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**Kent State University**, Kent, Ohio, Master of Library Science, August 1990.

**Yale University**, New Haven, Connecticut, B.A., U.S. History, December 1985.

**St. Ignatius High School**, Cleveland, Ohio, June 1981.

**Partner.** *Tenseg LLC, Saint Paul, Minnesota, 2016 to present.*

**Library and Technology Consultant.** *Saint Paul, Minnesota, 2007 to 2016.*

**Strategic Consultant.** *University of Minnesota (Twin Cities) Libraries, Minneapolis, Minnesota, February 2007 to August 2007.*

**Associate University Librarian for Information Technology.** *University of Minnesota (Twin Cities) Libraries, Minneapolis, Minnesota, September 2001 to February 2007.*

**Assistant Director for Technology Planning and Administration.** *MIT Libraries, Cambridge, Massachusetts, August 1997 to July 2001.*

**Acting Head, Systems Office.** *MIT Libraries, Cambridge, Massachusetts, August 1996 to August 1997.*

**Head, Serials Copy Cataloging and Record Maintenance Unit.** *MIT Libraries, Cambridge, Massachusetts, February 1992 to August 1996.*

**Serials Copy Cataloger.** *MIT Libraries, Cambridge, Massachusetts, February 1991 to February 1992.*

## Positions Held

**Partner.** Tenseg LLC, Saint Paul, Minnesota, January 2016 to present. Specialize in technology consulting for libraries, non-profits, and creative endeavors. Work primarily with Statamic and WordPress website development and maintenance, and software development for iOS and macOS. Clients have included the Religious Education Association, Auburn Seminary, and The Christina Gallery.

**Library and Technology Consultant.** Saint Paul, Minnesota, 2007 to 2016. My consulting work has been focussed on information technology as it applies to the academy, especially with regard to technology's role for the academic library. Clients have included OCLC Research, the Digital Library Federation and the Council on Library and Information Resources, the Association for Research Libraries, the Minnesota Digital Library, and the University of Minnesota. My work has ranged from building new web-based products to providing assistance with program development to giving talks on the future libraries face.

**Strategic Consultant.** University of Minnesota (Twin Cities) Libraries, Minneapolis, Minnesota, February 2007 to August 2007. Advised on Information Technology issues for the University Librarian.

**Associate University Librarian for Information Technology.** University of Minnesota (Twin Cities) Libraries, Minneapolis, Minnesota, September 2001 to February 2007. Managed a staff of 36 FTE with budget resources of \$3.5 million to provide administrative and programmatic leadership for the use of information technology to the University Libraries. Played a significant role within the campus IT enterprise serving on various campus-wide advisory and governing groups. Established a record of notable technology developments including: LibData resource management, the Undergraduate Virtual Library, UThink blog service, University Digital Conservancy, investment in social tools, a partnership with Ex Libris to implement Primo, funding support for digital video and image services, a strong partnership with the campus IT organization, and customized delivery of services through the University's portal. Supervised grants with IMLS and campus researchers in Computer Science. Co-directed the BioMedical Library for two-years (2003-2005).

**Assistant Director for Technology Planning and Administration.** MIT Libraries, Cambridge, Massachusetts, August 1997 to July 2001. Developed digital technology initiatives supporting the strategic objectives of the MIT Libraries, including a technology staffing model characterized by a highly matrixed organizational structure with responsibility for technology spread throughout the Libraries. Managed all technology staff as well as an ambitious research agenda, including grants of \$1.8 million from Hewlett-Packard for the DSpace project and \$360,000 from the Mellon Foundation for DSpace and EJournal Archiving. Supervised the selection of and migration to new library management system. Member of MIT's Information Technology Architecture Group which reviewed and set policy for the campus-wide IT infrastructure. Served on the Libraries' governing Steering Committee.

**Acting Head, Systems Office.** MIT Libraries, Cambridge, Massachusetts, August 1996 to August 1997. Supervised four staff members, including hiring recommendations, orientation, training, procedural documentation, and performance evaluation. Managed computer related capital equipment approval process and Geac Advance integrated library system. Cared for various MIT Libraries web sites and other networked information tools. Consulted with and advised department heads and administrators on technology issues. Served on the Library Council and represented MIT on the Boston Library Consortium's Information Technology Committee.

**Head, Serials Copy Cataloging and Record Maintenance Unit.** MIT Libraries, Cambridge, Massachusetts, February 1992 to August 1996. Supervised four support staff, including hiring recommendations, orientation, training, procedural documentation, and performance evaluation. In consultation with the principal serials cataloger and the head of serials cataloging, interpreted cataloging policy for the unit and resolved problems related to the catalog and authority records produced by the unit. Carried out original cataloging and reviewed the cataloging work of the copy catalogers in the unit. Directed serials retrospective conversion project, served as liaison to serials acquisitions, served as MIT's OCLC support person, represented MIT on the Boston Library Consortium's Union List of Serials Committee and Electronic Resources Working Group, and contributed to a number of MIT committees including those which planned and implemented MIT's migration to the Geac Advance library system. Designed and maintained a web page of cataloging resources.

**Serials Copy Cataloger.** MIT Libraries, Cambridge, Massachusetts, February 1991 to February 1992. Responsible for cataloging serials with CONSER and contributed copy already available from OCLC. Performed CONSER maintenance with review by the principal cataloger. Responsibilities as a cataloger included ensuring that all records adhered to both national standards and local practice, including OCLC, CONSER, LC, and MIT rules and guidelines. Edited records directly on OCLC and also became familiar with Geac MRMS software. Served as department's representative on the libraries' Microcomputer Resources Group and helped establish a task force that trained library staff in the use of MIT's Athena network of workstations.

**Campus Consultant.** NeXT Computer Inc., Columbus, Ohio, February 1990 to August 1990. NeXT's representative on the campuses of Ohio State University and Kent State University. NeXT, then a computer workstation manufacturer based in Redwood City, California, depended on Campus Consultants to connect professors and students on campus with the resources they needed at NeXT and among its third party developers. Demonstrated, installed, and upgraded systems, created and tested software, answered questions about Unix and the NeXTSTEP environment (which later became the heart of Mac OS X), and provided feedback to NeXT and its sales force. Worked on the NeXT response to the OhioLink library system RFP.

**President.** *Appropriate Technology, Columbus, Ohio, January 1987 to January 1990.* Ran a sole proprietorship Macintosh software development, consulting, and graphic design business. Appropriate Technology was a certified Macintosh developer. Developed proposals for Macintosh systems, installed Macintosh systems and software, installed AppleTalk networks, trained users of Macintosh systems and software, designed numerous books, brochures, and newsletters, developed Macintosh software in Pascal, C, and HyperCard, shipped shareware Macintosh software, and developed software license agreements.

**Director of Information Systems.** *The Governor's Committee, Columbus, Ohio, January 1986 to December 1986.* Coordinated all computer related tasks for the Governor's campaign. Installed Macintosh and MS-DOS systems, developed databases and supervised volunteers for precinct targeting and opponent research, trained staff in general computer skills, designed print materials for the general campaign, developed a localized literature strategy, created coordinated fact sheets, developed a system for online communication between the Governor's office and the Governor's campaign, and assisted field offices in solving computer problems.

## **Roles**

### ***Consulting***

*Religious Education Association.* Providing technical expertise in management of website and membership for this academic association. 2010 to present.

*SHARE.* Consulting with ARL as the Technical Director for this higher education and research community initiative to advance the access to, preservation of, and reuse of research outputs. 2013-2015.

*Edible Cleveland.* Design and implementation of new WordPress site for this regional food publication. 2013-2014.

*Farmers Legal Action Group.* Refitting contest-winning website with WordPress features that actually allowed the staff of this small non-profit to maintain the site. 2013.

*Digital Library Federation Web Consultant.* Consultant to director and staff of DLF and CLIR. Built WordPress site for DLF, including CSS, plugin development, and training of staff. 2010-2013.

*Tackk.* Competitive and product analysis for this internet startup to help people create simple, beautiful web pages. 2012.

*Coalition for Networked Information.* Method to provide access to archived website from references to new website. 2011.

*Digital Library Federation Advisory Task Force.* Advisor to the director of DLF. 2010-2011.

*Minnesota Digital Library Management Group.* 2009 to 2011.

*Digital Library Federation Transition Team.* Senior advisor to the president of CLIR and member of this national working group to help the Council on Library and Information Resources develop a renewed DLF program within CLIR and hire someone to lead that program. 2009-2010.

*MDL+Flickr.* Consultant to the Minnesota Digital Library Coalition, developing tools to migrate a digital image collection from Minnesota Reflections into the Flickr Commons. 2009-2010.

*DLF Forum Program Committee.* Member of the program committee for the DLF Fall Forum to consider the future of the organization. 2009.

*OCLC Research Web Development Team.* Consultant to this team seeking to revise the OCLC Research website to become more focussed and dynamic. 2009.

*EthicShare Review.* Consultant providing an initial design review of the EthicShare bioethics community website being developed at the University of Minnesota. 2009.

*Great Rivers Network Solicitation.* Consultant to the Minnesota Historical Society to assist with solicitation and review of candidate platforms for the next generation of the Great Rivers Network. 2008-2009.

*DLF Web Development Team.* Consultant to this team seeking to revise the DLF website to better serve its working groups and members. 2008-2009.

*Minnesota Finder.* Consultant to the Minnesota Digital Library Coalition, developing a Google-Mini-based search engine prototype for statewide digital image resources. 2008-2009.

*ARL E-Science Task Force.* Consultant to the Association of Research Libraries to help produce a working group report of the E-Science Task Force and manage a meeting of the task force. 2008.

*Social Side of Reflections.* Consultant to the Minnesota Digital Library Coalition, developing a prototype community commentary infrastructure for Minnesota Reflections. 2007-2008.

*Research Cyberinfrastructure Alliance.* Consultant performing an assessment of researcher computing and digital data needs around the University of Minnesota. 2007.

*Feautor.* Consultant to this effort to build a community content site for religious resources. 2007.

### ***Beyond University Boundaries***

*SHARE Steering and Working Groups.* Member, as a consultant, of the steering group and multiple working groups of this higher education and research community initiative to advance the access to, preservation of, and reuse of research outputs. 2013-2015.

*Digital Library Federation Advisory Committee.* Member of this national committee of the Council on Library and Information Resources. 2010-2012.

*Aquifer Technical Working Group.* Member of this national working group and other Digital Library Federation Aquifer project groups. 2004-2007.

*Minnesota Digital Library Coalition Steering Committee.* 2003-2007.

*CIC Electronic Publishing Venture Task Force.* Attempted development of a business model for a scalable, sustainable collaborative e-publishing effort across the CIC. 2002.

*CIC Library Information Technology Directors.* 2001-2007.

*MnLINK Policy Advisory Council.* Non-voting member on this statewide advisory board for the MnLINK project. 2001-2005.

*Information Technology Committee.* Coordinated the Boston Library Consortium's joint technology ventures. 1996-1997.

*Electronic Resources Working Group.* Planned for coordinated acquisition of electronic resources by the Boston Library Consortium. 1996.

*Union List of Serials Committee.* Managed the Boston Library Consortium's Union List of Serials, and spearheaded the hunt for a new union list vendor. 1992-1996; Secretary, 1993-1994; Chair, 1994-1995.

### ***University-Wide***

*E-Sponsors.* Convened by the Office of Information Technology to discuss issues facing all sponsors of enterprise computing initiatives at the University of Minnesota. UTMTC. 2001-2007.

*Search Committee for Director of Charles Babbage Institute.* UTMTC. 2004-2005.

*Web Integration Group.* Committee to develop next generation web site for UTMTC, including portal development. 2001-2004.

*E-Managers.* Group sponsored by the Office of Information Technology to discuss computing projects around the University of Minnesota. UTMTC. 2001-2004.

*Technology Advisory Committee.* Part of Technology Enhanced Learning group at UMTC. 2002-2003.

*Information Technology Architecture Group.* Defined and promoted the MIT computing infrastructure. Provided integration design reviews for project teams. MIT. 2000-2001.

### ***Libraries Specific***

*University Digital Conservancy Management Group.* Supervised the planning and development of an institutional repository for the campus. UMTC. 2006-2007.

*Primo Steering Committee.* Sponsor of project to bring new search technology to the University's OPAC. UMTC. 2006-2007.

*Information Technology Council.* Founder and chair of this cross-libraries technology policy and advisory group. UMTC. Chair, 2003-2007.

*Libraries Cabinet.* Top administrative body of UMTC Libraries. 2001-2007.

*Library Leadership Council.* Central administrative body of the UMTC Libraries. 2001-2007.

*Digital Library Working Group.* Coordinating and strategy group for managers of digital library initiatives at the UMTC Libraries. 2001-2002.

*Steering Committee.* Top administrative body of the MIT Libraries. 1997-2001.

*Computer Coordinating Committee.* Made up of top technology positions in the Libraries, strategized and planned for technology applications and research. This committee was the glue of the MIT Libraries' matrixed technology staffing structure. Chair, 1997-2001.

*Capital Campaign Steering Committee.* Planned Libraries participation in MIT's Capital Campaign. 1999-2001.

*Library Council.* Advisory body of all department heads and other key staff for the Director of the MIT Libraries. 1996-2001.

*Barton Operations Group.* Coordinated development of MIT's local library system. 1996-1998.

*Network User-interface Team.* Managed deployment of new user-interfaces for networked information at the MIT Libraries. 1996-1997.

*Public Services Action Committee.* Decision making and coordinating body for Public Services at the MIT Libraries. 1996-1997.

*Collection Services Web Team.* Determined what resources were needed on the Collection Services Web and then worked with staff to build them into the site. MIT. Team leader, 1995-1996.

*GARP.* Coordinated Gopher and WorldWideWeb presence for the MIT Libraries. 1994-1995.

*Computer Support Study Team.* Developed new models for supporting microcomputer systems in the MIT Libraries. 1994-1995.

*Search Committee for Associate Director, Administration.* MIT. 1993-1994.

*Cataloging and Acquisitions Implementation Teams.* Coordinated migration and testing of MIT's new library system. MIT. 1993-1996.

*Reference and Instruction Services Committee.* Served as technical services liaison to this public services committee. MIT. 1993-1994.

*Search Committee for Monograph Cataloger.* MIT. 1992-1993.

*Bibliographic Access Group.* Developed cataloging and authority control portions of RFP for new library system, then reviewed responses and recommended vendor. MIT. 1992-1993.

*Library Staff Association.* Planned events for whole libraries' staff. MIT. 1992-1999.

*Cataloging Documentation Working Group.* Worked to bring MIT's local cataloging documentation up to date. 1992-1993.

*Navigators.* Informal, yet effective, group of four staff members who spread the word about how to connect to and use MIT's Athena resources. MIT. 1991-1992.

## Websites

Numerous websites with Tenseg LLC, see [www.tenseg.net/clients](http://www.tenseg.net/clients).

*Religious Education Association.* Designed and manage website for scholarly guild ([religiouseducation.net](http://religiouseducation.net)). 2010 to present.

*Senate District 64 DFL.* Established local political party website ([sd64dfl.org](http://sd64dfl.org)). 2004 to 2018.

*Life is a Mystery.* A personal blog about art, politics, technology, libraries, and whatever else comes to mind ([eric.clst.org](http://eric.clst.org)). 2004 to present.

*Crosswinds Arts & Science School.* Redesigned website ([crosswindsmn.org](http://crosswindsmn.org)). 2013.



- Digital Library Federation*. Redesigned national website ([diglib.org](http://diglib.org)). 2011 & 2013.
- Shalom Hill Farm*. Redesigned non-profit website ([shalomhillfarm.org](http://shalomhillfarm.org)). 2012.
- The Tyrian Network*. Redesigned non-profit website ([tyrian.net](http://tyrian.net)). 2007 & 2012.
- Coalition for Networked Information*. Preservation of original website alongside the new ([old.cni.org](http://old.cni.org)). 2011.
- Juvenile Justice Coalition*. Redesigned website ([juvenilecoalition.org](http://juvenilecoalition.org)). 2010.
- EMID Families*. Support for integration magnet schools ([emidfamilies.org](http://emidfamilies.org)). 2008-2012.
- OCLC Research*. A redesigned website ([www.oclc.org/research](http://www.oclc.org/research)). 2009.
- Minnesota Finder*. A prototype statewide digital image search engine for the MDL. ([search.mndigital.org](http://search.mndigital.org)). 2009-2011.
- Social Side of Minnesota Reflections*. A prototype commentary engine for the MDL ([views.mndigital.org](http://views.mndigital.org)). 2008-2011.
- Feautor*. A community web site for religious resources ([feautor.org](http://feautor.org)). 2007.
- Libraries Staff Wiki*. With Erin George and Mark Fox. Implemented PmWiki at UMTc to create new "intranet" space for Libraries staff ([wiki.lib.umn.edu](http://wiki.lib.umn.edu)). 2004-2007.
- Our Kids*. A web site for parents of children with special needs ([purl.org/net/our-kids](http://purl.org/net/our-kids)). Cambridge, Massachusetts: MIT. 1995-1997.
- Cataloging Oasis*. A web site presenting MIT and national cataloging documentation ([libstaff.mit.edu/colserv/cat/](http://libstaff.mit.edu/colserv/cat/)). Cambridge, Massachusetts: MIT. 1993-1996.

## **Publications**

- "Legislators will decide fate of model diversity program: Crosswinds school." With Susan Larson. *St. Paul Pioneer Press* ([www.twincities.com/ci\\_22773953/celeste-larson-legislators-will-decide-fate-model-diversity](http://www.twincities.com/ci_22773953/celeste-larson-legislators-will-decide-fate-model-diversity)). Page 15A, Wednesday, 3/13/2013.
- SubCalc: the Minnesota Subcaucus Calculator*. An iPhone app to help convenors of precinct caucuses and conventions in Minnesota ([subcalc.tenseg.net](http://subcalc.tenseg.net)). 2010.
- "A Focus on Innovation at the DLF Forum." *Information Standards Quarterly (ISQ)*. Volume 22, Issue 1 ([www.niso.org/publications/isq/2010/v22no1](http://www.niso.org/publications/isq/2010/v22no1)). Winter 2010.

"An Innovative Fall 2009 DLF Forum." *CLIR Issues*. Number 72 ([www.clir.org/pubs/issues/issues72.html](http://www.clir.org/pubs/issues/issues72.html)). November/December 2009.

*E-Science Talking Points for ARL Deans and Directors*. A report for the ARL ([www.arl.org/bm~doc/e-science-talking-points.pdf](http://www.arl.org/bm~doc/e-science-talking-points.pdf)). 2008.

"Building DSpace to Enhance Scholarly Communication." With Margret Branschofsky. A chapter of the book: *E-Serials: Publishers, Libraries, Users, and Standards*, 2nd ed., edited by Wayne Jones ([hdl.handle.net/1721.1/26704](http://hdl.handle.net/1721.1/26704)). Haworth Press, 2002.

*Book Reviews*. Published variety of book reviews in the *Journal of Academic Librarianship*. 1996-1999.

"Digging Your Own Den in Cyberspace: A Gopher Construction Kit." With Birdie MacLennan. *The Serials Librarian*. Vol. 25, Issue 3-4 ([dx.doi.org/10.1300/j123v25n03\\_05](http://dx.doi.org/10.1300/j123v25n03_05)). 1995.

*LaserDisc*. A computer program to control laserdisc players from NeXT computers. Belmont, Massachusetts: AppTech. 1991.

*MailService*. A computer program to help NeXT users read multimedia e-mail. Belmont, Massachusetts: AppTech. 1991.

*WhAT's NeXT?* Edited this journal of NeXT news for the BCS NeXT Users Group. Cambridge, Massachusetts: Boston Computer Society. 1990-1991.

"The Use of Automated Reference Services in Ohio's Public Libraries." A study of CD-ROM use among Ohio's public libraries. In *Ohio Libraries*. Columbus, Ohio: Ohio Library Association. Fall 1990.

*PopMenu XFCN*. An extension for Apple's HyperCard program. Columbus, Ohio: Appropriate Technology. 1988.

*Macify*. A tool to help desktop publishers clean up files being moved from MS-DOS computers to Macintosh computers. Columbus, Ohio: Appropriate Technology. 1986-1988.

*New Haven Peace Directory*. A directory of peacemaking organizations in the greater New Haven area. New Haven, Connecticut: Dwight Hall. 1984.

## **Presentations**

*Docker and Visual Studio Code for Local WordPress Development.* Presented with Alex Celeste to MSPWP, Minneapolis, MN, February 2017.

*SHARE: Project Update.* An update on SHARE's plans to develop an automated notification system for research events. Coalition for Networked Information (CNI) Spring Task Force Meeting, Saint Louis, MO, April 2014.

*Counting on CONTENTdm: Deciphering Statistics and Looking for Alternatives.* Presenting tools and techniques. CONTENTdm Users Group of the Upper Midwest, Minneapolis, MN, November 2010.

*Making Friends with Flickr.* Contrasting Flickr Commons and Minnesota Reflections usage. Minnesota Digital Library Annual Meeting, Minneapolis, MN, June 2010.

*Extending CONTENTdm: What MDL has done without using the official API.* Presenting tools and techniques. CONTENTdm Users Group of the Upper Midwest, Madison, WI, October 2009.

*Balanced on the Bleeding Edge.* An exploration of following your passions. Enhancing Quality Staff, Minneapolis, MN, May 2009. College of Saint Benedict and Saint John's University Libraries, Saint Joseph, MN, August 2009.

*Mainstream Minnesota.* Describing efforts to migrate a collection from Minnesota Reflections to the Flickr Commons. Minnesota Digital Library Annual Meeting, St. Joseph, MN, June 2009.

*Minnesota Digital Library: Where We Are.* Library Technology Conference, Saint Paul, MN, March 2009.

*The Social Side of Reflections.* Describing the creation of a commentary system and statewide search engine for the Minnesota Digital Library. Midwest Library Technology Conference, Saint Paul, MN, May 2008. Minnesota Digital Library Annual Meeting, St. Joseph, MN, June 2008.

*Assessing Research Cyberinfrastructure Needs at the University of Minnesota.* Sharing results from faculty interviews on data and technology usage and requirements with members of the University of Minnesota's Research Cyberinfrastructure Alliance. CNI Spring Task Force Meeting, Minneapolis, MN, April 2008.

*Next Generation OPAC: What do our users expect?* A look at Web 2.0 ideas for Libraries with Keith Ewing (St. Cloud State University). MnLINK Users Group, Brooklyn Park, MN, September 2006.

*MDLC in the Future.* Closing plenary of the annual meeting with Mike Kathman and Michael Fox. Minnesota Digital Library Coalition. June 2006.

*Eurasia University: Libraries and the Chain Campus.* Notes to the President of the University and the University Librarian as part of a site visit to this rapidly growing institution. Xi'an, China, December 2005.

*Documenting Internet2: An IT Perspective.* A joyful romp with Heritrix, JavaScript, and Spotlight. Society of American Archivists, New Orleans, LA, August 2005. Also presented to CNI Fall Task Force Meeting, Pheonix, AZ, December 2005.

*Welcome to MINERVA.* Minneapolis, MN, November 2005.

*Libraries, Archives, and Museums on Campus.* Describing collaboration at the University of Minnesota and thinking about what more we could be doing together and why. RLG Forum, Saint Paul, MN, July 2005.

*UThink: Blogs at the University of Minnesota.* Sharing an overview of our campus-wide blog initiative, with Shane Nackerud (UMTC). CNI Spring Task Force Meeting, Washington, DC, April 2005.

*Owning bits and pieces.* The importance of addressing intellectual property issues in our digital collections. MINERVA Conference. Minneapolis, MN, November 2004.

*Posters from the World Wars.* A poster session for the IMLS at WebWise. Chicago, IL, March 2004. Also presented at ARLD in Minnesota later in 2004.

*Achieving Digital Preservation Through Collaboration.* Panel discussion at Museum Computer Network Conference. Minneapolis, MN, November 2004.

*Standards for the Description of Digital Images.* Workshop on metadata and tools for its creation for the Minnesota Digital Library Coalition. Olmstead County Historical Society, Rochester, MN, August 2003.

*The Scenic Collections Database.* Presentation to USITT (performing arts and entertainment professionals). Minneapolis, MN, March 2003.

*DSpace: A Story of Partnership.* Panel on successful partnering at the "Forging Library Partnerships in a Networked Age" conference. UC Berkeley, November 2001.

*Managing the Organizational Mind.* Presentations to various companies in India as part of an MIT Industrial Liaison Program visit to Mumbai, Hyderabad, and Bangalore. January 2001.

*DSpace, a Digital Archive at MIT.* Introduced the DSpace project to a national audience, with Bill Wickes of Hewlett-Packard. CNI, March 2000.

*The Fastcat Macro at MIT.* Presented the use of macros to facilitate the work of copy catalogers, with Ray Schmidt. ALA, June 1999.

*MIT's Use of the Web and Passport for Windows in Technical Services.* Various presentations to staff involved in developing technical services workstations at academic libraries around the northeastern United States. Technical Services Workstation Meeting, Cornell University, 1996.

*Digging a Den in Cyberspace.* Workshop describing the task and challenges of setting up Gopher servers. Preconference, NASIG Annual Meeting, 1994.

*Internet Resources Training.* Taught the listserv portion of this series of workshops. MIT Libraries, 1994.

*Introduction to Gopher.* Boston Library Consortium TechnoFair, 1993.

*PsychLiaison.* Participated in project to teach basic bibliographic skills and provide each section of introductory psychology course with its own librarian. 1992-1996.

*Conceptual Introduction to the Internet.* Course designed for MIT Libraries reference staff. RISC, MIT Libraries, 1992.

*E-Mail Basics.* Taught over half of MIT Libraries staff how to use e-mail. Navigators, MIT Libraries, 1991.

## **Grants and Awards**

*SHARE Notification Service.* Helped develop this \$1 million grant awarded by the Institute of Museum and Library Services (IMLS) and the Sloan Foundation to build a notification pipeline for research output (<http://arl.org/share>). 2014.

*Digitization and Metadata Aggregation for War Poster Collections.* \$275,000 grant awarded by the IMLS and completed after original principal investigator left the project in 2003 (<http://digital.lib.umn.edu/warposters/>). 2001-2004.

*Dynamic EJournal Archiving.* \$149,000 one year planning grant awarded by the Andrew W. Mellon Foundation to explore the task of archiving ejournals which don't fit into the article/issue mold. 2000.

*DSpace Business Modeling.* \$215,000 grant from the Andrew W. Mellon Foundation to develop business models which might sustain a digital repository within the academy. 2000.

*DSpace.* \$1.8 million funding plus further staff and equipment resources from Hewlett-Packard to develop a repository of the born-digital research output of MIT (<http://www.dspace.org>). 2000.

*Library Council Special Achievement Award.* In recognition of Internet Resources Training providing the essential foundation for Gopher and Web work at the MIT Libraries. 1994.

*Professional Research Grant.* \$1,000 grant awarded by the MIT Libraries to make MIT's cataloging documentation available through a prototype online vehicle. Explored both Gopher and Web options. 1993.

*Library Council Special Achievement Award.* In recognition of the Navigators' initiative, creativity, and entrepreneurial spirit in teaching the MIT Libraries staff about the Internet. 1992.

*August Alpers Award.* Outstanding contribution to the Kent State School of Library Science while maintaining an excellent academic record. 1990.

*Lohmann Prize.* Excellence in undergraduate printing at Yale. 1982.

### **Community Service**

*Friends of St. Joseph.* Helped found and grow this new form of association with the Sisters of St. Joseph of Carondelet, Saint Paul Province, 2012 to the present.

*Democratic Farmer Labor Party.* As precinct chair, managed local DFL precinct caucuses and activity, 2002-2008. As senate district 64 associate chair and treasurer, participated in organization of DFL party activities across much of western Saint Paul, 2008 to 2018.

*Parents United for Public Schools.* Serving as board member in this statewide organization to connect Minnesota families with the resources they need to advocate for public schools. 2013-2016.

*EMID Families.* Coordinated family engagement in the East Metro Integration District school support and development activities. 2008-2012.

*Cool Tools @ Your Library.* Participated in MINITEX booth at State Fair. 2004-2006.

*School Library Volunteer.* Supporting work of library manager at Groveland Park Elementary School in Saint Paul. 2000-2001.

*Parish Council Member.* Served on the Our Lady of Lourdes parish council. 1996-1998.

*Coordinator of the Brookside Neighborhood Crime Watch.* Worked with neighbors and the Boston Police to keep our neighborhood safe and friendly. 1996-2000.

*Executive Board Member of the Brookside Neighborhood Association.* Helped maintain this Boston neighborhood's long history of activism. 1995-1997.

*Burrata at the Josiah Quincy Elementary School.* Facilitating kids, parents, and teachers at this school working together to build and maintain a JQS web site (<http://purl.org/net/jqs>). 1996.

*BCS-NeXT Activist.* An active organizer of the Boston Computer Society's NeXT User Group. 1990-1992.

*Student-Faculty Liaison.* Elected representative of the student body of the Columbus Program of the Kent State School of Library Science. 1990.

*Member of the Newman Community Council.* Helped guide my church's search for a clearly defined mission and workable process to empower future Community Councils. 1988-1989.

*Board Member of Ohio SANE/FREEZE.* Helped facilitate discussion of critical issues facing this newly merged organization. 1988-1989.

*Chief Printer of the Pierson Press at Yale.* Ensured that the press remained a viable tool for students seeking to learn the craft of letterpress printing. 1983-1984.

### **Other Activities**

*Assistant/Associate University Librarian Institute.* Participated in two day ARL/OLMS workshop exploring and illuminating the AUL role in ARL libraries. Charleston, 1999.

*Library Management Skills Institute I.* Participated in four days of basic training in management developed by the Association of Research Libraries' Office of Management Services (OMS). Chicago, 1992.

*Managing Change.* Participated in this OMS developed workshop at MIT. 1992.

### **Associations**

*American Library Association (ALA).* Member since 1990, member of LITA special interest group 1993-2014.

*Coalition for Networked Information (CNI).* Represented University of Minnesota at CNI task force meetings 2001-2007, and MIT 1997-2001.

*EDUCAUSE.* Represented University of Minnesota and MIT at meetings 1997-2007.

*North American Serials Interest Group (NASIG).* Active member 1992-1996.

## **Selected Abbreviations**

*BLC* = Boston Library Consortium, an association of academic and research libraries located in Massachusetts, Connecticut, New Hampshire, and Rhode Island.

*CIC* = Committee on Institutional Cooperation, a consortium of 12 research universities, including the 11 members of the Big Ten Conference and the U. of Chicago.

*CNI* = Coalition for Networked Information, an organization of some 200 institutions representing higher education, publishing, network and telecommunications, information technology, and libraries and library organizations.

*DFL* = Democratic Farmer Labor Party, what Minnesotans call the Democratic Party.

*DLF* = Digital Library Federation, a consortium of libraries and related agencies that are pioneering the use of information technologies to extend collections and services.

*MDL* = Minnesota Digital Library, a statewide coalition of institutions building digital collections.

*UMTC* = University of Minnesota (Twin Cities), the largest campus of the UofM system.