

Catherine A. Larson
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Education

University of Illinois at Urbana-Champaign, Urbana IL
MSLIS, Graduate School of Library and Information Science, 1986

University of Illinois at Urbana-Champaign
BA, Majors in Anthropology and Spanish, minor in Portuguese, 1980

Employment

Artificial Intelligence Lab, The University of Arizona, Tucson AZ
Associate Director, March 2003 – Present

Provide research administration including preparation and submission of grant proposals and reports to sponsoring agencies including the National Science Foundation, National Institutes of Health, government agencies, and other sponsors. Manage coordination and communication with sponsors, on- and offsite partners and other collaborators. Oversee development of contracts, non-disclosure agreements, data-sharing agreements, and other documentation. Hire, train, and supervise office staff and student assistants. Monitor project budgets (\$1M annually) and timelines through ongoing coordination with Lab teams. Coordinate and oversee user and system evaluation studies. Provide content management support to projects through identification and acquisition of relevant content. Coordinate and manage local arrangements for conferences and other events.

The University of Arizona Library, Digital Library Initiatives Group
Data Services Librarian, 1998 – 2003

Provided leadership in creating new data services program for campus users. Served as project manager for the planning and creation of selected digital resources including the selection of standards and development of operational procedures. Served as project team member or leader of various projects involving GIS (geographic information systems), needs assessment, and strategic planning which required the selection and implementation of new technologies. Also provided general reference services and taught hands-on instructional sessions on the use of data sets and other library resources.

The University of Arizona Library, Fine Arts/Humanities Team
Team Leader, 1994 – 1998

Provided leadership and management to team of 12 faculty librarians. Used team and small group processes to assess user needs, develop and implement strategic plans and resolve user and organization-related issues. Coached and supervised team members. Served as member of the policy-setting management team (Cabinet) for the Library. Served as member or leader of

various library-wide teams including Strategic Long Range Planning, process improvement, etc., as well as the group which created the organizational structure for early digital library initiatives within the library.

The University of Iowa Libraries, Iowa City IA

Head, Preservation Department, 1990 - 1994

Established Library's first preservation program; provided leadership and management to preservation units including bindery, book repair and reformatting (10 FTE staff). Oversight of \$175,000+ budget. Participated in the Committee on Institutional Cooperation's (CIC) preservation officers group to plan and implement consortium-wide preservation projects.

The University of Iowa Libraries

Media Bibliographer, 1987 – 1990

Developed collection development policy and a new curriculum-based collection of video and print materials to support cinema studies, literature, history, the sciences, and other academic programs. Performed original and copy cataloging. Participated in the library's instruction program for users.

**The University of Illinois at Urbana-Champaign, Latin American
Collection Development Unit**

Visiting Assistant Latin American Bibliographer, 1986

Assisted in the selection of new materials. Managed the unit's gift and exchange program by communication with exchange partners in Mexico, Central and South America. Reduced the cataloging backlog for materials in Spanish and Portuguese through original cataloging.

Publications

Xin Li, Daning Hu, Yan Dang, Hsinchun Chen, M. C. Roco, Catherine Larson, and Joyce P. Chan, "Nano Mapper: An Internet Knowledge Mapping System for Nanotechnology Development," *Journal of Nanoparticle Research*, forthcoming, 2008.

Hsinchun Chen, Lawrence Brandt, Valerie Gregg, Roland Traunmüller, Sharon Dawes, Eduard Hovy, Ann Macintosh and Catherine Larson, eds. (2008). *Digital Government: Advanced Research and Case Studies*. NY: Springer.

Yan Dang, Yulei Zhang, Nichalin Suakkaphong, Catherine Larson, Hsinchun Chen (2008). "An integrated approach to mapping worldwide bioterrorism research capabilities." *Proceedings, IEEE International Conference on Intelligence & Security Informatics*, June 2008, Taipei, Taiwan.

Paul Hu, Daniel Zeng, Catherine Larson, Wei Chang, Chunju Tseng, Jian Ma, and Hsinchun Chen (2007). "System for Infectious Disease Information Sharing and Analysis: Design and Evaluation," *IEEE Transactions on Information Technology in Biomedicine*, 11(4).

Betsy Kruger and Catherine Larson, editors (2006). *On Account of Sex: An Annotated Bibliography on the Status of Women in Librarianship, 1998-2002*. Lanham MD: Scarecrow Press.

Paul Jen-Hwa Hu, Daniel Zeng, Hsinchun Chen, Catherine Larson, Wei Chang, Chunju Tseng (2005). "Evaluating an Infectious Disease Information Sharing and Analysis System." *Proceedings, IEEE Conference on Intelligence & Security Informatics 2005*, in *Lecture Notes in Computer Science* 3495.

Shauna Eggers, Zan Huang, Hsinchun Chen, Li Yan, Catherine Larson, A. Rashid, Michael Chau, and Chienting Lin, "Mapping Medical Informatics Research," Editors: H. Chen, S. F. Fuller, C. Friedman, and W. Hersh, in *Medical Informatics: Knowledge Management and Data Mining in Biomedicine*, Springer, Pages 35-62, 2005.

Homa Atabakhsh, Catherine Larson, Tim Petersen, Chuck Violette, and Hsinchun Chen (2004). "Information Sharing and Collaboration Policies with Government Agencies." *Proceedings, 2nd Symposium in Intelligence & Security Informatics*, in *Lecture Notes in Computer Science* 3073.

Daniel Zeng, Hsinchun Chen, Lu Tseng, Catherine Larson, Millicent Eidson, Ivan Gotham, Cecil Lynch, Michael Ascher (2004). "West Nile Virus and Botulism Portal: A Case Study in Infectious Disease Informatics." *Proceedings, 2nd Symposium in Intelligence & Security Informatics*, in *Lecture Notes in Computer Science* 3073.

Betsy Kruger and Catherine Larson, editors (2000). *On Account of Sex: An Annotated Bibliography on the Status of Women in Librarianship, 1993-1997*. Lanham MD: Scarecrow Press.

Catherine Larson. "Customers First: Using Process Improvement to Improve Service Quality and Efficiency" (1998). *RSR: Reference Services Review*, 26:1.

With Shelley Phipps, "The Five Disciplines: Learning Organizations and Technological Change" (1998). In: Wolf, Milton T., ed., et al., *Information Imagination: Meeting the Interface*. Chicago: American Library Association.

Grants and Awards

National Science Foundation, Community Resource Development, "Developing a Dark Web Collection and Infrastructure for Computational and Social Sciences," 2007 – 2010. Principle writer and coordinator for writing and project planning. PI: Hsinchun Chen. \$500,000.

Institute for Museum and Library Services, to The University of Arizona Library for creation of the Arizona Electronic Atlas, a GIS service. Writing and project team member, 2001-03. PI: Chris Kollen. \$129,000

American Library Association, Association of College & Research Libraries, Instruction Section. Member of team (the University of Arizona Library's Education Project Team) that received the "Innovation in Instruction" award for creating an innovative tutorial for information literacy, 1999.

National Endowment for the Humanities, to the Iowa Cooperative Preservation Consortium for state-wide preservation planning grant. Member of planning and writing team and assistant project director, 1994- 95. \$37,000

National Endowment for the Humanities, to the University of Iowa Libraries for the Agricultural Leaders Microfilming Project. Technical consultant, and member of planning and writing team, 1992-94. \$40,000

National Endowment for the Humanities, for the Coordinated Preservation Project (a large-scale microfilming project) to the member libraries of the Committee on Institutional Cooperation (CIC). Member of inter-institutional planning and writing team; project manager for University of Iowa Libraries. \$1,800,000 (total award to CIC); \$100,000 (to University of Iowa Libraries). 1990-1991.

Presentations

By The Artificial Intelligence (AI) Lab "Dark Web" Team. "Sentiment and Affect Analysis of Dark (*Selected*) Web Forums: Measuring Radicalization on the Internet." Presented at the IEEE International Conference on Intelligence and Security Informatics, June 2008, Taipei, Taiwan.

By The AI Lab "Dark Web" Team. "Discovery of Improvised Explosive Device Content in the Dark Web." Presented at the IEEE International Conference on Intelligence and Security Informatics, June 2008, Taipei, Taiwan.

Invited Workshops, "What Your Customers Want: Service Improvement for Libraries." To Boston Library Consortium, Boston MA, April 2001; Brigham Young University Library, Provo UT, 2000; and *Living the Future 3*, in Tucson AZ, 2000, a national conference on organizational change sponsored by the University of Arizona Library.

With Jim Fromm and Steve Llewellyn, "Scenario Planning for Facilities Management and Planning. At: Society for College and University Planning, Mid-Continent Regional Conference, Tucson AZ, October 1999. (Awarded

“Best of Regional Conference” and selected for presentation at National Conference, Denver CO, July 2000.)

With Ann Fiegen, “Starting With the Customer: Performance Measures and Team Accountability,” at the Arizona Quality Alliance 8th Annual Conference on Quality, Mesa AZ, September 1998.

Service
(*Selected*)

American Library Association. Member of various committees within the Association and its Divisions including:

- Co-Chair, Council on the Status of Women in Librarianship Bibliography Task Force, 1994 to 2003
- Association of College & Research Libraries
 - Appointed member, University Libraries Section (Current Topics Discussion Group), 2006-07.
 - Appointed member, Task Force on the Association of the Future, 2001
 - Chair, English & American Literature Section (EALS), 1999-2000
 - Member, EALS Membership Committee, 1995-96
 - Intern, National Conference Planning Committee, 1995-97
- Association for Library Collections & Technical Services
 - Member-at-Large, Reproduction of Library Materials Section (RLMS), 1994-95
 - Member, RLMS Education Committee, 1992-94
 - Secretary, Preservation Administrator’s Discussion Group, 1992-93

Hispanic American Periodicals Index (HAPI)

Indexer for the annual printed (now online) index to journal and magazine articles of significance to Latin American Studies, 1987-1994.