

Curriculum Vita

Deborah K. Barreau
Assistant Professor,
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Education

Ph.D., Library and Information Services, University of Maryland at College Park, May 1997.
M.S., Library and Information Science, University of North Carolina at Chapel Hill, 1986.
M.A.T., Sociology, University of North Carolina at Chapel Hill, 1973.
B.A., Sociology, University of North Carolina at Chapel Hill, 1971.

Professional Experience

Assistant Professor, School of Information and Library Science, University of North Carolina at Chapel Hill (2002-Present)

Dr. Barreau teaches courses related to organizational behavior, communication, and technology to graduates and undergraduates in the school. She conducts research in organizational communication and in the use of information systems within organizations.

Assistant Professor, School of Library and Information Science, Catholic University (1997-2002)

Dr. Barreau had responsibility for teaching courses related to information systems, systems analysis, database management, and digital libraries within the school. Dr. Barreau advised students, served on school and university-wide committees, and served as faculty sponsor for the student chapter of the American Society for Information Science & Technology (ASIS&t).

Senior Project Manager and Systems Analyst, Aspen Systems Corporation (1988-1997)

As a Senior Project Manager, responsibilities included budgeting, staffing, and monitoring computer support for the National Criminal Justice Reference (NCJRS) Service, Aspen's largest project. She served as the liaison between project staff and clients and oversaw technical support requirements; provided periodic evaluation, and technical review on the development and implementation of information systems. She developed the requirements and design specifications for local area networks (LAN) and oversaw the operational migration from a mainframe environment to a PC-LAN configuration supporting all project functions. She served

as project manager for the introduction of corporate-wide Internet services, and directed the design and development of NCJRS Internet applications. She served as consultant to the Food and Nutrition Service to develop a text management system, developed a risk analysis and contingency plan for NCJRS and an integrated information system for ACCESS ERIC.

Systems Librarian, Manderino Library, California University of Pennsylvania (1987-1988)

A systems librarian, Dr. Barreau implemented Manderino Library's online catalog and developed specifications for authority control and database clean-up. She also served as liaison to the university's technology committee and to the state-wide university system.

Graduate Assistant, Audiovisual Services at the Health Sciences Library, and Computer Services Manager, School of Library Science, University of North Carolina at Chapel Hill (1984-1987)

Designed an automated reserve system, compiled bibliographies, co-edited the UNC Division of Health Affairs Audiovisual Union List, and established a system for evaluating the reference collection for the Health Sciences Library. As computer services manager at the Graduate School of Library Science, provided technical assistance to students and faculty and operated laboratory facilities.

Teacher, Department Chair, Orange County Schools, Hillsborough, N.C. (1973-1984)

Teacher, and later Department Chair for social sciences, Orange Senior High School.

Honors

Outstanding Teacher Award, School of Information and Library Science, University of North Carolina, 2004

Outstanding Information Science Teacher, American Society for Information Science & Technology, 2002.

Steven I. Goldspiel Memorial Research Grant Recipient, Special Libraries Association, 2002.

Beta Phi Mu honorary society, inducted 1987.

Dean's Achievement Award for Best Master's Paper (technical paper), 1986 (awarded 1987).

Bibliography

Books and Chapters

Barreau, D. (1997). *Information Systems for Organizations and the Problem of Ephemeral Information*. Doctoral thesis, University of Maryland at College Park.

Barreau, D. K. (1989). "Microcomputers in Libraries: Planning for Effective Use." In Gerard McCabe (Ed.), *Operations Handbook for the Small Academic Library*, 165-175. New York: Greenwood Press.

Refereed Papers/Articles

Barreau, D. (2007). "The Persistence of Behavior and Form in the Organization of Personal Information." (accepted August 6, 2007 for publication in *Journal of the American Society for Information Science & Technology*)

Bailey, E., Baldwin, T., Barreau, D., Crystal, A., Greenberg, J., Sharma, A., Conway, M., Mendez, E., Oberlin, J., Shoffner, M., and Seiberling, S. (2006). Augmenting memory for student learning: Designing a context-aware capture system for biology education. Poster, Annual Meeting of the American Society for Information Science & Technology.

Barreau, D. (2006). Personal Information Management in Context. Short paper, presented at the *2006 ACM SIGIR Workshop on Personal Information Management: Now that We're Talking, What are We Learning*. Seattle, Washington, August 10-11, 2006.

Barreau, D. (2005). "Listserv as Boundary Object: Implications for Personal Information Management and Organizational Learning." Proceedings of the 2005 International Conference on Knowledge Management, Suliman Hawamdeh (Ed.), *Knowledge Management: Nurturing Culture, Innovation and Technology*, Singapore: World Scientific Publishing, pages 377-383.

Barreau, D. (2005). "Integration of Information Professionals in the Newsroom: Two Organizational Models for Research Services." *Library & Information Science Research*, 27 (3): 325-345.

Barreau, D., Su, C., and Spurgin, K. (2004). "Vertical Integration in the Statistical Knowledge Network." (poster) *Proceedings of the National Conference on Digital Government Research*, May 24-26, 2004: 383-384. Seattle, Washington: Digital Government Research Center.

Barreau, D. (2002). "Laying the Foundation for a Virtual Department." In *ASIST 2002, Information, Connections and Community, Proceedings of the Annual Meeting of the American Society for Information Science and Technology*, November 18-21, 2002, Philadelphia, Pennsylvania.

Barreau, D. (2001). "Information Systems and Collection Development in Public Libraries." *Library Collections, Acquisitions, and Technical Services*, 25: 263-279.

Barreau, D.K. (2001). "Making Do: Transaction Systems in Organizations." *Library and Information Science Research*, 23: 27-43.

Barreau, D. (2000). "Distance Learning: Beyond Content." *Journal of Education for Library and Information Science*, 41 (2): 79-93.

Barreau, D. K. (1995). "Context as a Factor in Personal Information Management Systems." *Journal of the American Society for Information Science*, 46, 327-339.

Barreau, D. K. (1988). "Using Performance Measures to Implement an Online Catalog," *Library Resources & Technical Services*, 32, 312-322.

Refereed Unpublished Oral Presentations (Panels were reviewed, selected)

"Personal Digital Libraries," co-organized and moderated panel for November 2006 Annual Meeting of the American Society for Information Science & Technology in Austin, Texas.

"Digital Library Education and Training," organized and moderated panel for November 2004 Annual Meeting of the American Society for Information Science & Technology in Providence, Rhode Island.

"A Case for User Studies (in context) Driving PIM Development," panel presentation for November 2003 Annual Meeting of the American Society for Information Science in Long Beach, California.

"Largest Library: Implications for Educating Professionals", panel presentation for November 2000 Annual Meeting of the American Society for Information Science in Chicago, Illinois.

"Digital Libraries: Technical Competencies for Professionals", panel presentation for the annual meeting of the Association of Library and Information Science Educators, San Antonio, Texas, January 2000.

Articles/Papers in Unrefereed Journals or other venues

Barreau, D., Greenberg, J., Crystal, A. & Sharma, A. (2006). Personal information management in a learning context. Poster for ACM SIG-IR Workshop on Personal Information Management.

Greenberg, J., Oberlin, J., and Barreau, D. (2006). Memex metadata (M²) for personal educational portfolios. Poster for the Microsoft Faculty Summit, spring 2006.

Barreau, D. (2004). "The New Information Professional: Vision and Practice [Brief Report]." *Information Outlook*, 8 (4): 31-35.

Barreau, D. (2001). "The Hidden Costs of Implementing and Maintaining Information Systems." *The Bottom Line: Managing Library Finances*, 14 (4): 207-212.

Nardi, B. and Barreau, D. (1997) "Finding and Reminding Revisited" Association of Computing Machinery *SIGCHI Bulletin*, 28 (January), 76-78.

Barreau, D. and Nardi, B. (1995) "Finding and Reminding: File organization from the Desktop" Association of Computing Machinery *SIGCHI Bulletin*, 27 (July), 39-43. [frequently cited]

Tonneson, C., Barreau, D., McGoff, K. and Eslinger, C. (1994). "Collaborative Learning in the Virtual Classroom: Can it Overcome the Limitations of Distance?" University of Maryland, Department of Computer Science, Technical Report.

Technical Reports

Barreau, D. (2003). *The New Information Professional: Vision and Practice*. School of Information & Library Science, University of North Carolina, TR-2003-04, August 2003. Funded by SLA 2002 Steven I. Goldspiel Memorial Research Grant.

Book Reviews (for scholarly journals)

Barreau, D. (2001), reviewed *Knowledge in a Social World* by Alvin I. Goldman, for the *Journal of the American Society for Information Science and Technology*, 52 (1): 80-81.

Barreau, D. (2000), reviewed *Information Management for the Intelligent Organization: The Art of Scanning the Environment* by Chun Wei Choo, for *Library & Information Science Research*, 22 (3): 343-345.

Other Presentations

"This Conversation is Being Blogged: Our Lives, Online, All the Time, in the Trend toward Lifelogging," panel, UNC-CH, Wilson Library, March 29, 2007. Organized by the student chapter of ASIS&T, but open to the University community.

"Organizational Challenges: Communication, Records, and Personal Information Management," New York Public Library, Leadership Academy, February 2, 2006 (invited speaker).

"Goldspiel Research Report: The New Information Professional: Vision and Practice," Annual Meeting of the Special Libraries Association, June 7, 2004, in Nashville, Tennessee.

"Drudgery: When Information Systems Don't Meet Organizational Needs" University of North Carolina at Chapel Hill Graduate School of Information and Library Science, March 1997.

"Managing Electronic Files in Working Environments" University of Rhode Island Graduate School of Library and Information Services, May 1996.

"Finding and Reminding: How People Use the Desktop" Human Computer Interaction Laboratory, University of Maryland, 12th Annual Symposium and Open House, 1995.

"How Do Users Organize Their Files and Directories?" Human Computer Interaction Laboratory, University of Maryland, 11th Annual Symposium and Open House, 1994.

"Technical Assistance Via BBS: A Federal System," National Conference on Criminal Justice Electronic Bulletin Boards, Boston, Massachusetts, 1991.

"Effectiveness Study of Patron Satisfaction: A Statistical Analysis of Library Use," Delaware Chapter of the Association of College and Research Libraries, Philadelphia, Pennsylvania, 1990.

Teaching

Information Use for Organizational Effectiveness, INLS 285 (formerly INLS 55)

Human Information Interactions, INLS 500 (formerly INLS 180)

Information Communication Technologies, Organizations and Knowledge Management, INLS 210-078

Management for Information Professionals, INLS 131

Database Management, LSC 740 (at Catholic University)

System Analysis and Evaluation, LSC 741 (at Catholic University)

Information Systems in Libraries and Information Centers, LSC 555 (at Catholic University)

Library Automation and Project Management, LSC 742 (at Catholic University)

Digital Library Foundations, LSC 875 (at Catholic University)

Telecommunications, LSC 880 (at Catholic University)

System Analysis and Design, INLS 60 (Spring 1997)

Information Tools, INLS 102 (Summer 1988)

Grants

WILIS2, PI: Joanne Marshall, Victor Marshall; Co-Investigators: Barbara Moran, Paul Solomon, Mark Winston, and Deborah Barreau [IMLS, 2007, awarded \$566,385 over 3 years].

NSF Course, Curriculum and Laboratory Improvement Grant proposal under development, amount \$150,000 (with Jane Greenberg and John Oberlin, submitted May 2006, not funded).

Information and Library Science and the Aging Workforce (WILIS). PI: Joanne Marshall, Victor Marshall, Co-Investigators: Barbara Moran, Paul Solomon, Deborah Barreau and Sheila Cref, [IMLS, December 15, 2004, amount awarded is approximately \$800,000 over 3 years]

Organizational Properties of Collaboratories, under NSF STI Center for Environmentally Responsible Solvents and Processes. Principal investigator, \$31,414.52, was not awarded.

Collaboratory on the Dynamics of Science and Engineering (cooperative grant, University of Pittsburgh is lead, submitted to NSF on March 29, 2004, \$1,245,834, PI: Deborah Barreau, Co-investigators: Gary Marchionini and Barbara Wildemuth (not awarded).

GovStat Project, \$5,000, summer 2003, principal investigator for a study of vertical integration between state and Federal agricultural agencies. Resulted in a peer-reviewed poster for Digital Government 2004.

Special Libraries Association, Steven I. Goldspiel Memorial Research Grant (2002-2003), \$10,955; Principal Investigator. Resulted in technical report, "The New Information Professional: Vision and Practice," a brief paper for *Information Outlook*, a presentation at the SLA 2004 annual meeting, and a paper for *Library & Information Science Research*.

Hitachi Foundation (1999-2000), \$100,000, Evaluator, "International Virtual Institute for Historical Studies of Mathematics." Resulted in a peer-reviewed conference paper, "Laying the Foundation for a Virtual Department," *Proceedings of the ASIST Annual Meeting, 2002*. Principal Investigator: Ronald Calinger, Department of History, Catholic University of America.

Catholic University Faculty Research Grant (1998), \$1,000, Principal Investigator. "The Role of Technology in Collection Development." Resulted in a peer-reviewed paper for *Library Collections, Acquisitions, & Technical Services*.

Engineering Information Foundation (1998-1999), \$85,000, Program Co-director. "Gateways in Engineering" project to encourage high school girls to follow careers in science and technology. Program Director and Principal Investigator: Corinna Lathan, School of Engineering, Catholic University of America.

Professional Service

Professional Affiliation and Activities

American Society for Information Science and Technology, 1988 to present.

Special Interest Group(s): HCI, USE, DL, MGT

Local arrangements committee for annual meeting, 1989 and 1991

Leadership Committee, 2002-present

Jury for Doctoral Dissertation Award, 2002

Organized panel session for annual meeting on organizational interfaces, 2003

Reviewed papers for publication in *JASIST*, 2002-2003, 2006, 2007

Panel, Personal Information Management, 2003 annual meeting

Organized panel session for annual meeting on LIS education for digital libraries, 2004 and moderated contributed papers session

Reviewed panels, posters, and contributed papers for 1998, 2005, 2006, and 2007 annual

meetings

Webmaster for SIG-MGT, 2005-present

Chair-elect for SIG-DL, 2006-2007

Chair, Outstanding Information Science Teacher Award Jury, 2007

ACM Association for Computing, 1995 to present.

Special Interest Group: Computer-Human Interaction (CHI)

Reviewed papers for publication in *Computing Surveys*, and *Communications of the ACM*

Program Committee, Designing and Evaluating Interfaces to Support Exploratory

Search Interaction, SIGCHI 2007 Workshop, April 2007, San Jose

Co-editor, *Transactions on Information Systems*, Special Issue on the Finding and Refinding of Personal Information (in process)

Association for Library and Information Science Education, 1997 to present.

Participated on panel, new faculty, on Digital Libraries, Philadelphia, 1998

Reviewed conference papers for 2006 meeting

Investigative Reporters & Editors, 2003

Attended Computer-Assisted Reporting conference in March 2003 for additional contacts related to the SLA/Goldspiel grant.

Special Libraries Association, 2004-

Research Committee, 2007-2009 (beginning a two-year term)

Institute of Museum & Library Services

Served on a panel to evaluate grant applications, Washington, DC., 2003

Invited participant, "News Libraries in Crisis," a summit on news libraries presented at the School of Information & Mass Communication, University of Minnesota, November 16-17, 2001.

Reviewed papers for American Medical Informatics Association conference, 2006

Reviewed papers for *Information Processing & Management*, 2007

University Activities

Elected to Faculty Council, spring 2005 for 3-year term (ends spring 2008).

Advisory committee for Health Sciences Library Collaboratory, 2004-2005

Search committee for Dean, School of Information and Library Science, 2003-2004.

Committee to evaluate the Social Sciences library for the Sociology and Political Science departments, 2003.

Ad hoc committee to produce Outcomes Assessment Plan, Catholic University, 2001.

Search committee for Dean, School of Library and Information Science, Catholic University, 1998-1999.

School Activities

Committee to select Outstanding Staff Award, Spring 2007.

SILS Undergraduate Committee, 2006-2007.

Faculty advisor, International Program at Oxford University, United Kingdom, Summer 2006.

Committee to select Outstanding Teaching Award winner, 2005 and 2006.

Appointed to Administrative Board for SILS for 2004-2007 term.

SILS Personnel Committee, 2002-2003, and 2005-2006.

SILS Salary Committee, 2004-2005, 2005-2006.

SILS Master's Committee, 2003-2004.

Advisory Board for the "Managing the Digital Desktop" project, Dr. Helen Tibbo (PI), funded by the National Historic Preservation and Records Commission, 2002-2004.

GovStat project participant, 2002-2005.

Govstat Help Symposium, January 2005, participant.

Chair, Technology Committee, Catholic University, 1999-2001.

Curriculum Committee, Catholic University, 1997-2002.