NAME: MARCIA JEANNE BATES

Dept. of Information Studies Room 230, GSEIS Building University of California (UCLA) Los Angeles, CA 90095-1520 work: 310-206-9353, Fax 310-206-4460 home: 818-909-9162

home: 818-909-9162 mjbates@ucla.edu

http://www.gseis.ucla.edu/faculty/bates/

RANK: Professor VI U.S. Citizenship

NATURE OF APPOINTMENT: Full time. Regular faculty. Tenured.

INITIAL APPOINTMENT: Associate Professor, Fall 1981.

EDUCATIONAL BACKGROUND:

Pomona College, 1959-1963, Claremont, CA, B.A. German, 1963.

University of California, Berkeley, 1966-1967, M.L.S., Librarianship, 1967.

University of California, Berkeley, 1967-1972, Ph.D., Librarianship, 1972.

AREAS OF SPECIAL COMPETENCY IN INFORMATION STUDIES EDUCATION:

Information search strategy; Information seeking behavior; User-centered design of information retrieval systems and interfaces; Subject access in manual and online systems; Science and technology information services.

TEACHING AND ADMINSTRATIVE EXPERIENCE:

Peace Corps Volunteer, taught English as a Foreign Language, Thailand, 1963-1965.

Acting Instructor, School of Information Studies, University of California, Berkeley, CA, 1969-1970.

Assistant Professor, College of Library and Information Services, University of Maryland, College Park, MD, 1972-1976.

Assistant Professor, 1976-1980; Associate Professor, 1980-1981, Graduate School of Library and Information Science, University of Washington, Seattle, WA.

Associate Professor, Graduate School of Library and Information Science, University of California, Los Angeles, CA, 1981-1991.

Professor, Graduate School of Library and Information Science, University of California, Los Angeles, CA, 1991-, Professor Step VI, 2000- .

Associate Dean, Graduate School of Library and Information Science, UCLA, 1992-1993.

CONSULTING EXPERIENCE:

Institute of Library Research, University of California, Berkeley, October 1972! February 1973.

U.S. National Commission on Libraries and Information Science, March 1973! October 1974.

American Chemical Society, October 1973.

Academic Press, May 1976, December 1978.

For Prof. P. Atherton, Syracuse University School of Information Studies, project funded by federal grant, December 1978.

Atari Inc., Sunnyvale, CA, November 1982.

U. S. Library of Congress, Cataloging Division, July 1986, May, 1991.

John Wiley and Sons, Publishers, July 1986.

Washington Consulting Group, Washington, D.C., August 1987.

Getty Art History Information Program, Santa Monica, CA. December, 1988, December, 1989-January 1990, April-August, 1990, October, 1990-June, 1991.

Bancroft Group, Los Angeles, CA, January-March, 1989.

California System Design, Inc., Los Angeles, CA, July-December, 1989, July, 1990-January, 1991.

Litton Guidance and Control Systems, Woodland Hills, CA, November, 1989.

OCLC Online Computer Library Center, June, 1990.

Stone and Webster Engineering Corp., Los Angeles, CA, 1991-1996.

Information Access Co., Foster City, CA, April 1992-June, 1993. (Infotrac and a variety of business and computer databases.)

Amgen, Inc., Thousand Oaks, CA, May 1995.

Ensemble, Inc. (then ensemble.com), San Rafael, CA, June 1997.

Getty Information Institute, Santa Monica, CA, June-August 1997.

Getty Research Institute, Los Angeles, CA, Feb. 1998-March 1999.

Electric Schoolhouse (lightspan.com), Pasadena, CA, Nov. 1998-Feb. 1999.

- Centro de Investigaciones Regionales de Mesoamerica (cirma.net), Antigua, Guatemala, August 2000.
- Library of Congress, Cataloging Directorate, Washington, DC, July, 2002-Jan. 2004.

PUBLICATIONS:

Books

- Cuadra, Carlos A., and Marcia J. Bates, eds. <u>Library and Information Service Needs of the Nation: Proceedings of a Conference on the Needs of Occupational, Ethnic, and other Groups in the United States</u>. Sponsored by the National Commission on Libraries and Information Science. Washington, D.C.: U.S.G.P.O., 1974, 314 p.
- White, Howard D., Marcia J. Bates, and Patrick Wilson. <u>For Information Specialists:</u> <u>Interpretations of Reference and Bibliographic Work</u>. Norwood, NJ: Ablex 1992, 310 pp.
- Rudell-Betts, Linda, and Marcia J. Bates. <u>LADWP Department Vocabulary</u> ("Thesaurus"), Print Version. 2nd ed. Los Angeles, CA: Los Angeles Department of Water and Power, November, 1992, 450 + 424 pp.

Book Chapters

- (Anon.) "Analysis of the User Needs Descriptions." In: <u>Library and</u>
 <u>Information Service Needs of the Nation</u>, pp. 249-263. Edited by Carlos A.
 Cuadra and Marcia J. Bates. Washington, D.C.: U.S.G.P.O., 1974.
- (Anon.) "Implications of the Conference." In: <u>Library and Information Service Needs</u> of the Nation, pp. 265-279. Edited by Carlos A. Cuadra and Marcia J. Bates. Washington, D.C.: U.S.G.P.O., 1974.
- Bates, Marcia J. "Library and Information Services for Women, Homemakers and Parents." In: <u>Library and Information Services Needs of the Nation</u>, pp. 129-141. Edited by Carlos A. Cuadra and Marcia J. Bates. Washington, D.C.: U.S.G.P.O., 1974.
- Bates, Marcia J. "Speculations on the Socio-Cultural Context of Public Information Provision in the Seventies and Beyond." In: <u>Library and Information Service Needs of the Nation</u>, pp. 51-76. Edited by Carlos A. Cuadra and Marcia J. Bates. Washington, D.C.: U.S.G.P.O., 1974.
- Bates, Marcia J. "The Berrypicking Search: User Interface Design."
 In: Interfaces for Information Retrieval and Online Systems: The State of the
 Art. Edited by Martin Dillon. Westport, CT: Greenwood Press, 1991, pp.55-61.
- Bates, Marcia J. "World Wide Web Opportunities in Subject Cataloging and Access."

In: <u>The Future of Cataloging: Insights from the Lubetzky Symposium</u>, p. 143-8. Edited by Tschera Harkness Connell and Robert L. Maxwell. Chicago: American Library Association, 2000.

Articles

- Bates, Marcia J. "A Campus Information Clearinghouse." <u>California Librarian</u> 31 (July 1970): 171-172.
- Bates, Marcia J. "SIG Cabinet News." <u>Bulletin of the American Society for Information Science</u> 1 (June/July 1974): 28, 35-36.
- Soergel, Dagobert and Bates, Marcia J. "A Modern Integrated Introduction to Library and Information Services." <u>SIG Newsletter</u> ED-1 (November 1974): 7-11.
- Bates, Marcia J. "SIG Cabinet Report." <u>Bulletin of the American Society for Information Science</u> 1 (November 1974): 24-25.
- Bates, Marcia J. "Rigorous Systematic Bibliography." RQ 16 (Fall 1976): 7-26.
- Bates, Marcia J. "Factors Affecting Subject Catalog Search Success." <u>Journal of the American Society for Information Science</u> 28 (May 1977): 161-169. REFEREED.
- Bates, Marcia J. "System Meets User: Problems in Matching Subject Search Terms." <u>Information Processing and Management</u> 13 (1977): 367-375. REFEREED.
- Bates, Marcia J. "An Exercise in Research Evaluation: The Work of L.C. Puppybreath." <u>Journal of Education for Librarianship</u> 19 (Spring 1979): 339-342.
- Bates, Marcia J. "Information Search Tactics." <u>Journal of the American Society for Information Science</u> 30 (July 1979): 205-214. REFEREED.
 - ALSO: Reprinted in <u>Reference and Information Services: A New Reader</u>, p. 275-299. Edited by Bill Katz and Anne Clifford. Metuchen, NJ: Scarecrow, 1982.
 - ALSO: Reprinted in <u>Training and Education for Online</u>, p. 96-105. Edited by Angela Haygarth Jackson. London: Taylor Graham, 1989.
- Bates, Marcia J. "Idea Tactics." <u>Journal of the American Society for Information Science</u> 30 (September 1979): 280-289. REFEREED.
 - ALSO: Excerpted and reprinted in <u>IEEE Transactions on Professional</u> Communication PC-23 (June 1980), 95-100.
 - ALSO: Reprinted in: <u>Training and Education for Online</u>, p.106-115. Edited by Angela Haygarth Jackson. London: Taylor Graham, 1989.
- Bates, Marcia J. "Search Techniques." <u>Annual Review of Information Science and Technology</u> 16 (1981): 139-169. REFEREED.
- Bates, Marcia J. "Locating Elusive Science Information: Some Search Techniques."

- Special Libraries 75 (April 1984): 114-120. REFEREED.
- ALSO: Reprinted in <u>Reference and Information Services: A Reader for Today</u>, pp. 307-315. Edited by Bill Katz. Metuchen, NJ: Scarecrow Press, 1986.
- Bates, Marcia J. "The Fallacy of the Perfect 30 Item Online Search." RO 24 (Fall 1984): 43-50. REFEREED.
 - ALSO: Reprinted in <u>Managing Online Reference Services</u>, pp. 238-250. Edited by Ethel Auster. New York: Neal-Schuman, 1986.
- Bates, Marcia J. "A Doctorate in Library/Information Science: Advice for Librarians Considering Ph.D. Studies." <u>Library Journal</u> 111 (1 September 1986): 157-159.
- Bates, Marcia J. "Subject Access in Online Catalogs: A Design Model." <u>Journal of the American Society for Information Science</u> 37 (November 1986): 357-376. REFEREED.
- Bates, Marcia J. "What Is a Reference Book? A Theoretical and Empirical Analysis." RO 26 (Fall 1986): 37-57. REFEREED.
- Bates, Marcia J. "How to Use Information Search Tactics Online." <u>Online</u> 11 (May 1987): 47-54.
 - ALSO: Reprinted in <u>Database Search Strategies and Tips: Reprints from The Best of Online / Database</u>. Weston, CT: Online, Inc., n.d., pp. 21-28.
- Bates, Marcia J. "How to Use Controlled Vocabularies More Effectively in Online Searching." <u>Online</u>, 12 (November 1988): 45-56.
- Bates, Marcia J. "Rethinking Subject Cataloging in the Online Environment." <u>Library</u> Resources & Technical Services, 33 (October 1989): 400-412. REFEREED.
- Bates, Marcia J. "The Design of Browsing and Berrypicking Techniques for the Online Search Interface." <u>Online Review</u>, 13 (October 1989): 407-424. REFEREED.
- Bates, Marcia J. "Where Should the Person Stop and the Information Search Interface Start?" <u>Information Processing & Management</u> 26 (1990): 575-591. REFEREED.
- Bates, Marcia J., Deborah N. Wilde, and Susan Siegfried. "An Analysis of Search Terminology Used by Humanities Scholars: The Getty Online Searching Project Report No. 1." <u>Library Quarterly</u> 63 (January 1993): 1-39. REFEREED.
- Siegfried, Susan; Bates, Marcia J.; and Wilde, Deborah N. "A Profile of End-User Searching Behavior by Humanities Scholars: The Getty Online Searching Project Report No. 2." <u>Journal of the American Society for Information Science</u> 44 (June 1993): 273-291. REFEREED.
- Bates, Marcia J. "The Design of Databases and Other Information Resources for

- Humanities Scholars: The Getty Online Searching Project Report No. 4." <u>Online and CD-ROM Review</u> 18 (December 1994): 331-340. REFEREED.
- Bates, Marcia J., Deborah N. Wilde, and Susan Siegfried. "Research Practices of Humanities Scholars in an Online Environment: The Getty Online Searching Project Report No. 3." <u>Library and Information Science Research</u> 17 (Winter 1995): 5-40. REFEREED.
- Bates, Marcia J. "Learning about the Information Seeking of Interdisciplinary Scholars and Students." <u>Library Trends</u> 45 (Fall 1996): 155-164. INVITED PAPER.
- Bates, Marcia J. "Document Familiarity in Relation to Relevance, Information Retrieval Theory, and Bradford's Law: The Getty Online Searching Project Report No. 5." <u>Information Processing & Management</u> 32 (November 1996): 697-707. REFEREED.
- Bates, Marcia J. "The Getty End-User Online Searching Project in the Humanities: Report No. 6: Overview and Conclusions. College & Research Libraries 57 (November 1996): 514-523. REFEREED.
- Kafai, Yasmin, and Bates, Marcia J. "Internet Web-Searching Instruction in the Elementary Classroom: Building a Foundation for Information Literacy." School Library Media Quarterly 25 (Winter 1997): 103-111. REFEREED.
- Bates, Marcia J., and Lu, Shaojun. "An Exploratory Profile of Personal Home Pages: Content, Design, Metaphors." <u>Online & CDROM Review</u> 21 (December 1997): 331-340. REFEREED.
- Bates, Marcia J. "The Role of Publication Type in the Evaluation of LIS Programs."

 <u>Library & Information Science Research</u> 20 (1998): 187-198. REFEREED.
- Bates, Marcia J. "Response to 'The Academic Elite in Library Science...'." College & Research Libraries 59 (May 1998): 275-280. REFEREED.
- Bates, Marcia J. "Indexing and Access for Digital Libraries and the Internet: Human, Database, and Domain Factors." <u>Journal of the American Society for Information Science</u> 49 (1998): 1185-1205. REFEREED.
- Bates, Marcia J. "Another Information System Fails—Why?" [OpEd article] <u>Los Angeles Times</u> (July 15, 1999): B9.
- Bates, Marcia J. Guest Editor, 50th Anniversary Issues, numbers 11 and 12, <u>Journal of the American Society for Information Science</u> 50 (1999): 958-1162. 30 refereed articles.
- Bates, Marcia J. "The 50th Anniversary of the *Journal of the American Society for Information Science*: Guest Editor Introduction." <u>Journal of the American Society for Information Science</u> 50 (1999): 958-964.
- Bates, Marcia J. "A Tour of Information Science through the Pages of *JASIS*." <u>Journal of the American Society for Information Science</u> 50 (1999): 975-993.
- Bates, Marcia J. "The Invisible Substrate of Information Science." <u>Journal of the American Society for Information Science</u> 50 (1999): 1043-1050. REFEREED

- Bates, Marcia J. "The Cascade of Interactions in the Digital Library Interface." <u>Information Processing and Management</u> 38, (2002): 381-400. REFEREED
- Bates, Marcia J.; Hulsy, Catharine; and Jost, Geoffrey. "Multimedia Research Support for Visiting Scholars in Museums, Libraries, and Universities." <u>Information Technology and Libraries</u> 21 (June 2002): 73-81. REFEREED
- Bates, Marcia J. "After the Dot-Bomb: Getting Web Information Retrieval Right This Time." First Monday 7 (July 2002) at http://firstmonday.dk, issues/issue 7/bates/, accessed 23 June 2002. REFEREED
- Bates, Marcia J. "Toward an Integrated Model of Information Seeking and Searching." New Review of Information Behaviour Research 3 (2002): 1-15.

Conference Proceedings

- Bates, Marcia J. "The Testing of Information Search Tactics." <u>Proceedings of the American Society for Information Science Annual Meeting</u> 15 (1978): 25-27. REFEREED.
- Bates, Marcia J. "A Criterion Citation Rate for Information Scientists."

 <u>Proceedings of the American Society for Information</u>
 <u>Science Annual Meeting</u> 17 (1980): 276-278. REFEREED.
- Bates, Marcia J. "Some Design Ideas for Subject Access in Online Systems." In: First_Subject Access in Online Systems." In: First_Subject Access in Online Systems.

 First_Subject Access in
- Bates, Marcia J. "An Exploratory Paradigm for Online Information Retrieval." In:

 <u>Intelligent Information Systems for the Information Society</u>. Proceedings of the Sixth International Research Forum in Information Science (IRFIS 6), Frascati, Italy, September 16-18, 1985, pp. 91-99. Edited by B. C. Brookes. Amsterdam: North-Holland, 1986. REFEREED.
- Bates, Marcia J. "Terminological Assistance for the Online Subject Searcher." In:
 Defense Technical Information Center and M.I.T. <u>Proceedings of the Second Conference on Computer Interfaces and Intermediaries for Information Retrieval</u>, Boston, MA, May 28-31, 1986, pp. 285-293. Alexandria, VA: Defense Technical Information Center, Office of Information Systems and Technology, 1986. Report No. NTIS/TR-86/5. INVITED PAPER.
- Bates, Marcia J. "Optimal Use of Controlled Vocabularies in Online Searching." In: <u>Online '87 Conference Proceedings, Part I</u>, pp. 14-19. Weston, CT: Online, Inc. [1987].
- Bates, Marcia J. "Information: The Last Variable." <u>Proceedings of the 50th ASIS Annual Meeting</u> 24 (1987): 6-10. REFEREED.

- Bates, Marcia J. "Designing Online Catalog Subject Access to Meet User Needs." In: <u>Fifty-fifth IFLA Council and General Conference</u>, Paris, France. August 19-26, 1989. Division of Bibliographic Control, Section on Classification and Indexing, pp. 40-24 40-26. [The Hague, Netherlands]: IFLA, 1989. INVITED PAPER.
- Bates, Marcia J. "Design for a Subject Search Interface and Online Thesaurus for a Very Large Records Management Database." <u>Proceedings of the 53rd ASIS Annual Meeting</u> 27 (1990): 20-28. REFEREED.
- Bates, Marcia J. "OPAC Use and Users: Breaking out of the Assumptions. "Think Tank on the Present and Future of the Online Catalog: Proceedings, ALA Midwinter Meeting, Chicago, IL, January 11-12, 1991. Chicago: American Library Association, Reference and Adult Services Division, 1991, pp. 49-58. (RASD Occasional Papers, No.9). INVITED PAPER.
- Bates, Marcia J. "Implications of the Subject Subdivisions Conference: The Shift in Outline Catalog Design." In: <u>The Future of Subdivisions in the Library of Congress Subject Headings System: Report from the Subject Subdivisions Conference</u>. Edited by Martha O. Conway. Washington, D.C.: Library of Congress Cataloging Distribution Service, 1992, pp. 92-98. INVITED PAPER.
- Bates, Marcia J. "Learning about Your Users' Information Needs: A Key to Effective Service." In: <u>PIALA '95: Preservation of Culture Through Archives & Libraries</u>. Edited by Arlene Cohen. Colonia, Yap, Federated States of Micronesia: Pacific Islands Association of Libraries and Archives, 1996, pp. 5-12. INVITED PAPER.
- "Applying User Research Directly to Information System Design" Panel abstract (panel organizer and speaker), <u>Proceedings of SIGIR '99</u>. Berkeley, CA, 1999, p. 263. REFEREED PANEL
- Bhavnani, Suresh, and Bates, Marcia J. "Separating the Knowledge Layers: Cognitive Analysis of Search Knowledge Through Hierarchical Goal Decompositions." <u>Proceedings of the 64th ASIST Annual Meeting</u>, vol. 39, 2002, pp. 204-213. REFEREED.
- Bates, Marcia J. "Speculations on Browsing, Directed Searching, and Linking in Relation to the Bradford Distribution," <a href="Emerging Frameworks and Methods: Proceedings of the Fourth International Conference on Conceptions of Library and Information Science (CoLIS4), Edited by Harry Bruce, Raya Fidel, Peter Ingwersen, and Pertti Vakkari. Greenwood Village, CO: Libraries Unlimited, 2002, pp. 137-150. REFEREED

Research Reports

- Bates, Marcia J. <u>User Studies: A Review for Librarians and Information Scientists</u>. March 1971, 60 p. ERIC #ED 047 738.
- Bates, Marcia J. "The Assignment of Index Terms." In: <u>The Organization and Search of Bibliographic Records Component Studies</u>, pp. 23-62. Edited by Ralph Shoffner and Jay L. Cunningham. Berkeley, CA: University of California, Institute of Library Research, September 1971. ERIC #ED 061 975.

- Bates, Marcia J. "Review of Literature Relating to the Identification of User Groups and Their Needs." In: Preliminary Investigation of Present and Potential Library and Information Service Needs. Final Report, pp. 36-68. By Charles P. Bourne, Victor Rosenberg, Marcia J. Bates and Gilda R. Perolman. Washington, D.C.: U.S. National Commission on Libraries and Information Science, February 1973. ERIC #ED 073 786.
- Bates, Marcia J. Expanded Entry Vocabulary for the Library of Congress Subject

 Headings: Final Report. Washington, DC: Council on Library Resources, July 1994, 27 p. [CLR Grant #891].
- Kafai, Y.; Bates, M.; Braxton, P.D.; Childs, D.; Ender, P.; Lo, H.H.; Martin, M.; Rose, K.; and Yarnall, L. <u>Building a Foundation for Information Literacy: Creating an Annotated WWW Index by Children for Children</u>. Cupertino, CA: Apple Computer Advanced Technology Group, May 23, 1996. 16+ pp. Apple Technical Report No. 154.
- Kafai, Y.B.; Bates M.; Ender, P. et al. <u>SNAPshots of Presidential Elections: Providing Collaborative WWW-Information Resources and Exchanges for Elementary and Middle School Classrooms</u>. Los Angeles, CA: UCLA-Kids Interactive Design Studios Report No. 97-3.

Reviews

- <u>Interaction in Information Systems: A Review of Research from Document Retrieval to Knowledge-Based Systems</u>, by N.J. Belkin and A. Vickery. <u>Information Processing and Management</u> 23 (1987): 65-66.
- Four Indications of Current North American Library and Information Doctoral Degree Programs, by William H. Reid. Library and Information Science Research 9 (July-September 1987): 236-237.
- Success in Answering Reference Questions: Two Studies, by Frances Benham and Ronald R. Powell. <u>Library Quarterly</u> 58 (October 1988): 405-406.
- Manual of Online Search Strategies, edited by C.J. Armstrong and J.A. Large. <u>Information Processing and Management</u> 25 (1989): 215-216.
- Matching OPAC User Interfaces to User Needs, by F.J. Murphy, A.S. Pollitt, and P.R. White. Journal of Documentation 49 (March 1993): 72-74.
- <u>Seeking Meaning: A Process Approach to Library and Information Services</u>, by Carol Collier Kuhlthau. <u>Library Quarterly</u> 64 (October 1994): 473-475.
- <u>Networking in the Humanities</u>. Edited by Stephanie Kenna and Seamus Ross. <u>Library</u> Quarterly 67 (January 1997): 90-92.

- <u>Information Seeking and Subject Representation: An Activity-Theoretical Approach to Information Science</u>, by Birger Hjørland. <u>Library Quarterly</u> 69 (January 1999): 112-113.
- <u>Information Seeking in Context.</u> Edited by Pertti Vakkari. <u>Library Quarterly</u> 69 (July 1999): 378-380.

Other

- Bates, Marcia Jeanne. "Factors Affecting Subject Catalog Search Success." Ph.D. dissertation, University of California, Berkeley, 1972.
- Bates, Marcia; Kalbarczyk, Sharon; and Beckman, Carl. "Information Facilities." [Slide/tape, 125 slides.] College Park, MD: University of Maryland, College of Library and Information Services, 1974.
- Soergel, Dagobert, and Bates, Marcia. "A Modern Integrated Introduction to Library and Information Services." Presented at the 37th Annual Meeting of the American Society for Information Science, Atlanta, GA, October 15, 1974. 35p.
- Bates, Marcia J. Response (p. 252) in Cochrane, Pauline A., "Modern Subject Access in the Online Age." <u>American Libraries</u> 15 (April 1984): 250-255.
- Bates, Marcia J. "Foreword." In: Subject Searching in <u>Library Catalogs</u>, p. xiii. By Karen Markey. Dublin, OH: OCLC Online Computer Library Center, 1984.
- Bates, Marcia J. "Disastrous Fire at Central Library." Letter to the Editor, <u>Los Angeles Times</u>, 11 May 1986.
- Bates, Marcia J. "Fast Library Research: Techniques of Expert Researchers and Librarians." Los Angeles, CA: UCLA, Graduate School of Library and Information Science, 1987. 33 p.
- Anon. UCLA Graduate School of Library and Information Science. Self Review 1992/93 to the Graduate Council of the UCLA Academic Senate. November 1, 1992. 126 p.
- CLA Task Force on the Future of Librarianship (member). <u>Future Directions for the Library Profession and Its Education</u>. n.p. California Library Association, August 1996. 9 p.
- Bates, Marcia J. "Berrypicking." [Letter] <u>Journal of Documentation</u> 52 (September 1996): 350-351.
- Bates, Marcia J. "Response to Bair and Barrons' Response." <u>College & Research Libraries</u> 59 (September 1998): 481.
- Bates, Marcia J. "Statement from the UCLA Dept. of Information Studies on LIS Curricula for the ALA Congress on Professional Education." April 8, 1999. url: http://www.ala.org/congress/ucla_print.html.

RESEARCH GRANTS:

Principal Investigator, University of Maryland, General Research Board Grant, 2 months' salary, Summer 1975.

Principal Investigator, University of Washington Graduate School Research Fund Grant, 1 month salary, Summer 1978.

Principal Investigator, Library Career Training Program Fellowships, Higher Education Act, Title II-B, U.S. Dept. of Education. Separate grants awarded annually:

1985-86	\$28,000
1986-87	\$40,000
1987-88	\$56,000
1989-90	\$10,800
1994-95	\$44,000

Principal Investigator, with James Trent, Graduate School of Education, Co-Principal Investigator; "Evaluation of New Approach to Undergraduate Bibliographic Instruction," UCLA Academic Senate Committee on Research. \$3,291, 1987-88.

Principal Investigator, "Review of Issues Associated with the Provision of Expanded Entry Vocabulary for the <u>Library of Congress Subject Headings</u>." Council on Library Resources contract, \$6,000, 1992-93.

Principal Investigator, "Sources of Error in Reference Interviews," UCLA Academic Senate Committee on Research.

1993-94	\$2,100
1994-95	\$1,600
1995-96	\$1,600

Co-Principal Investigator, "Social Aspects of Digital Libraries" Conference, February 15-17, 1996, Department of Library and Information Science, UCLA. Funded by National Science Foundation, \$36,027.

Principal Investigator, "Faceted Classification Techniques for Indexing Digital Libraries," UCLA Academic Senate Committee on Research, \$1,360, 1997-98.

Principal Investigator, with Mary N. Maack, Co-Principal Investigator, "Surfing and Searching: Accessing and Using Print, Electronic, and Multimedia Information," UCLA Office of Instructional Development Instructional Improvement Grant, \$4,320 plus .17 Teaching Assistant release time, 1998-99.

HONORS, AWARDS, ETC.:

Phi Beta Kappa, 1963.

Graduated Pomona College cum laude, 1963.

Pomona College Scholarships, 1959-1961.

- California State Scholarships, 1961-1963.
- Doctoral Fellowships, Title II-B, Higher Education Act of 1965, U.S. Office of Education, 1967-1968, 1968-1969, 1969-1970.
- "Best <u>Journal of the American Society of Information Science</u> Article for 1979."

 Awarded by American Society for Information Science, October 1980, for "Information Search Tactics."
- Fellow, American Association for the Advancement of Science, elected February, 1990.
- Distinguished Lectureship Award, New Jersey, ASIS (American Society for Information Science), October 10, 1991.
- Listed, Who's Who in Science and Engineering, 1992- editions.
- Visiting Scholar, School of Information and Library Science, University of North Carolina, Chapel Hill, NC, week of September 13, 1993.
- "Contributions to Information Science" Award, Annual Awards
 Dinner of the Los Angeles Chapter of the American Society for
 Information Science, October 25, 1995.
- Listed, Who's Who in America, 1997- editions.
- "Top Twenty Articles on Library Instruction" Award, Library Instruction Round Table, American Library Association, 1997, for "Internet Web-Searching Instruction in the Elementary Classroom: Building a Foundation for Information Literacy."
- "Research in Information Science" Award, American Society for Information Science, 1998.
- "Interviews with ASIS Winners," Marcia Bates, 1998 Award for Research in Information Science, in <u>OASIS</u> 36 (Winter 1999): 7 +10 +14.
- Srygley Lecture (endowed), School of Information Studies, Florida State University, Tallahassee. Oct. 16, 1999.
- Lazerow Lecture (endowed), School of Library and Information Science, University of Kentucky, Lexington, KY, Oct. 13, 2000.
- "Best <u>Journal of the American Society of Information Science</u> Article for 1999."

 Awarded by American Society for Information Science, November 2000, for "The Invisible Substrate of Information Science."
- Frederick G. Kilgour Award for Research in Library and Information Technology, 2001. Library and Information Technology Association/American Library Association.

ACTIVITIES IN SCHOLARLY AND PROFESSIONAL ASSOCIATIONS:

American Association for the Advancement of Science, member, 1968-

AAAS Section on Information, Computing, and Communication, Electorate Nominating Committee, member, 1980-1984.

Chair, AAAS Section on Information, Computing, and Communication, Electorate Nominating Committee, 1983-1984.

Fellow, AAAS, 1990-

Member-at-Large, Section Committee (governing board) of Section on Information, Computing, and Communication, 2000-2004.

American Library Association, member, various years.

Committee on Accreditation Evaluation Team for University of North Carolina School of Information and Library Science, Fall, 1999.

Committee on Accreditation Evaluation Team for SyracuseUniversity School of Information Studies, Fall, 2001.

American Society for Information Science, member, 1968-

ASIS Classification Research Special Interest Group Cabinet Representative, 1972-1973.

ASIS Council Executive Committee member, 1973-1974.

Special Interest Group Cabinet Councilor (i.e., member, ASIS Board of Directors), 1973-1974.

Publication Awards Committee to select best information science book and best <u>Journal</u> of the American Society for Information Science article of the year, member 1978.

ASIS Jury to select best submitted dissertation proposal to receive Institute for Scientific Information scholarship award, member, 1982, 1983, 1999.

Chair of Jury to select "Best <u>Journal of the American Society for Information Science</u> Article of the Year Award," 1988.

Research Committee, member, 1988-89; Chair, Research Award Jury, 2001.

Moderator, Session of Special Interest Group on Human-Computer Interaction "User Online Interaction Retrospective." American Society for Information Science Midyear Meeting, San Diego, CA, May 23, 1989.

Member of the Jury to select "Best <u>Journal of the American Society for Information Science</u> Article of the Year Award," 1993.

Member of the Jury to select UMI Doctoral Dissertation Award, 1999.

Mentor for doctoral student mentoring program, ASIS Conference, November 1999; November 2002.

Member, Annual Conference Technical Program Committee, 2001.

Chair of Annual Conference Technical Program Committee, Long Beach, CA, October 2003.

Regular attendance and frequent speaker at ASIS conferences.

Association for Academic Women, UCLA, member, 1983-1988.

Co-Organizer of AAW monthly program, 'Women in "Women's Professions': Second Class Citizens Or...?" UCLA Faculty Center, March 18, 1986.

Association for Computing Machinery, 1996-

Technical Papers Committee, ACM Digital Libraries '97 Conference, Member, 1996-97.

Final "Meta-reviewer" panel for annual conference papers, ACM Special Interest Group on Information Retrieval (SIGIR), 1999, 2000.

Association for Library and Information Science Education, member, 1988-

Program Planning Committee, member, 1995-1996.

Research Committee, member, 1996-1998.

Research Committee awards jury, member, 1995-1997, 1998-1999.

Association of Records Managers and Administrators, member 1991-2001.

California Cataloging Colloquium, member, 1983-1993.

Program Organizer and Chair of California Cataloging Colloquium, February 15-16, 1986.

Program Co-Organizer and Chair of California Cataloging Colloquium, April 3-5, 1992.

Regular speaker at CCC.

California Library Association, member 1993-2000.

CLA Task Force on the Future of the Library Profession, member, 1994-1996.

International Communication Association, member, 1977-1989.

Phi Beta Kappa, member 1963-

Stanford Professional Women, member, 1985-

UCLA Faculty Seminar on Women, Culture, and Theory, member, 1986-1990.

Women Studies Research Group, University of Washington, member, 1977-1981.

GENERAL PROFESSIONAL ACTIVITIES:

Grant and Fellowship Reviewing:

National Science Foundation, research grants:

Division of Information Science and Technology, 1978-1986.

Political Science Program, 1982.

Division of International Programs, 1984.

Databases, Software Development Program, 1992.

National Endowment for the Humanities, research grants, 1986, 1996.

Council on Library Resources, research grant, 1986.

Jacob K. Javits Fellows Selection Panel, U.S. Dept. of Education, Office of Higher Education Programs, member, 1987.

<u>Journal Article Refereeing and Editorial Board Service</u>:

Journal of the American Society of Information Science, 1978-

Member, Editorial Board, <u>Journal of the American Society for Information Science</u>, 1989-

Library and Information Science Research, 1982-

Information Processing & Management, 1985-

Library Resources & Technical Services, 1986-

<u>Proceedings of the American Society for Information Science-Annual Meeting</u>, 1989, 1990

Library Quarterly, 1989-

Member, Editorial Board, Library Quarterly, 1993-2000.

Online, 1990-

Canadian Journal of Information Science, 1991-

Annual Review of Information Science and Technology, 1991-

Member, Advisory Committee, <u>Annual Review of Information Science and Technology</u>, 1994-96.

International Information and Library Review, 1995-

Computers and the Humanities, 1996-

Member, Editorial Board, Encyclopedia of Library and Information Science, 1999-

Information Retrieval, 2001-

Knowledge Organization, 2001-

Journal of Digital Information, http://jodi.ecs.soton.ac.uk/, 2002-

Workshop Design (hired as consultant to design and present):

"Science and Technology Literature" for approximately 70 librarians of the Santiago Library System in Orange County, CA, February 10, 1983.

"Enhancing Online Search Skills." Two workshops for a total of 70 librarians.

Sponsored by Continuing Library Education Project--Oregon (project funded by the U.S. Library Services and Construction Act). Beaverton, OR, May 1, 1986, and Eugene, OR, May 2, 1986.

"Perspectives in Indexing and Searching." With Ev Brenner. All-day workshop with 23 attending. National Online Meeting, New York, April 30, 1990.

Invited Conference Participant (speaker or discussant):

Library and Information Service Needs of the Nation. Sponsored by the U.S. National Commission on Libraries and Information Science, Denver, CO: May 1973. (24 attendees)

A Library and Information Science Research Agenda for the 1980s.

Sponsored by the Office of Libraries and Learning Technologies, U.S. Dept. of Education, Airlie House, VA: July 1981.. (26 attendees)

Users Group Conference. Sponsored by Institute for Scientific Information. Philadelphia, PA: Nov. 13!15, 1985. (25 attendees)

Classification as Subject Enhancement in Online Catalogs.

Sponsored by OCLC and The Council on Library Resources, Dublin, OH:
January 27!28, 1986. (30 attendees)

Think Tank on the Present and Future of the Online Catalog. Sponsored by Reference and Adult Services Division, Catalog Use Committee, American Library Association. Chicago, IL: January 11-12, 1991. (10 attendees)

Subject Subdivisions Conference. Sponsored by U.S. Library of Congress. Airlie

- House, VA: May 9-12, 1991. (45 attendees)
- User Interfaces for Online Public Access Catalogs. Sponsored by the University of Maryland Human-Computer Interaction Laboratory and the Library of Congress. Washington, D.C.: November 1, 1991. (35 attendees)
- "Four Challenges to the Field." Conference on the Future of Library Education, University of Michigan, Ann Arbor, April 3, 1995. (40 attendees)
- Social Aspects of Digital Libraries Conference. Sponsored by UCLA Dept. of Library and Information Science and U.S. National Science Foundation. GSE&IS, UCLA, Los Angeles, CA: Feb 15-17, 1996. (35 attendees)
- Keynote speaker. Conference on Semantic Information Systems. Getty Information Institute, Los Angeles, CA, October 10-11, 1996. (30 attendees)
- Congress on Professional Education. Special invited conference, American Library Association, Washington, DC, April 30-May 1, 1999. (150 attendees)
- Bicentennial Conference on Bibliographic Control for the New Millennium:

 Confronting the Challenges of Networked Resources and the Web. Library of Congress Cataloging Directorate, Washington, DC, Nov. 15-17, 2000. (150 attendees)

Speeches and Workshop Presentations (not otherwise published):

- "Educating Librarians and Users for a New Model of Library Service," American Library Association Annual Conference, San Francisco, CA, July 1, 1975.
- Principal speaker, two!day workshop entitled "Information Services: Current Research, Future Design," sponsored by the Baltimore Regional Planning Council and the Maryland State Department of Education Division of Library Development and Services. Baltimore, MD, November 18!19, 1976.
- "User Studies!!Where Do They Lead?" University of Washington School of Librarianship Annual Alumni Day Institute, Seattle, WA, May 20, 1977.
- "Information Search Tactics," at an institute "New Techniques in the Teaching of Online Searching," funded by U.S. Office of Education. Univ. of Washington School of Librarianship, Seattle, WA, March 24, 1978.
- "Information Search Tactics." Associated Librarians of University of Washington Forum, Seattle, WA, June 5, 1978.
- "Information Search Tactics," at a three!day seminar entitled "Indexing in Perspective," sponsored by the National Federation of Abstracting and Indexing Services. Berkeley, CA, May 11, 1979.
- "Information Search Tactics." American Society for Information Science, Pacific-

- Northwest Chapter Annual Meeting, Portland, OR, July 20, 1979.
- "Idea Tactics in the Online Environment." American Society for Information Science, Pacific!Northwest Chapter Annual Meeting, Portland, OR, June 27, 1980.
- "Search Strategy." Los Angeles Chapter of American Society for Information Science, Los Angeles, CA, Fall, 1981.
- "New Ideas in Search Strategy." GSLIS Alumni, UCLA, Los Angeles, CA, Spring 1982.
- "Some Design Principles for Subject Access in Online Catalogs." California Cataloging Colloquium, Los Angeles, CA, March 9, 1984.
- "Information World: Information Futures," noon presentation to students at Graduate School of Management, UCLA, April 9, 1985.
- "Rigorous Systematic Bibliography." Lecture to class in bibliography, Royal School of Librarianship, Copenhagen, Denmark, September 24, 1985.
- "An Exploratory Paradigm for Online Information Retrieval." Guest Lecture, Royal School of Librarianship, Copenhagen, Denmark, Sept. 24, 1985.
- Moderator, Contributed Paper Session "Databases: Organization and Access" American Society for Information Science Annual Meeting, Las Vegas, NV, October 22, 1985.
- "Update on Current Work." California Cataloging Colloquium, Los Angeles, CA, February 16, 1986.
- "A Design for Subject Access in Online Catalogs." Librarians' Association of the University of California (LAUC), U.C. San Diego Library, March 13, 1986.
- "Subject Access in Online Catalogs: A Design Model." Colloquium, Graduate School of Library and Information Science, UCLA, April 10, 1986.
- "What Studies of Information Seeking Suggest for Bibliographic Instruction."

 California Library Association Annual Conference, California Clearinghouse on Library Instruction, Long Beach, CA, November 15, 1986.
- "Things I Wish They'd Told Me (Before I Started Working)." Stanford Professional Women, Athenaeum, California Institute of Technology, Pasadena, CA, March 26, 1987.
- "Rethinking Authority Control for Online Catalog Subject Access." American Library Association Annual Conference, New Orleans, LA, July 11, 1988.
- "Turning an Idea into a Research Project." Librarians' Association of UCLA (LAUC-LA), Powell Library, UCLA. April 26, 1989.
- "Update on Subject Search Interface Work." California Cataloging Colloquium, San Diego, CA. May 29, 1989.
- "Improving Search Term Match Rates through the OPAC User Interface. "American Society for Information Science Midyear Conference, San Diego, CA. May 23,

- "New Directions in the Study of Scholarly Communication." International Communication Association, San Francisco, CA. May 28, 1989.
- "Browsing and Search Interface Design." Colloquium, Graduate School of Library and Information Science, UCLA. January 18, 1990.
- "Information Seeking of Young People." At workshop titled "Discovery: Information Age Kids and the Research Process." UCLA Extension, Los Angeles. May 12, 1990.
- "Does It Make Sense to Use LCSH in Online Catalogs?" Iowa Library Association, Des Moines, IA. October 11, 1990.
- Colloquium Moderator, "Music and Censorship: Implications for a Democratic Society." Sponsored by the Friends of the UCLA Library and the Graduate School of Library and Information Science First Amendment Information Resources Center, UCLA. May 23, 1991.
- "Interaction between the Design of the Online Catalog and the Design and Rules of LCSH." California Library Association, Technical Services Chapter, Cerritos, CA. September 26, 1991.
- "Some Essential Considerations in the Design of Information Retrieval Systems and Interfaces." New Jersey American Society for Information Science Distinguished Lectureship, Rutgers University, New Brunswick, NJ. October 10, 1991.
- "Larger Targets: Improving Subject Retrieval in Megadatabases." At Research Workshop: "User Interfaces for Online Public Access Catalogs," Library of Congress, Washington, D.C. November 1, 1991.
- "Online Searching in the Humanities: A Joint Project with the Getty." GSLIS Faculty Showcase, Graduate School of Library and Information Science, UCLA. April 11, 1992.
- "Features in Subject Tools that Promote Good Online Retrieval." American Library Association, San Francisco, CA, June 28, 1992.
- "Desirable Features in Thesauri for Online End Users in the Humanities." American Society for Information Science, Annual Conference, Pittsburgh, PA, October 27, 1992.
- Discussant, "Standards for Information Retrieval Indexes." American Society for Information Science Annual Conference, Pittsburgh, PA, October 28, 1992.
- "Humanities Researchers Really are Different: Results of the Getty Online Searching Project." Duke University, Durham, NC, October 30, 1992.
- "What do Humanities Online Searchers Need from a Thesaurus? Results of the Getty Online Searching Project." 21st Annual Conference of Art Libraries Society of

- North America, San Francisco, CA, February 2, 1993.
- "Humanities Researchers Really are Different: Results of the Getty Online Searching Project." Library Seminar, Doheny Memorial Library, University of Southern California, Los Angeles, CA, April 8, 1993.
- "Data Organization for Subsequent Retrieval." Catalog Interoperability NASA Science Internet Workshop, San Diego, CA, April 27, 1993.
- "Use of Online Searching by Humanities Scholars and End Users." School of Library and Information Science, University of North Carolina, Chapel Hill, NC, September 15, 1993.
- "GSLIS and the Professional Schools Restructuring Initiative." Law School, UCLA, September 20, 1993.
- "Future of Library Education in the Los Angeles Area." Association of Jewish Libraries, Los Angeles, CA, September 20, 1993.
- "Library Education in Southern California." California Library Association, Corona Public Library, Corona, CA, October 15, 1993.
- "Expanded Entry Vocabulary for the <u>Library of Congress Subject Headings</u>." U.S. Library of Congress, Washington, DC, October 22, 1993.
- "Facet Analysis for Online Retrieval in the Humanities." American Society for Information Science Annual Conference, Columbus, OH, October 25, 1993.
- "Humanities Researchers' Use of Online Searching in Their Scholarship." American Society for Information Science Annual Conference, Columbus, OH, October 26, 1993.
- "What's New in Library Education and Recruitment." Metronet Libraries. UCLA, March 30, 1994.
- "Chair's Report." Graduate School of Library and Information Science Annual Alumni Luncheon, UCLA, April 23, 1994.
- Graduation Speaker, School of Library and Information Studies, University of California, Berkeley, CA, May 15, 1994.
- "Overcoming Communication Barriers among Information System Designers, Librarians, and End Users." American Library Association Annual Conference, Miami Beach, FL, June 25, 1994.
- "The Role of Library and Information Science Programs in Research Universities." American Library Association Annual Conference, Miami Beach, FL, June 27, 1994.
- "Shared Interests of Our Merged Schools." Orientation Talk, Graduate School of Education and Information Studies, UCLA, September 28, 1994.

- "Future of Academic Indexing." American Society of Indexers, Costa CA October 8, 1994.
- Mesa,
- "Improving the Role of Classification in the Future." Thirty-Sixth Allerton Institute: New Roles for Classification in Libraries and Information Networks. Monticello, IL, October 25, 1994.
- "Campus Visibility in Times of Change." Association for Library and Information Science Education, Council of Deans, Philadelphia, February 3, 1995.
- "Chair's Report." UCLA LIS Alumni Association, Annual Luncheon, UCLA, April 1, 1995.
- Reactor, "Unlimiting the Library." Librarians Association of the University of California, Santa Barbara, Santa Barbara, CA, May 5, 1995.
- "Reflections on My Life in Information Science." Annual Awards Dinner of the Los Angeles Chapter of the American Society for Information Science, October 25, 1995.
- "Learning about Your Users' Information Needs." Guam Library Association, Guam Island, November 4, 1995.
- "Training Librarians to Teach Electronic Resources." Southern California Electronic Library Consortium Annual Conference. Center for Scholarly Technology, University of Southern California, Los Angeles, CA, May 3, 1996.
- "Human, Database, and Domain Factors in Content Indexing and Access to Digital Libraries and the Internet." Graduate School of Library and Information Science, University of Illinois, Champaign-Urbana, IL, October 25, 1996.
- "Organizing Information in Digital Libraries." Libraries, People and Change: A Research Forum on Digital Libraries, Thirty-Eighth Allerton Institute, Monticello, IL, October 28, 1996.
- "Information and Technology Literacy." Colloquium Series: Scholarship in a New Media Environment, Office of Instructional Development, UCLA, Los Angeles, CA, February 21, 1997.
- "Shaping a Research Idea into a Workable Project." Association for Library and Information Science Education Annual Conference. New Orleans, LA, January 7, 1998.
- "Information Science: The Invisible Substrate." Dept. of Information Studies Colloquium, UCLA, Los Angeles, CA, January 22, 1998.
- "The Unique Knowledge Domain That Is Classification for Retrieving Information." American Society for Information Science Annual Conference. Pittsburgh, PA, Oct. 26, 1998.

- Reactor, "Major Pressures in Higher Education Today." Plenary Session, Association for Library and Information Science Education Annual Conference. Philadelphia, PA, January 27, 1999.
- "Educating for User-Centered Design of Information Systems and Services." Association for Library and Information Science Education Annual Conference. Philadelphia, PA, January 28, 1999.
- "Information Curriculum for the 21st Century." Congress on Professional Education, American Library Association, Washington, DC, May 1, 1999.
- Reactor, "Information Use in the Professions." American Society for Information Science Midyear Meeting, Pasadena, CA, May 25, 1999.
- "Designing Information Systems for the Particular Needs of Humanities Scholars."

 Museums, Libraries, and Archives: Summer Institute for Knowledge Sharing,
 Getty Information Institute and UCLA, Los Angeles, CA, August 5, 1999.
- All-Nordic special graduate course on Cognition, Learning, and Information Seeking, Department of Information Studies, Åbo Akademi University, Turku, Finland, Aug. 31-Sept. 3, 1999. Three lectures:
 - "Supporting and Thwarting Information Seeking." Aug. 31, 1999.
 - "Necessary (and Surprising) Learning for Information Seeking." Sept. 1, 1999.
 - "Embedding Understanding of the User in Information System Design." Sept. 1, 1999.
 - "The Invisible Substrate of Information Science." Royal School of Library and Information Science, Copenhagen, Denmark, September 10, 1999.
 - Keynote address. American Society for Information Science Pacific Northwest Chapter Fall 1999 meeting, Redmond, WA, September 17, 1999.
 - "The Role of the Ph.D. in a Professional Field." Srygley Lecture (endowed). School of Information Studies, Florida State University, Tallahassee, FL, October 16, 1999. url: http://www.gseis.ucla.edu/faculty/bates/
 - "The Influence of Discipline/Domain on Information Seeking Behavior." Panel member. American Society for Information Science Annual Conference, Nov. 2, 1999.
 - "New Interface Technologies, Old Search Interaction Models: What Next?" Panel member, American Society for Information Science Annual Conference, Nov. 3, 1999.
 - "The Invisible Substrate of Information Science." ALA Student Chapter, San Jose State University, San Jose, CA March 7, 2000.
 - "Information Studies at UCLA: The State of the Art" Panel. Librarians' Association of the University of California, UCLA Chapter, UCLA, Los Angeles, CA March 10,

- "Librarians' Image: Shaping Our Own Future," California Academic and Research Libraries conference, Long Beach, CA, Oct. 6, 2000.
- "The Biological and Social Consequences of Information Seeking," Series: Explorations of Emerging Issues. Dominican University Graduate School of Library and Information Science, and North Suburban Library System, Wheeling, IL, Oct. 11, 2000.
- "The Biological and Social Consequences of Information Seeking," Lazerow Lecture (endowed), School of Library and Information Science, University of Kentucky, Lexington, KY, Oct. 13, 2000.
- "The Relation of Information System Design to Information Literacy," New Technologies, New Literacies: The Pacific Bell / UCLA Summit, UCLA, Los Angeles, CA, Oct. 21, 2000.
- "Tenure: 'The Rules,'" Association of Library and Information Science Education 2001 Conference, Washington, DC, Jan. 10, 2001.
- "Natural and Represented Information." Information Studies Departmental Colloquium, UCLA, Los Angeles, CA, Oct. 11, 2001.
- "The State of User Studies." American Society for Information Science and Technology. 2001 Conference, Washington, DC, Nov. 5, 2001.
- "United States/Canadian Practices in Library and Information Science Education." Portuguese Culture Ministry, Lisbon, Portugal, Sept. 9, 2002.
- Keynote address. Information Seeking in Context Conference, Universidade Lusiada, Lisbon, Portugal, Sept. 11, 2002.
- "On Documents and Antelopes." School of Information, University of Michigan, Ann Arbor, MI, Sept. 18, 2002.
- "Toward an Integrated Model of Information Seeking and Searching." Michigan Chapter, Association for Computing Machinery, Special Interest Group on Human-Computer Interaction, Ann Arbor, MI, Sept. 18, 2002.
- "Conceptualizing Users and Uses." American Society for Information Science and Technology Annual Conference, Philadelphia, PA, Nov. 18, 2002.
- "Conceptions of Information as Evidence." American Society for Information Science and Technology Annual Conference, Philadelphia, PA, Nov. 20, 2002.
- "Science Users and Information Literacy." Science and Engineering Librarians (SEAL), California State University, Pomona, CA, April 25, 2003.

DEPARTMENTAL AND UNIVERSITY COMMITTEE SERVICE:

Within College of Library and Information Services, University of Maryland:

Doctoral Committee (committee that supervised doctoral program), member, 1972!1973.

Curriculum Committee, member, 1972!1973.

Doctoral Committee, Chair, 1973!1974.

Curriculums Programs, and Research Committee, Chair, 1973!1974.

Faculty Search Committee, member, 1974.

College Collegium (governing body of College), Chair, 1975!1976.

Ad Hoc Committee on Extension Courses, member, Spring 1976.

Within Division of Human and Community Resources, University of Maryland: (The University of Maryland was divided into five divisions at that time, each headed by a provost.)

Service Study Committee, member, Fall 1972.

Ad Hoc Affirmative Action Committee, member, Fall 1975.

Representative, as Chairperson of College Collegium, to "Faculty Assembly Chairpersons" meetings on regular basis with Provost of Division, 1975!1976.

<u>University!wide</u>, <u>University of Maryland</u>:

Adjunct Committee on Professional Ethics and Faculty Conduct, member, 1972!1973.

Adjunct Committee on Research, member, 1973!1974.

Graduate Faculty, Associate Member, 1973!1975. Regular Member, 1975!1976.

To the Maryland Community:

Representative for the College of Library and Information Services to the Technical Committee on Library Services of the Baltimore Regional Planning Council, 1975!1976.

Within School of Librarianship, University of Washington:

Task Force on Team Teaching, Chair, 1976!1977.

Curriculum Task Force, member, 1976!1977.

Space Needs Task Force, member, May!June 1978.

Awards, Scholarships, and Loans Committee, Chair, 1979!1981.

<u>University!wide, University of Washington:</u>

Graduate Faculty, member, 1977!1981.

University Faculty Senate, Senator, 1978!1980 term.

Within Graduate School of Library and Information Science, UCLA:

Chair, Ph.D. Committee (Supervises Ph.D. program!!admissions, examinations, policy, etc.), 1982!1984.

Library Committee, Chair, 1985!1986.

Comprehensive Examination Committee, Chair, Spring, 1986; Winter, 1987; Fall, 1987; Fall, 1988 - Spring, 1990; Fall 1993-Spring 1994.

United Way Campaign Chair, 1988-1990.

Awards Committee, member, 1989-1990.

Search Committee for Recruitment and Placement Officer for GSLIS, member, 1990.

Search Committee for three Faculty positions, Chair, 1990.

Core Curriculum Committee, Chair Pro Tem, Fall, 1990.

Admissions Committee, Member, 1990-1991, Chair, 1991-1992.

Various sub-committees on curriculum revision, member, 1991-1992.

Preparation of internal departmental report on national standing of GSLIS faculty, Fall 1992.

Preparation of several drafts of GSLIS Self Review document for Graduate Council Review, Spring 1993.

Interests and Welfare Committee, Chair, 1992-1993.

Awards Committee, member, 1992-1993.

Associate Dean, 1992-1993.

Search Committee for Faculty position, Chair, 1993-1994.

Ph.D. Program Committee, member, 1993-1994.

Within Graduate School of Education and Information Studies:

GSE&IS Executive Committee, member, 1994-95.

Task Force on Education/LIS Programs, Member, 1994-95.

Revenue-Centered Management Task force, member, 1995.

Faculty Executive Council, Member-at-Large, 2000-01.

Within Department of Information Studies:

Chair of Department, 1993-1995.

Ph.D. Program Committee, Chair, 1994-95, member, 1995-96.

Search Committee for two Faculty positions, Chair, 1994-95.

Professional Programs Committee, member, 1995-96, Chair, 1997-2001.

Admissions, Awards, and Recruitment Committee, member, 1996-97.

Undergraduate Education Ad Hoc Committee, Chair, 1996-97.

Continuing Education Ad Hoc Committee, member, 1996-97.

Search Committee for Faculty position, Chair, 1997-98.

All-curriculum Ad Hoc Committee, member, 1997-98.

Professional Programs Committee, Member and Chair, 1998-2001.

Information Studies Department Diversity Council Curriculum Committee, Chair, 1999-2000.

Doctoral Program Committee, member, 2001-02.

Instructional Services Committee, Chair, 2002-03.

Faculty Secretary, 1999-2003.

University-wide, UCLA:

Academic Senate Committee on Committees, Member, 1987-1990.

Faculty Executive Chair, Graduate School of Library and Information Science, 1993-1994.

UCLA Legislative Assembly Representative, 1993-1994.

Computer Science Department Chancellor's Review Committee, Member, 2000-

Revised August 11, 2003