

## CURRICULUM VITAE

### **BARBARA MARIE WILDEMUTH**

School of Information and Library Science, University of North Carolina at Chapel Hill  
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### **EDUCATION**

- 1989 Ph.D. Drexel University, Philadelphia, Pennsylvania. College of Information Studies.  
Major: Information Systems Design and Evaluation.  
  
Dissertation: *End-User Computing: The Adoption of an Intellectual Technology in Corporate Settings.*
- 1982 M.Ed. Rutgers University, New Brunswick, New Jersey.  
Major: Educational Statistics and Measurement.
- 1976 M.L.S. University of Illinois, Urbana, Illinois.
- 1971 B.Mus.Ed. North Central College, Naperville, Illinois.  
Major: Piano.

### **PROFESSIONAL EXPERIENCE**

- 1988-Present Professor, School of Information and Library Science, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina (1988-1989, Instructor; 1989-1996, Assistant Professor; 1996-2000, Associate Professor; 2000-present, Professor; 2004-2006, Frances Carroll McColl Term Professor)
- 2002-2005 Associate Dean for Undergraduate Programs, School of Information and Library Science, University of North Carolina, Chapel Hill, North Carolina
- 1996-2003 Adjunct Professor, Department of Biomedical Engineering, School of Medicine, University of North Carolina at Chapel Hill (1996-2002, Adjunct Associate Professor; 2002-2003, Adjunct Professor)
- 1985-1988 Teaching Assistant, College of Information Studies, Drexel University, Philadelphia, Pennsylvania
- 1979-1985 Associate Director, ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, New Jersey
- 1978-1979 Head, Test Collection, Educational Testing Service, Princeton, New Jersey
- 1976-1978 User Services Coordinator and Indexer/Abstractor, ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, New Jersey
- 1975-1976 University Library Graduate Assistant, University of Illinois Undergraduate Library, Urbana, Illinois

## **SPECIAL HONORS AND AWARDS**

- 2008            3<sup>rd</sup> place prize, Best Poster Competition (with Pomerantz, Oh, Yang, & Fox),  
ACM/IEEE Joint Conference on Digital Libraries
- 2007            Recipient, Fulbright Senior Specialists grant, for consultation in the Institute of  
Information Studies and Librarianship, Charles University, Prague
- 2005            ComputerWorld Laureate Finalist (with Marchionini)
- 2003            Vannevar Bush Award for Best Paper (with Marchionini, Yang, Geisler, Wilkens, &  
Gruss), ACM/IEEE Joint Conference on Digital Libraries
- 2001            Outstanding Alumna Award, North Central College, Naperville, Illinois
- 2001            ALISE Research Methodology Paper Award (with Sonnenwald)
- 2000            ISI Outstanding Information Science Teacher Award, American Society for  
Information Science & Technology
- 2000            Outstanding Teacher of the Year, School of Information and Library Science,  
University of North Carolina-Chapel Hill
- 1996            Award for Best Theoretical Paper (with Friedman, Muriuki, Gant, Downs, and de  
Blik), Symposium on Computer Applications in Medical Care
- 1990-1991      Certificate of Appreciation for service as ASIS Deputy SIG Cabinet Director
- 1990, 1991      Certificate of Appreciation for service to the ASIS Awards & Honors Committee
- 1989            American Society for Information Science Doctoral Research Forum Award
- 1987            American Society for Information Science/Institute for Scientific Information  
Doctoral Dissertation Scholarship

## **RESEARCH GRANTS RECEIVED**

National Science Foundation, “Collaborative Research: Curriculum Development: Digital Libraries”  
Principal Investigator: Barbara Wildemuth; Co-PI: Jeffrey Pomerantz  
Collaborating PI: Ed Fox, Virginia Polytechnic Institute  
Total: \$262,407 (UNC)  
Period: January 2006-December 2008

Institute of Museum and Library Services, “Recruiting Medical Students into Health Sciences  
Librarianship: Pursuing the Informationist Concept through a Dual Degree Model”  
Principal Investigator: Barbara Wildemuth; Co-investigators: Claudia Gollop, Patricia Thibodeau  
(Duke Univ.), Robert James (Duke Univ.)  
Total: \$392,295 (requested from IMLS)  
Period: December 2005-December 2008

**RESEARCH GRANTS RECEIVED, *continued***

National Cancer Institute, "Evidence Base for Personal Health Record Usability"

Principal Investigator: Gary Marchionini; Co-PI: Barbara M. Wildemuth

Total: \$150,000 (Supplement to grant: "M.I.N.C. for Mammography Maintenance," to UNC School of Public Health, Barbara Rimer, PI)

Period: January 2006-June 2006

National Science Foundation, CISE Division of Information and Intelligent Systems, "Agile Views for Video Browsing: Advanced Surrogates, Control Mechanisms, and Usability"

Principal Investigator: Gary Marchionini; Co-PI: Barbara M. Wildemuth

Total: \$518,855 (Wildemuth summer salary budgeted in grant)

Period: July 2001-June 2004

Agency for Health Care Policy and Research, U.S. Department of Health and Human Services, "Evaluation of an Adaptive Patient Data Entry Interface"

Principal Investigator: David F. Lobach, Duke University

Total: \$1,871,292 (10% of Wildemuth salary budget in grant during second and third years)

Period: December 1998-November 2001

National Institute for Nursing Research, "A Knowledge-Based System for Continence"

Principal Investigator: Alice R. Boyington (Sponsor: Molly C. Dougherty; Co-sponsor: Barbara M. Wildemuth)

Total: \$219,818 (5% of Wildemuth salary budgeted in grant)

Period: June 1999-May 2002

Frances C. and William P. Smallwood Foundation Grant

Key personnel: Gary Marchionini and Barbara M. Wildemuth

Total: \$50,000

Period: Academic year 1999-2000

University of North Carolina at Chapel Hill, Center for Teaching and Learning, "Mini-Grant Course Enhancement Proposal"

Submitted by Diane Sonnenwald, Barbara M. Wildemuth, and Gillian Debreczeny

Total: \$750

Period: Spring 1996

National Library of Medicine, "Preparing Tomorrow's Health Sciences Librarians: Feasibility and Marketing Studies"

Principal Investigators: Barbara Moran, Carol Jenkins, Charles Friedman

Total: \$65,600

Period: October 1995-September 1996

University of North Carolina at Chapel Hill, Junior Faculty Development Grant program, "The 'Known' in Known-Item Searches: A Pilot Study"

Total: \$3,000

Period: January 1993-December 1993

**RESEARCH GRANTS RECEIVED, *continued***

Council on Library Resources, "End User Searching of MEDLINE"  
Co-Principal-Investigator with Margaret E. Moore  
Total: \$4,000  
Period: July 1991-June 1992 (extended through June 1993)

University of North Carolina at Chapel Hill, University Research Council, "Stages in the Adoption of User-Developed Computing Applications"  
Total: \$1,000  
Period: December 1990-November 1992

University of North Carolina at Chapel Hill, Institute for Research in the Social Sciences, "The Encouragement of End-User Computing: Management Practices that Work"  
Co-Principal-Investigator with Barbara B. Moran  
Total: \$1,000 (for graduate assistant)  
Period: Summer 1990

National Library of Medicine, "Information and Cognition in Medical Education"  
Awarded to the Office of Educational Development, School of Medicine, UNC-CH  
Principal Investigator: Charles P. Friedman; Co-Principal Investigators: Ruth de Blied, Stephen M. Downs, Barbara M. Wildemuth  
Total: \$579,712 (25% of Wildemuth salary budgeted in grant)  
Period: March 1990-June 1993

Competing renewal  
Total: \$578,898 (25% of Wildemuth salary plus summer salary budgeted in grant)  
Period: February 1994-January 1998

**BOOKS AND MONOGRAPHS**

Wildemuth, B.M. (2009, in press). *Application of Social Research Methods to Questions in Information and Library Science*. Libraries Unlimited.

Wildemuth, B. M. (Ed.) (1998). *Collaboration Across Boundaries: Theories, Strategies, and Technology. Proceedings of the 1998 ASIS Midyear Meeting, Orlando, FL, May 16-20, 1998*. Medford, NJ: Information Today, for the American Society for Information Science. (Online version available at <http://www.asis.org/Conferences/MY98/proceedings.htm>).

Gonzalez-Stupp, E. & Wildemuth, B. M. (1985). *At home with ERIC: Online searching from your home computer*. Princeton, NJ: ERIC Clearinghouse on Tests, Measurement, and Evaluation. ("After Dark" Edition: ERIC Document Reproduction Service No. ED 267 099; "Knowledge Index" Edition: ERIC Document Reproduction Service No. ED 267 100).

Wildemuth, B. M. (1977). *Test anxiety: An extensive bibliography. TM report 65*. Princeton, NJ: ERIC Clearinghouse on Tests, Measurement, and Evaluation. (ERIC Document Reproduction Service No. ED 152 860).

## REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS

Gollop, C., Schaeffer, P., Wildemuth, B.M., Schardt, C., & Thibodeau, P.L. (2009). A novel approach to educating medical informationists. Paper accepted for the proceedings of the Association for Library and Information Science Education annual meeting, accepted September 2008.

Yang, S., Wildemuth, B.M., Pomerantz, J.P., Oh, S., & Fox, E.A. (2008, in press). Core topics in digital library education. *Handbook of Research On Digital Libraries: Design, Development, and Impact*. IGI Global. Publication expected February 2009.

Yang, S., Levy, J., Miller, K., Pomerantz, J.P., Oh, S., Wildemuth, B.M., Fox, E.A. (2008). Two approaches to enhance the education for ETDs: Developing educational modules and migrating the *ETD Guide* into a community wiki. Paper presented at ETD 2008: The 11th International Symposium on Electronic Theses and Dissertations, Aberdeen Scotland, June 4-7, 2008.

Yang, S., Wildemuth, B.M., Kim, S., Murthy, U., Pomerantz, J.P., Oh, S., & Fox, E.A. (2007). Further developments of a digital library curriculum: Evaluation approaches and new tools. *Asian Digital Libraries: Looking Back 10 Years and Forging New Frontiers, Lecture Notes in Computer Science, 4822*, 434-443.

Yang, S., Oh, S., Pomerantz, J.P., Wildemuth, B.M., & Fox, E.A. (2007). Improving education and understanding of NDLTD. Paper presented at ETD 2007: The 10<sup>th</sup> International Symposium on Electronic Theses and Dissertations, Uppsala, Sweden, June 13-16, 2007.

Pearce, P. F., Williamson, J., Harrell, J. S., Wildemuth, B. M., & Solomon, P. (2007). The Children's Computerized Physical Activity Reporter (C-CPAR): Children as partners in the design and usability evaluation of an application for self-reporting physical activity. *Computers, Informatics, Nursing, 25*(2), 93-105.

Yang, S., Fox, E. A., Wildemuth, B. M., Pomerantz, J., & Oh, S. (2006). Interdisciplinary curriculum development for digital library education. *Proceedings of the International Conference of Asian Digital Libraries, Lecture Notes in Computer Science, 4312*, 61-70.

Marchionini, G., Wildemuth, B. M., & Geisler, G. (2006). The Open Video Digital Library: A Möbius strip of research and practice. *Journal of the American Society for Information Science & Technology, 57*(12), 1629-1643.

Marks, J. T., Campbell, M. K., Ward, D. S., Ribisl, K. M., Wildemuth, B. M., & Symons, M. J. (2006). A comparison of Web and print media for physical activity promotion among adolescent girls. *Journal of Adolescent Health, 39*(1), 96-104.

Fox, E. A., Yang, S., Wildemuth, B.M., Pomerantz, J. P. (2006). Digital library curriculum development: Enhancing education and comprehension of NDLTD. Paper presented at ETD 2006: The 9th International Symposium on Electronic Theses and Dissertations, Quebec, Canada, June 7-10, 2006.

Pomerantz, J., Wildemuth, B. M., Fox, E., & Yang, S. (2006). Curriculum development for digital libraries. *Proceedings of the Joint Conference on Digital Libraries (Chapel Hill, NC, June 15, 2006)*, 175-184.

**REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS, *continued***

Wildemuth, B. M. (2006). Evidence-based practice in search interface design. *Journal of the American Society for Information Science & Technology*, 57(6), 825-828.

Bonnett, C., Wildemuth, B. M., & Sonnenwald, D. H. (2006). Interactivity between protégés and scientists in an electronic mentoring program. *Instructional Science*, 34(1), 21-61.

Sutherland, L. A., Wildemuth, B. M., Campbell, M. K., & Haines, P. S. (2005). Unraveling the Web: An evaluation of the content quality, usability, and readability of nutrition web sites. *Journal of Nutrition Education and Behavior*, 37(6), 300-305.

Wildemuth, B. M., & Hughes, A. (2005). Perspectives on the tasks in which information behaviors are embedded. In Fisher, K E., Erdelez, S., & McKechnie, L. (Eds.), *Theories of Information Behavior*. Medford, NJ: Information Today, for the American Society for Information Science & Technology, 275-279.

Lobach, D. F., Arbanas, J. M., Mishra, D. D., Campbell, M., & Wildemuth, B. M. (2004). Adapting the human-computer interface for reading literacy and computer skill to facilitate collection of information directly from patients. *MedInfo 2004*, 1142-1146.

Boyington, A. R., Wildemuth, B. M., Dougherty, M. C., & Hall, E. P. (2004). Development of a computer-based system for continence health promotion. *Nursing Outlook*, 52(5), 241-247.

Linnan, L. A., Wildemuth, B. M., Gollop, C., Hull, P., Silbajoris, C., & Monnig, R. (2004). Public librarians as a resource for promoting health: results from the Health for Everyone in Libraries Project (HELP) librarian survey. *Health Promotion Practice*, 5(2), 182-190.

Hayslett, M. M., & Wildemuth, B. M. (2004). Pixels or pencils? The relative effectiveness of Web-based versus paper surveys. *Library & Information Science Research*, 26(1), 73-93.

Wildemuth, B. M. (2004). The effects of domain knowledge on search tactic formulation. *Journal of the American Society for Information Science & Technology*, 55(3), 246-258.

Lobach, D. F., Hasselblad, V., & Wildemuth, B. M. (2003). Evaluation of a tool to categorize patients by reading literacy and computer skill to facilitate the computer-administered patient interview. *Proceedings of the American Medical Informatics Association*, 391-395.

Hughes, A., Wilkens, T., Wildemuth, B., & Marchionini, G. (2003). Text or pictures? An eyetracking study of how people view digital video surrogates. *Proceedings of the International Conference on Image and Video Retrieval (CIVR), University of Illinois at Urbana-Champaign, July 24-25, 2003*, 271-280. [http://www.open-video.org/ovadmin/hughes\\_civr\\_2003.pdf](http://www.open-video.org/ovadmin/hughes_civr_2003.pdf). Also published as *Lecture Notes in Computer Science*, 2728, 271-280.

Wilkens, T., Hughes, A., Wildemuth, B. M., & Marchionini, G. (2003). The role of narrative in understanding digital video: an exploratory analysis. *ASIST 2003: Proceedings of the 66<sup>th</sup> ASIST Annual Meeting, Volume 40*. Medford, NJ: Information Today, for the American Society for Information Science & Technology, 323-329.

**REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS, *continued***

- Yang, M., Wildemuth, B. M., Marchionini, G., Wilkens, T., Geisler, G., Hughes, A., Gruss, R., & Webster, C. (2003). Measuring user performance during interactions with digital video collections. *ASIST 2003: Proceedings of the 66<sup>th</sup> ASIST Annual Meeting, Volume 40*. Medford, NJ: Information Today, for the American Society for Information Science & Technology, 3-11.
- Wildemuth, B. M., Marchionini, G., Yang, M., Geisler, G., Wilkens, T., Hughes, A., & Gruss, R. (2003). How fast is too fast? Evaluating fast forward surrogates for digital video. Paper presented at the ACM/IEEE Joint Conference on Digital Libraries, Houston, May 2003. <http://www.open-video.org/papers/p221-wildemuth.pdf>. Winner of the Vannevar Bush Award for Best Paper.
- Cheh, J. A., Ribisl, K. M., & Wildemuth, B. M. (2003). An assessment of the quality and usability of smoking cessation information on the internet. *Health Promotion Practice, 4*(3), 278-287.
- Wildemuth, B. M., Marchionini, G., Wilkens, T., Yang, M., Geisler, G., Fowler, B., Hughes, A., & Mu, X. (2002). Alternative surrogates for video objects in a digital library: users' perspectives on their relative usability. Presented at the European Conference on Digital Libraries (ECDL), Milan, Italy, September, 2002. Also published as *Lecture Notes in Computer Science, 2458*, 493-507.
- Sutherland, L. A., Campbell, M., Ornstein, K., Wildemuth, B., & Lobach, D. (2001). Development of an adaptive multimedia program to collect patient health data. *Journal of Preventive Medicine, 21*(4), 320-324.
- Sonnenwald, D. H., Wildemuth, B. M., & Harmon, G. L. (2001). A research method to investigate information seeking using the concept of information horizons: an example from a study of lower socio-economic students' information seeking behaviour. *The New Review of Information Behaviour Research, 2*, 65-86.
- Sonnenwald, D. H., & Wildemuth, B. M. (2000, September). *Investigating information seeking behavior using the concept of information horizons. SILS TR-2001-01*. Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 20p. Winner of the 2001 ALISE Methodology Paper Competition.
- Wildemuth, B. M., Friedman, C. P., Keyes, J., & Downs, S. M. (2000). A longitudinal study of database-assisted problem solving. *Information Processing & Management, 36*, 445-459.
- O'Keefe, K. M., Wildemuth, B. M., & Friedman, C. P. (1999). Medical students' confidence judgments using a factual database and personal memory: A comparison. *Journal of the American Society for Information Science, 50*(8), 698-708.
- Downs, S. M., Marasigan, F., Abraham, V., Wildemuth, B., & Friedman, C. P. (1999). Scoring performance on computer-based patient simulations: beyond value of information. *Journal of the American Medical Informatics Association (AMIA Fall Symposium Supplement)*, 520-524.
- Abraham, V. A., Friedman, C. P., Wildemuth, B. M., Downs, S. M., Kantrowitz, P. J., & Robinson, E. N. (1999). Student and faculty performance in clinical simulations with access to a searchable information resource. *Proceedings, AMIA Symposium, 648-652*.

**REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS, *continued***

Lipscomb, C. E., Moran, B. B., Jenkins, C. G., Cogdill, K., Friedman, C. P., Gollop, C. J., Moore, M. E., Morrison, M. L., Tibbo, H. R., & Wildemuth, B. M. (1999). Feasibility and marketing studies of health sciences librarianship education programs. *Bulletin of the Medical Library Association*, 87(1), 50-57.

Wildemuth, B. M., Cogdill, K., & Friedman, C. P. (1999). The transition from formalized need to compromised need in the context of clinical problem solving. In Wilson, T. D., & Allen, D. K. (Eds.), *Exploring the Contexts of Information Behaviour: Proceedings of the Second International Conference on Research in Information Needs, Seeking and Use in Different Contexts. 13/15 August 1998. Sheffield, UK*. London: Taylor Graham, 290-303.

Wildemuth, B. M., Friedman, C. P., & Downs, S. M. (1998). Hypertext versus Boolean access to biomedical information: A comparison of effectiveness, efficiency and user preferences. *ACM Transactions on Computer-Human Interaction*, 5(2), 156-183.

Wildemuth, B. M., Crenshaw, L., Jenniches, W., & Harnes, J. C. (1997). What's everybody talking about?: Message functions and topics on electronic lists and newsgroups in information and library science. *Journal of Education for Library and Information Science*, 38(2), 137-156.

Friedman, C. P., Wildemuth, B. M., Muriuki, M., Gant, S. P., Downs, S. M., & de Blik, R. (1996). A comparison of hypertext and Boolean access to biomedical information. In *Proceedings of the AMIA Fall Symposium*, 2-6. Received SCAMC Best Theoretical Paper Award.

Moran, B. B., Jenkins, C. G., Friedman, C. P., Lipscomb, C. E., Gollop, C. J., Moore, M. E., Morrison, M. L., Tibbo, H. R., & Wildemuth, B. M. (1996). Preparing tomorrow's health sciences librarians: Feasibility and marketing studies. *Bulletin of the Medical Library Association*, 84(4), 541-548.

Wildemuth, B. M., de Blik, R., Friedman, C. P., & File, D. D. (1995). Medical students' personal knowledge, searching proficiency, and database use in problem solving. *Journal of the American Society for Information Science*, 46, 590-607.

Wildemuth, B. M., & Moore, M. E. (1995). End-user search behaviors and their relationship to search effectiveness. *Bulletin of the Medical Library Association*, 83, 294-304.

Wildemuth, B. M., & O'Neill, A. L. (1995). The 'known' in known-item searches: A pilot study. *College & Research Libraries*, 56, 265-281. (Also translated into German and published in *Zeitschrift fur Bibliothekswesen und Bibliographie*, 43(1): 23-45, 1996.)

de Blik, R., Friedman, C. P., Wildemuth, B. M., Martz, J. M., Twarog, R. G., & File, D. (1994). Information retrieved from a database and the augmentation of personal knowledge. *Journal of the American Medical Informatics Association*, 1, 328-338.

Wildemuth, B. M., de Blik, R., Friedman, C. P., & Miya, T. S. (1994). Information-seeking behaviors of medical students: A classification of questions asked of librarians and physicians. *Bulletin of the Medical Library Association*, 82, 295-304.

## **REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS, *continued***

de Blik, R., Friedman, C. P., Wildemuth, B. M., Martz, J. M., File, D., Twarog, R. G., Reich, G. M., & Hoekstra, L. (1993). Database access and problem solving in the basic sciences. In *Proceedings of the Seventeenth Annual Symposium on Computer Applications in Medical Care, A Conference of the American Medical Informatics Association: Patient-Centered Computing*, October 30-November 3, 1993, Washington DC, 678-682.

Wildemuth, B. M. (1993). Post-positivist research: Two examples of methodological pluralism. *Library Quarterly*, 63, 450-468.

Wildemuth, B. M., de Blik, R., & Friedman, C. P. (1993). Measures of searcher performance: A psychometric evaluation. *Information Processing & Management*, 29, 533-550.

Wildemuth, B. M., de Blik, R., He, S., & Friedman, C. P. (1992). Search moves made by novice end users. *ASIS '92 Proceedings (Pittsburgh, PA, October 26-29, 1992)*, 29, 154-161.

de Blik, R., Martz, J. M., Reich, G. M., Friedman, C. P., & Wildemuth, B. M. (1992). Domain knowledge and information retrieval in bacteriology: An information science perspective. *Academic Medicine*, 67 (October supplement), S54-S56.

Stine, W. D., & Wildemuth, B. M. (1992). The training of microcomputer users: Insights from two disciplines. *Journal of Education for Library and Information Science*, 33, 100-109.

Wildemuth, B. M. (1992). An empirically grounded model of the adoption of intellectual technologies. *Journal of the American Society for Information Science*, 43, 210-224.

Wildemuth, B. M., Jacob, E. K., Fullington, A., de Blik, R., & Friedman, C. P. (1991). A detailed analysis of end-user search behaviors. *ASIS '91 Proceedings (Washington, DC, October 27-31, 1991)*, 28, 302-312.

Wildemuth, B. M. (1990). A method for inducing process models from qualitative data. *Library and Information Science Research* 12, 329-340.

Wildemuth, B. M., de Blik, R., Friedman, C. P., & Dekker, H. (1990). Measures of success in searching a full-text fact base. *ASIS '90: Proceedings of the 53rd Annual Meeting of the American Society for Information Science, Toronto, November 4-8, 1990*, 27, 104-109.

Wildemuth, B. M. (1988). The management of end-user computing: Lessons from a qualitative study. *ASIS '88: Proceedings of the 51st Annual Meeting of the American Society for Information Science (Atlanta, Georgia, October 23-27, 1988)*, 25, 41-47.

## **OTHER JOURNAL ARTICLES**

Wildemuth, B.M., Pomerantz, J., Oh, S., Yang, S., & Fox, E.A. (2008). A digital libraries curriculum: Expert review and field testing. *D-Lib Magazine*, 14(7/8).  
<http://www.dlib.org/dlib/july08/07inbrief.html#WILDEMUTH>.

### **OTHER JOURNAL ARTICLES , *continued***

Pomerantz, J., Oh, S., Yang, S., Fox, E.A., & Wildemuth, B.M. (2006). The core: Digital library education in library and information science programs. *D-Lib Magazine*, 12(11).  
<http://www.dlib.org/november06/pomerantz/11pomerantz.html>.

Pomerantz, J., Wildemuth, B. M., Oh, S., Yang, S., & Fox, E. A. (2006). Briefing: Digital libraries curriculum development. *D-Lib Magazine* 12(7/8).  
<http://www.dlib.org/dlib/july06/07inbrief.html#POMERANTZ>.

Carey, J., Galletta, D. F., Kim, J., Te'eni, D., Wildemuth, B., & Zhang, P. (2004). The role of human computer interaction in management information systems curricula: a call to action. *Communications of the AIS*, 13, article 23.

Wildemuth, B. M. (guest editor). (2002). Introduction and overview: effective methods for studying information seeking and use. *Journal of the American Society for Information Science & Technology [Perspectives]*, 53(14), 1218-1222.

Friedman, C. P., Wildemuth, B. M., de Blik, R., Twarog, R. G., & File, D. D. (1994). Database searching proficiency and problem solving proficiency in a biomedical domain. *Teaching and Learning in Medicine*, 6, 168-174.

Wildemuth, B. M. (September/October 1985). How to use information resources on testing and evaluation. *Curriculum Review*, 39.

Wildemuth, B. M. (Summer 1984). Microcomputer-assisted testing: Resources from ERIC. *Educational Measurement: Issues and Practice*, 3, 48-49.

### **REFEREED SHORT PAPERS, ABSTRACTS, POSTERS, AND PRESENTATIONS**

Wildemuth, B.M., Schaeffer, P., Gollop, C., Schardt, C., & Thibodeau, P.L. (2008). The potential role of ILS schools in educating medical informationists. Poster accepted for presentation at the annual meeting of the America Society for Information Science & Technology, Columbus, OH, October 26-29, 2008.

Pomerantz, J., Wildemuth, B.M., Oh, S., Yang, S., & Fox, E.A. (2008). Evaluation of a curriculum for digital libraries. Poster presented at the Joint Conference on Digital Libraries, Pittsburgh, June 16-20, 2008. Recipient of 3<sup>rd</sup> place prize in poster competition.

Pomerantz, J., Oh, S., Wildemuth, B.M., Yang, S., & Fox, E.A. (2007). Digital library education in computer science programs. Short paper presented at the Joint Conference on Digital Libraries, Vancouver, June 20-23, 2007. [http://eprints.cs.vt.edu/archive/00000945/01/Pomerantz\\_CSsyllabi.pdf](http://eprints.cs.vt.edu/archive/00000945/01/Pomerantz_CSsyllabi.pdf).

Schaeffer, P., Thibodeau, P.L., James, R., Wildemuth, B.M., & Gollop, C. (2007). The informationist and the information specialist revolution: Career pathways for physicians? Poster presented at the Medical Library Association Annual Meeting, Philadelphia, May 18-23, 2007.

**REFEREED SHORT PAPERS, ABSTRACTS, POSTERS, AND PRESENTATIONS, *continued***

Thibodeau, P.L., James, R., Wildemuth, B.M., Gollop, C., & Schaeffer, P. (2006). New dual-degree pathways: Duke's medical information specialist training (MIST) program. Poster presented at the Association of American Medical Colleges (AAMC) Annual Meeting, Seattle, October 27-November 1, 2006.

Thibodeau, P.L., James, R., Schaeffer, P., Wildemuth, B.M., & Gollop, C. (2006). A dual-degree pathway to developing medical information specialists: Transforming physicians into informationists. Poster presented at the meeting of the Mid-Atlantic and Southern Chapters of the Medical Library Association, Atlanta, October 2006.

Wildemuth, B. M., Blake, C. L., Spurgin, K., Oh, S., & Zhang, Y. (2006). Patients' perspectives on personal health records: An assessment of needs and concerns. Poster presented at "Critical Issues in eHealth Research 2006," Bethesda, MD, September 11-12, 2006.

Yang, M., Wildemuth, B. M., & Marchionini, G. (2004, October). The relative effectiveness of concept-based versus content-based video retrieval. In *Proceedings of the 12th annual ACM international conference on Multimedia*, 368-371. Poster.

Linnan, L., Wildemuth, B., Harris, J., Rose, J., Collins, L., & Gollop, C. (2003). Bridging the digital divide with library-based interventions. Paper presented at the Society of Behavioral Medicine (SBM), Salt Lake City, March 2003.

Boyington, A. R., Wildemuth, B. M., & Dougherty, M. C. (2002). A usability engineering approach to development of a computer-based system for continence health promotion. Proceedings of the annual meeting of the American Medical Informatics Association (AMIA), San Antonio, TX, November 11, 2002, p981.

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Geisler, G., Marchionini, G., Wildemuth, B. M., Hughes, A., Yang, M., Wilkens, T., & Spinks, R. (2002). Video browsing interfaces for the Open Video Project. In *CHI 2002: Conference on Human Factors in Computing Systems (Minneapolis, MN, April 20-25, 2002)*. New York: ACM Press, 514-515.

Boyington, A. R., Hall, E. P., & Wildemuth, B. M. (2001). Design and evaluation of a computer-based system for continence health promotion. Poster presented at the Southern Nursing Research Society meeting (Baltimore, MD, February 1-3, 2001).

Dempsey, B. J., Wildemuth, B. M., & Geisler, G. (1999). Use of an expanding directory interface for WWW legal resources [poster]. In Fox, E. A., & Rowe, N. (Eds.), *Digital Libraries 99: The Fourth ACM Conference on Digital Libraries (August 11-14, 1999, Berkeley, CA)*. New York: Association for Computing Machinery, 223-224.

### **REFEREED SHORT PAPERS, ABSTRACTS, POSTERS, AND PRESENTATIONS, *continued***

Wildemuth, B. M., Friedman, C. P., & Downs, S. M. (1999). Research alerts: Hypertext versus Boolean access to biomedical information: A comparison of effectiveness, efficiency and user preferences. *interactions*,6(1), 10-11.

Fletcher, P. D., Small, R., Rollier, B., & Wildemuth, B. M. (1995). Lifelong learning for information professionals. Paper presented at the 1995 annual meeting of the Association for Information Systems.

Friedman, C. P., Wildemuth, B. M., Gant, S. P., Muriuki, M., File, D. D., Downs, S. M., & de Blik, R. (1995). A comparison of Boolean and hypertext access to a basic science database [abstract]. Poster presentation at the 1995 Research in Medical Education meeting.

### **INVITED PRESENTATIONS AND SPEECHES**

St. Amant, R., & Wildemuth, B.M. (2008). eServices and the human factor. Presented at the North Carolina Digital Government Summit, Raleigh, NC, September 3, 2008.

Wildemuth, B.M. (2007). Introduction to human-computer interaction and interaction design. Presented for the HCI Seminar, Institute of Information Studies and Librarianship, Charles University, October 9, 2007.

Wildemuth, B.M. (2007). Bringing your library into view. Presented at Jinonice Monday's, Institute of Information Studies and Librarianship, Charles University, October 1, 2007.

Wildemuth, B.M. (2007). Bringing digital libraries into view on an individual's information horizon. Keynote presentation, "Libraries in the Digital Age," Dubrovnik and Mljet, Croatia, May 28-June 2, 2007.

Pomerantz, J., & Wildemuth, B.M. (2007). Digital curation issues within the context of a curriculum for digital librarianship. DigCCurr 2007: An International Symposium on Digital Curation, Chapel Hill, NC, April 19, 2007.

Wildemuth, B. M. (2006). CS and ILS as disciplinary homes for digital library education. Workshop on "Developing a Digital Libraries Education Program," Joint Conference on Digital Libraries (ACM & IEEE-CS), Chapel Hill, NC, June 15, 2006.

Wildemuth, B. M. (2006). "Open Video project: How people go about searching video collections." Invited presentation, SURA/ViDe (Video Development Initiative) Eighth Annual Digital Video Conference, Atlanta, March 29, 2006.

Wildemuth, B.M. & Barry, C.L. (2006, February 16). Interview by Sanda Erdelez. "Studying Online Search Behaviors" [radio webcast]. LiS Radio: HIB Spot Series. Columbia, MO: School of Information Science & Learning Technologies, University of Missouri - Columbia.  
<http://lisradio.missouri.edu/archive.php>

Wildemuth, B. M. (2004). Overview of evaluation methods. Invited presentation, "Developing Archival Use and User Metrics," sponsored by the Mellon Foundation. University of North Carolina at Chapel Hill, June 4, 2004.

### **INVITED PRESENTATIONS AND SPEECHES, *continued***

Wildemuth, B. M. (2003). Why conduct user studies? The role of empirical evidence in improving the practice of librarianship. Keynote address. INFORUM 2003, Prague, May 27, 2003.

Wildemuth, B. M. (2000). Ethics at the (virtual) reference desk. SAIL 2000 (Southeast Affiliate of the International Aquatic and Marine Sciences Libraries and Information Centers), Research Triangle Park, NC, April 7, 2000.

Wildemuth, B. M. (1992). Information and cognition in medical education: Information retrieval behaviors of medical students. Invited lecture, New York Academy of Sciences, Computing and Information Science Section, January 14, 1992.

Wildemuth, B. M. (1991). Management of end-user computing. Invited lecture sponsored by the Wolpert Fund of the Cleveland Foundation, Northern Ohio Chapter of the American Society for Information Science, Cleveland, March 13, 1991.

### **TECHNICAL REPORTS**

Wildemuth, B. M., Russell, T., Ward, T. J., Marchionini, G., & Oh, S. (2005). *The influence of context and interactivity on video browsing. TREC VID 2005 Notebook Paper. SILS Technical Report 2006-01.* Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 13p.

Wildemuth, B. M., Yang, M., Geisler, G., Tolleson, T., Elsas, J., Luo, J., & Marchionini, G. (2004). Conceptions of features and semantic clusters as search mechanisms: a pilot study. TREC VID 2004 Notebook Paper. 10p.

Wildemuth, B. M., Yang, M., Hughes, A., Gruss, R., Geisler, G., & Marchionini, G. (2003). *Access via Features versus Access via Transcripts: User Performance and Satisfaction. TREC VID 2003 Notebook Paper. SILS Technical Report 2003-05.* Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 10p.

Yang, M., Wildemuth, B. M., Marchionini, G., Wilkens, T., Geisler, G., Hughes, A., Gruss, R., & Webster, C. (2003). *Measures of User Performance in Video Retrieval Research. SILS Technical Report 2003-02.* Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 22p. <http://www.ils.unc.edu/ils/research/TR-2003-02.pdf>.

Wildemuth, B. M., & Carter, A. R. (2002). *The Perceived Affordances of Web Search Engines: A Comparative Analysis. SILS Technical Report 2002-02.* Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 25p.

Wildemuth, B. M., Sonnenwald, D. H., Bollenbacher, W. E., Byrd, G., & Harmon, G. (2001). *Mentoring Future Biologists via the Internet: Results from the "Electronic Mentoring for Tomorrow's Scientists" Program. SILS TR-2001-07.* Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 116p.

## **TECHNICAL REPORTS, *continued***

Sonnenwald, D. H., Marchionini, G., Wildemuth, B., Dempsey, B., Viles, C., Tibbo, H., & Smith, J. (2001). *Collaboration Services in a Participatory Digital Library: An Emerging Design*. SILS TR-2001-03. Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 12p.

Webster, L., Brassell, E., Sonnenwald, D. H., Wildemuth, B. M., Harmon, G. L., Byrd, G., & Bollenbacher, W. E. (2000). *E-Mentoring Handbook: Lessons Learned from Two Electronic Mentoring Pilot Programs*. SILS-TR-2000-3. Chapel Hill: University of North Carolina, School of Information and Library Science, Technical Report Series. 101p.

## **OTHER PUBLICATIONS**

Wildemuth, B.M. (2008). Values shape perceptions of value. Paper accepted for the ACM SIG CHI 2008 Workshop, "Values, Value and Worth: Their Relationship to HCI?," April 5, 2008, Florence, Italy.

Wildemuth, B. M. (2007). Subjectivity: Its role in exploratory search processes and evaluation. Paper accepted for "Exploratory Search and HCI" workshop at Association for Computing Machinery, Special Interest Group on Computer-Human Interaction (ACM SIGCHI), San Jose, CA, April 29, 2007.

Wildemuth, B. M. (2007). Bringing digital libraries into view on an individual's information horizon [video recording]. Recorded May 22, 2007.  
<http://www.youtube.com/watch?v=PXjLBAmrd00&feature=Playlist&p=19189F4C412A6E09&index=92>.

Wildemuth, B. M. (2006). The experience of flow during online searching. Paper presented for discussion at the ASIST SIG USE Research Symposium, 2006: "Information Realities: Exploring Affective and Emotional Aspects in Information Seeking and Use"

Wildemuth, B. M. (2006). The illusion of online privacy. Paper presented at the ACM SIG CHI 2006 Workshop, Privacy and HCI: Methodologies for Studying Privacy Issues, April 23, 2006, Montreal. 4p.

Wildemuth, B. M. (2005). Methods for investigating archival use and potential use: a user-centered approach to evaluating archives. Book chapter for Helen Tibbo, Mellon grant. Submitted Jan. 2005. 11p.

Wildemuth, B. M. (2004). Teaching HCI within the context of information and library science. *AIS SIGHCI Newsletter*, 3(1), 12.

Jedličková, P., & Wildemuth, B. M. (2003). Inspirující pohledy na průzkumy uživatelů a jejich práce s informacemi [Interview in English]. *Ikaros*. <http://www.ikaros.cz/Clanek.asp?ID=200306023>.

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**OTHER PUBLICATIONS, *continued***

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Wildemuth, B. M. (Ed.). (1990). *External connectivity: Will my office system talk to my online vendor?* Transactions of a session of the Mid-Year Meeting of the American Society for Information Science (ASIS), Fort Lauderdale, FL, May 13-17, 1990.

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Wildemuth, B. M. (1977). *Minimal competency testing: Issues and procedures. An annotated bibliography*. Princeton, NJ: ERIC Clearinghouse on Tests, Measurement, and Evaluation. (ERIC Document Reproduction Service No. ED 150 188).

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### **PRESENTATIONS AND PANELS**

Wildemuth, B.M., Pomerantz, J., Oh, S., Yang, S., & Fox, E.A. (2008). Preliminary results from field testing of DL curriculum modules. Paper presented at the workshop, "Education for Digital Stewardship: Librarians, Archivists, or Digital Curators?", Joint Conference on Digital Libraries, Pittsburgh, PA, June 16-20, 2008.

Wildemuth, B. M., & Rosenbaum, H. (Organizers). (2007). ASIST doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Milwaukee, WI, October 23, 2007.

Wildemuth, B.M. (2007). Evaluating specific modules in a digital library curriculum. Panel presentation for the workshop, "Developing a Digital Libraries Education Program," Joint Conference on Digital Libraries, Vancouver, BC, June 18-23, 2007.

Wildemuth, B.M. (2007). The i-School Caucus. Panel presentation at Libraries in the Digital Age, Dubrovnik, Croatia, June 1, 2007.

Wildemuth, B.M. (2007). An interdisciplinary proposal for a curriculum in digital librarianship. Panel presentation, "Digital Libraries: Continuing the Vision of Dr. James E. Shepard," North Carolina Central University, Durham, NC, April 27, 2007.

Abbas, J., Kim, K.-S., Wildemuth, B. M., Choi, Y., Mostafa, J., Brancolini, K., Pomerantz, J., Clobridge, A. (2006). Education for digital librarianship: Employers' needs and how they can be addressed. Panel presented at the American Society for Information Science and Technology, Austin, TX, November 5-9, 2006.

Wildemuth, B. M., & Mostafa, J. (Organizers). (2006). ASIST doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Austin, TX, November 6, 2006.

Wildemuth, B. M., & Mostafa, J. (Organizers). (2005). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Charlotte, NC, November 1, 2005.

**PRESENTATIONS AND PANELS, *continued***

Wildemuth, B. M., & Oh, S. (2005). Congruence between information known and information used in conducting known-item searches. Librarians' Association at the University of North Carolina at Chapel Hill (LAUNC-CH) Research Forum, May 25, 2005.

Wildemuth, B. M. (2004). Ethics for academic librarians. Carolina Academic Library Associates (CALA), University of North Carolina, December 10, 2004.

Wildemuth, B. M. (Organizer). (2004). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Providence, RI, November 16, 2004.

Wildemuth, B. M. (2003). Identifying critical usability problems from discount usability testing. Panel presentation at the annual meeting of the American Society for Information Science and Technology, Long Beach, CA, October 20, 2003.

Wildemuth, B. M. (Organizer). (2003). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Philadelphia, Long Beach, CA, October 20, 2003.

Wildemuth, B. M. (2003). Positioning HCI within an ILS curriculum. Panel presentation at the annual Americas Conference for Information Systems (AMCIS 2003), Tampa, FL, August 4, 2003.

Wildemuth, B. M. (2002). Ethical issues associated with the USA PATRIOT Act. Local reactor panel to a satellite teleconference, "Safeguarding our patrons' privacy: what every librarian needs to know about the USA PATRIOT Act & related anti-terrorism measures". Friday Center, Chapel Hill, December 11, 2002.

Wildemuth, B. M. (2002). Users' perspectives on virtual reference services. Panel presentation at the annual meeting of the American Society for Information Science and Technology (ASIST), Philadelphia, November 20, 2002.

Wildemuth, B. M. (Organizer and moderator.) (2002). Measuring search behaviors: current and proposed methods. Research symposium sponsored by the American Society for Information Science and Technology (ASIST) Special Interest Group on Information Needs, Seeking and Use (SIG USE), Washington, DC, November 16, 2002.

Wildemuth, B. M. (Organizer). (2002). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Philadelphia, November 18, 2002.

Wildemuth, B. M. (Organizer and moderator.) (2001). Effective methods for studying information seeking and use. Research symposium sponsored by the American Society for Information Science and Technology (ASIST) Special Interest Group on Information Needs, Seeking and Use (SIG USE), Washington, DC, November 3, 2001.

Wildemuth, B. M., Hsieh-Yee, I., & Su, L. (Organizers and moderators). (2001). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Washington, DC, November 5, 2001.

**PRESENTATIONS AND PANELS, *continued***

Wildemuth, B. M. (Organizer and presenter.) (2001). Methods for conducting Internet research. Session presented at the Internet Impact Symposium: using and studying the Internet at UNC-CH, Chapel Hill, NC, March 30, 2001.

Wildemuth, B. M. (2001). Watching what people do: Internet research involving transaction logs and questionnaires. "The Internet and Human Subject Research--Issues and Challenges," UNC-CH School of Public Health Institutional Review Board Retreat, Chapel Hill, NC, January 23, 2001.

Wildemuth, B. M. (2000). So you want an undergraduate major: the UNC-CH plans for an information science major. Annual meeting of the American Society for Information Science & Technology, Chicago, IL, November 12-16, 2000.

Wildemuth, B. M., Su, L., & Hsieh-Yee, I. (Organizers and moderators). (2000). ASIST SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science & Technology, Chicago, IL, November 12-16, 2000.

Sonnenwald, D. H., & Wildemuth, B. M. (2000). E-Mentoring tomorrow's scientists. Spring meeting of Seeding Postdoctoral Innovations in Research and Education (SPIRE), Chapel Hill, NC, March 31, 2000.

Wildemuth, B. M. (1999). The influence of discipline/domain on information seeking behavior: medicine. Annual meeting of the American Society for Information Science, Washington, DC, November 1-4, 1999.

Su, L., Hsieh-Yee, I., & Wildemuth, B. M. (Organizers and moderators). (1999). ASIS SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science, Washington, DC, November 1-4, 1999.

Wildemuth, B. M., Sonnenwald, D. H., Kindon, V., & Brassell, E. (1999). Exploring electronic mentoring: a report from the field. ASIS Leadership Development Seminar, Annual meeting of the American Society for Information Science, Washington, DC, October 31, 1999.

Wildemuth, B. M., & Marchionini, G. (Exhibitors). (1999). Human information interactions: design and evaluation. *Managing Health Knowledge in the Twenty-first Century: Where Do We Stand?*, a program and reception honoring Nina Woo Matheson, Kenan Center, UNC-CH, May 14, 1999.

Wildemuth, B. M. (Organizer and moderator). (1998). Award-winning student papers. Annual meeting of the American Society for Information Science, Pittsburgh, PA, October 26-29, 1998.

Wildemuth, B. M., & Hsieh-Yee, I. (Organizers and moderators). (1998). ASIS SIG ED doctoral seminar on research and career development. Special session of the annual meeting of the American Society for Information Science, Pittsburgh, PA, October 26-29, 1998.

Wildemuth, B. M. (Organizer and moderator). (1998). Issues in administration in distance learning. Midyear meeting of the American Society for Information Science, Orlando, FL, May 18-20, 1998.

## **PRESENTATIONS AND PANELS, *continued***

Wildemuth, B. M. (Organizer and moderator). (1992). ASIS SIG ED doctoral and post-doctoral research workshop. Special session of the annual meeting of the American Society for Information Science, Pittsburgh, PA, October 26-29, 1992.

Wildemuth, B. M. (1990). Issues in interface design. Paper presented for the UNC-CH Campus Computer Support Group, October 10, 1990.

Wildemuth, B. M. (1990). 'A chicken in every pot, a micro on every desk': The effects of computer accessibility on end-user computing. Paper presented at the mid-year meeting of the American Society for Information Science, Fort Lauderdale, FL, May 14-16, 1990.

Wildemuth, B. M. (Organizer and Moderator). (1990). External connectivity: Will my office system talk to my online vendor? Session of the mid-year meeting of the American Society for Information Science, Fort Lauderdale, FL, May 14-16, 1990.

Wildemuth, B. M. (1989). End-user computing: The adoption of an intellectual technology in corporate settings. Paper presented at the annual meeting of the American Society for Information Science, Washington, DC, October 29-November 2, 1989.

Wildemuth, B. M. (1989). Interdisciplinary systems design: The contributions of library and information science. Paper presented for the UNC-CH School of Information and Library Science Alumni Reception, Chapel Hill, NC, April 30, 1989.

Wildemuth, B. M. (1989). Rites of passage: From Ph.D. to tenure and beyond. Pre-conference workshop, annual meeting of the Association for Library and Information Science Education, January 3, 1989.

Wildemuth, B. M. (1987). Studying the adoption of end-user computing: A theoretical basis. Paper presented at the annual meeting of the American Society for Information Science, Boston, October 4-8, 1987.

Wildemuth, B. M. (1985). The ERIC online digest file. Paper presented at the annual meeting of the American Society for Information Science, Las Vegas, October 20-24, 1985.

Wildemuth, B. M. (Chair and Organizer). (1981). Computer literacy: What is it, how do we teach it? Symposium of the Special Interest Group on Information Services to Education, annual meeting of the American Society for Information Science, Washington, DC, October 25-30, 1981.

## **WORKSHOPS**

Participant, "Education for Digital Stewardship: Librarians, Archivists, or Digital Curators?," Joint Conference on Digital Libraries, Pittsburgh, PA, June 16-20, 2008

Participant, "Values, Value and Worth: Their Relationship to HCI?," ACM SIGCHI '08 Pre-Conference Workshop, held at Florence, Italy, April 5, 2008

**WORKSHOPS, *continued***

Co-organizer with Javed Mostafa, Jerome McDonough, William Mischo, Edward A. Fox, & Jeffrey Pomerantz, "Developing a Digital Libraries Education Program," Joint Conference on Digital Libraries, Vancouver, BC, June 18, 2007

Tutorial presenter, "Effective research collaboration between librarians and ILS faculty," Libraries in the Digital Age, Dubrovnik, Croatia, May 31, 2007

Participant, "Exploratory Search Interfaces," ACM SIGCHI '07 Pre-Conference Workshop, held at San Jose, CA, April 29, 2007

Participant, "Developing a Digital Libraries Education Program," Joint Conference on Digital Libraries (ACM & IEEE-CS), Chapel Hill, NC, June 15, 2006

Participant, "Privacy and HCI: Methodologies for Studying Privacy Issues," ACM SIGCHI '06 Pre-Conference Workshop, held at Montreal, April 23, 2006

Participant, "Graduate Education in Human-Computer Interaction," ACM SIGCHI '05 Pre-Conference Workshop, held at Portland, OR, April 3, 2005

Participant, "Theoretical Frameworks of Information Behavior: Research Implications," 3rd Annual Research Symposium of the Special Interest Group on Information Needs, Seeking, and Use (SIG USE) of the American Society for Information Science and Technology, Long Beach, CA, October 18, 2003.

Participant, "Best Practices and Future Visions for Search User Interfaces," ACM SIGCHI '03 Pre-Conference Workshop, held at Fort Lauderdale, FL, April 6, 2003

Participant, "Designing Electronic Books," ACM SIGCHI '99 Pre-Conference Workshop, held at Pittsburgh, PA, May 16-17, 1999

Participant, "Information Retrieval Tools Workshop," sponsored by the National Science Foundation, held at the University of Pittsburgh, March 20-21, 1998

Participant, "How We Do User-Centered Design and Evaluation of Digital Libraries: A Methodological Forum," 37th Allerton Institute, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, held at Monticello, IL, October 29-31, 1995

Participant, "Designing the Teaching of HCI," ACM SIGCHI '94 Pre-Conference Workshop, held at Boston, MA, April 24-25, 1994

Participant, "Exploratory Sequential Data Analysis: Traditions, Techniques and Tools," ACM SIGCHI '92 Pre-Conference Workshop, held at Monterey, CA, May 4, 1992

## ADVISING OF AWARD-WINNING STUDENT PAPERS

Johnson, Nicholas A. *An investigation of the aesthetic fidelity of live websites*. Master's paper, 2008. Winner of SILS Dean's Achievement Award, 2008.

Binkowski, Philip J. *The effect of social proof on tag selection in social bookmarking applications*. Master's paper, 2006. Winner of SILS Dean's Achievement Award, 2007.

Gabehart, Mary. *An analysis of citations to retracted articles in the scientific literature*. Master's paper, 2005. Winner of ASIST Pratt-Severn Best Student Research Paper, 2005.

Johnson, Corey M. *Online chat reference: the awareness of, use of, interest in, and marketing of this new reference service technology*. Master's paper, 2002. Winner of SILS Dean's Achievement Award, 2003.

Hilligoss, Phillip Brian. *The role of web home page information elements in user-site orientation efforts*. Master's paper, 2001. Winner of ASIST Pratt-Severn Best Student Research Paper, 2001.

Kemp, Anna. *An evaluation of the business plan and web site of ECB, an e-commerce business*. Master's paper, 2000. Winner of SILS Dean's Achievement Award, 2001.

Chaffin, Kristin. *An investigation of function access method selection in graphical user interfaces*. Master's paper, 1996. Winner of SILS Dean's Achievement Award, 1997.

Gopal, Anandasivam. *Cognitive complexity and its influence on the usability of graphical user interfaces*. Master's paper, 1995. Winner of SILS Dean's Achievement Award, 1996.

Bass, Ron. *Analysis of the effect of documentation on user performance*. Master's paper, 1991. Winner of SILS Dean's Achievement Award, 1992.

Boles, Dale. *The effect of subject matter familiarity on inter-indexer consistency, number of index terms supplied, and indexer use of author terminology*. Field experience paper, 1989. Winner of ASIS Best Student Paper Award, 1989.

## PROFESSIONAL ASSOCIATIONS

American Society for Information Science and Technology

2007-	Director-at-Large
2005	Program Co-Chair, ASIST Annual Meeting
2005-2007	Research Award Jury
2000, 2001, 2003	Technical Program Committee, ASIST Annual Meeting
1994, 1998, 2001	ISI Dissertation Scholarship Jury, Chair
1999	Founder and Chair, Special Interest Group for Information Seeking and Use
1998	Technical Program Co-chair, ASIS Midyear Meeting
1997-2001	Education Committee
1996	ISI Dissertation Scholarship Jury
1995	Best Student Paper Award Jury, Chair
1991-1994	Award of Merit Nominations Committee; Chair, 1993-1994
1989-1991	Membership Committee

**PROFESSIONAL ASSOCIATIONS, *continued***

American Society for Information Science and Technology, *continued*

1989-1991 Awards & Honors Committee  
1989-1991 Deputy SIG Cabinet Director  
1989 Member, SIG Cabinet Task Force on SIG Communications  
1988-1989 SIG Cabinet Representative and Newsletter Editor, Special Interest Group for Office Information Systems  
1984-1985 Workshop Chair, New Jersey Chapter  
1981-1982 Chair, Special Interest Group for Information Services to Education

SIG CR, Classification Research  
SIG ED, Education for Information Science  
SIG HCI, Human Computer Interaction  
SIG USE, Information Seeking and Use

Association for Computing Machinery  
SIGCAS, Computers and Society  
SIGCHI, Computer and Human Interaction

Treasurer, Joint Conference on Digital Libraries (ACM & IEEE-CS), 2006  
Program Committee, Joint Conference on Digital Libraries (ACM & IEEE-CS), 2007, 2008  
Faculty Mentor, Doctoral Consortium, Joint Conference on Digital Libraries (ACM & IEEE-CS), 2007, 2008

Association for Information Systems  
Charter member, 1994  
SIG ADIT, Adoption and Diffusion of Information Technology  
SIG HCI, Human-Computer Interaction  
SIG HEALTH, IT in Health Care

Association for Library and Information Science Education

Church and Synagogue Librarians' Association

Computer Professionals for Social Responsibility

Special Libraries Association  
Ethics Task Force, 2007

Triangl Usability Professionals Association

**CAMPUS COMMITTEE ACTIVITIES**

Campus-wide committees/activities

Administrative Board, UNC-CH General College, 2008-present  
Interdisciplinary Health Communication Certificate Committee, 2007-present  
Faculty Athletics Committee, 2005-2008

## **CAMPUS COMMITTEE ACTIVITIES, *continued***

### Campus-wide committees/activities, *continued*

Parr Center for Ethics, Fellow, 2005-present  
SILS Administrative Board, 1991-1993, 2003-2006  
Educational Policy Committee, 2002-2005  
Advisory Committee, knowledgeFoundry@Carolina, 2002-2003  
Task Force on Information Technology in the Undergraduate Curriculum, Chair, 2000-2001  
SILS Dean Search Committee, 1997-1998  
Advisory Group on Enhancements to ATN's Instructional Support System, 1997-1998

### School of Information and Library Science

Masters' Committee, 1998-1999, 2008-2009 (chair)  
ASIST Student Chapter Liaison, 2008-2009  
Undergraduate Committee, 2002-2005 (ex officio), 2007-2008 (chair)  
Personnel Committee, 1988-1989, 1993-1994, 1995-1996 (chair), 2002-2003, 2003-2004 (co-chair), 2005-2006 (co-chair)  
Ad Hoc Undergraduate Major Committee, Chair, 2000, 2002  
Research and Doctoral Committee, 1989-90, 1990-91, 2000-2001 (chair), 2002  
Interaction Design Lab, Advisory Board, 1998-present  
Information and Technology Resources Committee, 1999 (chair)  
Dean's Achievement Award Jury, 1999  
ILSSA Liaison, 1989-1999  
Undergraduate Minor Committee, 1996-1998 (chair)  
Search Committee, 1992-1993, 1994-1995 (chair)  
Information Resources Committee, Chair, 1991-1992  
Admissions and Financial Aid Committee, 1991-1992  
Curriculum Committee, 1990-1991

## **OTHER PROFESSIONAL ACTIVITIES**

Member, Honorary Advisory Board, NC Health Info (nchealthinfo.org), 2003  
Local Organizing Committee, Evidence-Based Library & Information Practice conference, 2007

Mid-term project reviewer, Science Foundation Ireland, 2006  
Proposal reviewer, Social Sciences and Humanities Research Council of Canada, 2001  
Proposal review panel member, National Science Foundation, 1998, 2007, 2008  
Proposal review panel member, University of Wisconsin-Milwaukee, 2007

### Referee

ACM SIGBIT *Data Base*, 1994  
ACM SIGCHI Annual Conference, 2008  
ACM *Transactions on Information Systems*, 2007, 2008  
American Society for Information Science, Annual Meeting, 1992, 1996, 2000, 2003, 2005  
*Annual Review of Information Science & Technology*, 2001  
*Behaviour & Information Technology*, 2003  
Conceptions of Library and Information Science conference, 2007  
*Discourse Processes*, 2004

## **OTHER PROFESSIONAL ACTIVITIES, *continued***

### *Referee, continued*

*Evidence-Based Library and Information Practice*, 2007, 2008  
*Handbook of Technology Management*, 2008  
Information Interaction in Context conference, 2006, 2008  
*Information Processing & Management*, 1995, 1999, 2004, 2005, 2007  
Information Seeking in Context conference, 2004, 2006, 2008  
*Information Systems Research*, 2004  
Joint Conference on Digital Libraries, 2008  
*Journal of Education for Library and Information Science*, 1991  
*Journal of Communication*, 1992  
*Journal of Information Technology Theory & Application*, 2006  
*Journal of Medical Internet Research*, 2008  
*Journal of the American Society for Information Science*, 1994, 1996  
*Journal of the American Society for Information Science and Technology*, 2003-2008  
*Journal of Web Engineering*, 2004  
*Library & Information Science Research*, 2000  
*Library Quarterly*, 1999  
*MIS Quarterly*, 1990-1993

### *Panel/session moderator*

Interactionary judge, Triange Usability Professionals Association, World Usability Day, November 8, 2007  
Access and information seeking. Annual meeting of the American Society for Information Science & Technology, Milwaukee, WI, October 22, 2007.  
Award-winning student papers. Annual meeting of the American Society for Information Science & Technology, Milwaukee, WI, October 23, 2007.  
Music digital libraries. Joint Conference on Digital Libraries, Vancouver, BC, June 18-23, 2007.  
Bringing evidence to practice: A team approach to teaching skills required for an informationist role in evidence-based clinical and public health practice. Evidence-Based Library & Information Practice 4, Chapel Hill, NC, June 9, 2007.  
Understanding patron needs and resources usage in the networked academy. Evidence-Based Library & Information Practice 4, Chapel Hill, NC, June 8, 2007.  
Award-winning student papers. Annual meeting of the American Society for Information Science & Technology, Charlotte, NC, November 1, 2005.  
Award-winning student papers. Annual meeting of the American Society for Information Science & Technology, Providence, RI, November 16, 2004.  
Empowering users: Cultures and conflicts from social informatics perspectives. Session sponsored by ASIST SIG USE, Annual meeting of the American Society for Information Science & Technology, Providence, RI, November 14, 2004.  
Uses of classification in Web research and management. Annual meeting of the American Society for Information Science & Technology, Washington, DC, November 8, 2001.  
Technologies for communication. Annual meeting of the American Society for Information Science & Technology, Washington, DC, November 6, 2001.  
Award-winning student papers. Annual meeting of the American Society for Information Science & Technology, Washington, DC, November 5, 2001.  
International and interdisciplinary collaboration. "Sharing Our Strengths: Cooperative International Distance Education in Health Sciences Knowledge Management," supported by a grant from the North Carolina/Israel Partnership, Chapel Hill, NC, February 19, 2001.

**OTHER PROFESSIONAL ACTIVITIES, *continued***

Panel/session moderator, *continued*

Student award-winning papers. Annual meeting of the American Society for Information Science & Technology, Chicago, IL, November 12-16, 2000.

Impact and use (usability): Contributed papers. Midyear meeting of the American Society for Information Science, Pasadena, CA, May 24-26, 1999.

Dynamics and dimensions of user information problems as foci of interaction in information retrieval. Annual meeting of the American Society for Information Science, Pittsburgh, PA, October 26-29, 1998.

Intra-organizational teams. Midyear meeting of the American Society for Information Science, Orlando, FL, May 18-20, 1998.

Retrieval--Theoretical analysis. Session of the annual meeting of the American Society for Information Science, Pittsburgh, PA, October 26-29, 1992.

Information behaviors of managers. Session of the annual meeting of the American Society for Information Science, Washington, DC, October 27-31, 1991.

SILS liaison, Student Paper Award, Microcomputer Users Group for Libraries in North Carolina (MUGLNC), 1993, 1994, 1995

ERIC Technology Committee, 1980-1984: A system-wide committee with a charter to explore new technologies for use by the ERIC system

Member of the Editorial Advisory Board for *Educational Measurement: Issues and Practice*, 1981-1983: A publication of the National Council on Measurement in Education

Editor, *Measurement News*, 1979-1981: Newsletter of the National Council on Measurement in Education