References

Ackerman, M. (1994). Providing social interaction in the digital library. *Proceedings of Digital Libraries '94*, Texas A&M University, College Station, TX, June.

Ackerman, M., & McDonald, D. (1996). Answer Garden 2: Merging organizational memory with collaborative help. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (CSCW'96), November, 97-105.

Ackerman M., & McDonald, D. (2000). Collaborative support for informal information in collective memory systems. *Journal of Information Systems Frontiers, 2 (3/4),* 333-347.

Bass, M.J., & Branschofsky, M. (2001). DSpace at MIT: Meeting the challenges. *Proceedings of the first ACM/IEEE-CS Joint Conference on Digital Libraries* (JCDL-01), Roanoke, VA, 468.

Beyer, H. & Holtzblatt, K. (1998). *Contextual Design: Defining Customer-Centered Systems*. Morgan Kaufmann, San Francisco.

Bishop, A.P., & Star, S.L. (1996). Social informatics of digital library use and infrastructure. In M.E. Williams (Ed.). *Annual Review of Information Science and Technology,* Vol. 31 (special issue of the *Journal of the American Society for Information Science*).

Borner, K., Feng, Y., and McMahon, T. (2002). Collaborative visual interfaces to digital libraries. *Proceedings of the Joint Conference on Digital Libraries, JCDL'02*. New York: ACM, pp. 279-280.

Bos, N., Gergle, D., Olson, J..S., & Olson, G.M. (2001). Being there versus seeing there: trust via video. In *CHI 2001 Extended Abstracts*. New York: ACM, 291-292.

Cadiz, J.J., Gupta, A., and Grudin, J. (2000). Using Web annotations for asynchronous collaboration around documents. *Proceedings of the Conference on Computer Supported Cooperative Work, CSCW'00*. New York: ACM, pp. 309-318.

Chase, R. (1998). Knowledge Navigators. *Information Outlook*, September, 17-26.

Chin, J. P., Diehl, V. A. & Norman, K. L. (1988). Development of an instrument measuring user satisfaction of the human-computer interface. *Proceedings of CHI'88*, New York: ACM, 213-218.

Churchill, E.F., Trevor, J., Bly, S., Nelson, L., and Cubranic, D. (2000). Anchored conversations: chatting in the context of a document. *Proceeding of CHI2000*. New York: ACM, pp. 454-461.

Cleary, T. (1999). Communicating customer information at Cabletron Systems, Inc. *Interactions*, 6(1), 44-49.

Constant, D., Sproul, L., & Keisler, S. (1996). The kindness of strangers: The usefulness of electronic weak ties for technical advice. *Organizational Science*, 7 (2).

Corritore, C.L., Kracher, B., & Wiedenbeck, S. (2001). Trust in the online environment. In M.J. Smith, G. Salvendy, Harris, D., and Koubek, R.J. (Eds.) *Usability Evaluation and Interface Design: Cognitive Engineering, Intelligent Agents and Vitrual Reality* (1548-1552). Lawrence Erlbaum Associates, Mahwah, NJ.

Covi, L., & Kling, R. (1996). Organizational dimensions of effective digital library use: Closed rational and open natural systems models. *Journal of the American Society for Information Science*, 47 (9).

Crabtree, A., Twidale, M.B., O'Brien, J., and Nichols, D.M. (1997). Talking in the library: implications for the design of digital libraries. *Proceedings of the Conference on Digital Libraries DL'97*. New York: ACM, pp. 221-228.

Davenport, T.H. (1977). *Information ecology*. New York: Oxford University Press.

Davenport, E., Procter, R., & Goldenberg, A. (1997). Distributed expertise: remote reference service on a metropolitan area network. *The Electronic Library, 15* (4), 271-278.

Davenport, T.H., & Prusack, L. (1998). *Working Knowledge: How organizations manage what they know*. Harvard Business School Press, Boston.

Davis, F.D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly*, 13(3), 319-340.

Davis, F.D. (1993). User acceptance of information technology: system characteristics, user perceptions and behavioral impacts. *International Journal of Human-Computer Studies*, 38(13), 475-487.

Dillenbourg, P. (Ed.). (1999). *Collaborative learning: Cognitive and computational approaches*. Oxford, UK: Pergamon.

Ehrlich, K, & Cask, D. (1994). Turning information into knowledge: Information finding as a collaborative activity. *Proceedings of Digital Libraries '94*, Texas A&M University, College Station, TX, June.

Erickson, T., & Kellogg, W. (2000). Social translucence: an approach to designing systems that support social processes. *Transactions on Computer-Human Interaction (TOCHI), 7(1)*, 59-83.

Gould, J.D., Boies, S.J., & Ukelson, J. (1997). How to design usable systems. In M.G. Helander, T.K. Landauer, and P.V. Prabhu (Eds.), *Handbook of Human-Computer Interaction*, 2nd Ed. (231-253). Elsevier, Amsterdam.

Greenbaum, J., & Kyung, M. (Eds.), (1991). *Design at work: Cooperative design of computer systems*. Hillsdale, NJ: Lawrence Erlbaum Associates.

Grudin, J. (1994). Groupware and social dynamics: eight challenges for developers. *Communications of the ACM*, 37(1), 92-105.

Hinds, P., & Keisler, S. (1995). Communication across boundaries: Work, structure and the use of communication technologies in a large organization. *Organizational Science*, 6 (4).

Holtzblatt, K. and Jones, S. (1997). Contextual inquiry: a participatory technique for system design. *Handbook of Human-Computer Interaction* (177-210). Amsterdam: Elsevier Scientific.

Hoppe, H.U. & Zhao, J. (1994). C-TORI: an interface for cooperative database retrieval. In Karagiannis, D. (Ed.), *Database and Expert Systems Applications*. Berlin: Springer-Verlag, 103-113.

Huang, Z., Chung, W., Ong, T.-H., and Chen, H. (2002). A graph-based recommender system for digital library. *Proceedings of the Joint Conference on Digital Libraries, JCDL'02*. New York: ACM, pp. 65-73.

Jenkin, C., Corritore, C.L., & Wiedenbeck, S. (submitted). Patterns of information seeking on the Web: domain expertise and internet expertise.

Johansen, R. (1988). *Groupware: Computer support for business teams*. New York: The Free Press.

Kasowitz, A.S. (2001). Trends and issues in digital reference services. *ERIC Digest*, EDO-IR-2001-07. [Online] Available: http://www.ericit.org/digests/EDO-IR-2001-07.shtml. November, 2001.

Kling, R. (1999). What is social informatics and why does it matter? *D-Lib Magazine, 5*(1).

Lankes, R. D. (1993a). AskERIC: The virtual librarian. *Information Searcher* 6(1), 20-22.

Lankes, R. D. (1993b). Building human expertise into information systems

Lankes, R. D. (1998). The virtual reference desk: Building human expertise into information systems. *Proceedings of the ASIS Annual Meeting*, 35. Medford, NJ: Information Today, 81-90.

Lave, J., & Wenger, E. (1991). *Situated learning: Legitimate peripheral participation*. Cambridge, UK: Cambridge University Press.

Legace, N., & McClennen, M. (1998). Questions and quirks. *Computers in Libraries, 18 (2)*, 24-27

Levy, D., & Marshal, C. (1995). Going digital: A look at assumptions underlying digital libraries. *Communications of the ACM*, 38 (4).

Lewis, J.D. & Weigert, A. (1985). Trust as a social reality. *Social Forces*, 63, 967-985.

Marshall, L. (1997). Facilitating knowledge management and knowledge sharing: New opportunities for information professionals. *Online*, Vol. 21 No. 5, 92-98.

Mayer, R.C., Davis, J.H., & Schoorman, F.D. (1995). An integrative model of organizational trust, *Academy of Management Review,* 20(3), 709-734.

Manduca, C.A., McMartin, F.P., & Mogk, D.W. (2001). Pathways to progress: Vision and plans for developing the NSDL. March 20. Available at http://nsdl.comm.nsdlib.org/Comm.Center_Archive/workgroups/whitepaper.pdf

Nardi, B., & O'Day, V. (1996). Intelligent agents: What we learned in the library. *Libri*, 46 (2).

National Science Foundation (1998). *Information Technology: Its Impact on Undergraduate Education in Science, Mathematics, Engineering, and Technology*. NSF 98-82, April 13.

National Science Foundation (1998). *Information Technology: Its Impact on Undergraduate Education in Science, Mathematics, Engineering, and Technology*. NSF 98-82, April 13.

National Science Foundation (1999). *Digital libraries and education*. Report of a working meeting, Jan. 4-6. Available at http://www.dli2.nsf.gov/dljanmtg.pdf.

National Science Foundation (2003). National science, technology, engineering, and mathematics education digital library—Program solicitation NSF 03-530. Available at http://www.nsf.gov/pubs/2003/nsf03530/nsf03530.htm

National Research Council. (1998). *Developing a digital national library for undergraduate science, mathematics, engineering, and technology education.* NRC workshop, August 7-8. Washington, D.C.: National Academy Press.

Nichols, D.M., Pemberton, D., Dalhoumi, S., Larouk, O., Belisle, C., and Twidale, M.B. (2000). DEBORA: developing an interface to support collaboration in a digital library. Proceedings of the Research and Advanced Technology for Digital Libraries: 4th European Conference, ECDL2000. *Lecture Notes in Computer Science*, 1923, pp. 239-248.

Nichols, D.M. and Twidale, M.B. (1997). Matchmaking and privacy in the digital library: striking the right balance. *Proceedings of the Fourth Electronic Library and Visual Information Research Conference EL VIRA4.* London:Aslib, pp. 31-38.

Normone, L.F. (1998). *Reference in context project*, [website]. OCLC. Available: http://www.oclc.org/research/publications/arr/1998/normone/reference.htm.

O'Day, V.L. and Jeffries, R. (1993). Information artisans: Patterns of result sharing by information searchers. *Proceedings of Conference on Organisational Computing Systems* (COOCS'93). New York: ACM, pp. 98-107.

O'Hara, K., Smith, F., Newman, W., and Sellen, A. (1998). Student readers' use of library documents: implications for library technologies. *Proceedings of CHI'98*. New York: ACM, pp. 233-240.

Orlikowski, W. (1992). *Learning from notes: Organizational issues in groupware implementation.* Paper presented at the CSCW '92, Toronto, Canada.

Pottenger,W.M., Callahan, M.R., and Padgett, M.A. (2001). Distributed information management. In M.E. Williams (Ed.), *Annual Review of Information Science and Technology*, Vol. 25, pp. 79-111.

Procter, R., Goldenberg, A., McKinlay, A., & Davenport, E. (1997). Enhancing community and collaboration in the virtual library. In C. Peters & C. Thanos (Eds.), *Proceedings of the First European Conference on Research and Advanced Technology for Digital Libraries*, Pisa, September, *Lecture Notes in Computer Science v. 1324*. Springer-Verlag, p. 23-40.

Procter, R., Goldenberg, A., Davenport, E., & Mckinlay, A., (1998). Genres in Support of Collaborative Information Retrieval in the Virtual Library. *Interacting with Computers, 10(2),* 157-175.

Rao, R., Pedersen, J.O., Hearst, M.A., Mackinlay, J.D., Card, S.K., Masinter, L., Halvorsen, P., & Robertson, G.G. (1995). Rich interaction in the digital library. *Communications of the ACM*, 38 (4), April.

Renninger, K. A., & Shumar, W. (2002). *Building virtual communities*. Cambridge, UK: Cambridge University Press.

Resnick, P., Iacovou, N., Suchak, M., Bergstrom, P., and Riedl, J. (1994). GroupLens: an open architecture for collaborative filtering of netnews. *Proceedings of the Conference on Computer Supported Cooperative Work, CSCW'94*. New York: ACM, pp. 175-186.

Robertson, S. (2002). A tale of two knowledge-sharing systems. *Journal of Knowledge Management*, *6* (1), 295-308.

Robertson, S. (2000). The digital city's public library: Support for community building and knowledge sharing. In T. Ishida & K. Isbister (Eds.), *Digital cities: Technologies, experiences, and future perspectives.* Lecture Notes in Computer Science (vol 1765), Berlin: Springer-Verlag, 246-260.

Robertson, S., Jitan, S., & Reese, K. (1997). Web-based collaborative library research . *Proceedings of the Second ACM International Conference on Digital Libraries* . New York: ACM Press, 152-160.

Robertson, S., & Reese, K. (1999). A virtual library for building community and sharing knowledge. *International Journal of Human-Computer Studies, 51*, 663-685.

Rocco, E. (1998). Trust breaks down in electronic contexts but can be repaired by some initial face-to-face contact. In *Proceedings of CHI 1998*. New York: ACM, 496-502.

Scardamalia, M., & Bereiter, C. (1996). Computer support for knowledge-building communities. In T. Koschmann (Ed.), *CSCL: Theory and practice of an emerging paradigm* (pp. 249-268). Hillsdale, NJ: Lawrence Erlbaum Associates.

Schuler, Douglas & Aki Namioka, Eds. (1993). *Participatory design: Principles and practices*. Hillsdale, NJ: Lawrence Erlbaum Associates.

Sellen, A.J. and Harper, R.H.R. (2001). *The Myth of the Paperless Office*. Cambridge, MA: MIT Press.

Shumar, W., & Renninger, K. A. (2002). Introduction: On conceptualizing community. In K. A. R. W. Shumar (Ed.), *Building virtual communities* (pp. 1-19). Cambridge, UK: Cambridge University Press.

Slotta, J. D., & Linn, M. C. (2000). The knowledge integration environment: Helping students use the internet effectively. In M. J. Jacobson & R. Kozma (Eds.), *Learning the sciences of the 21st century*. Hillsdale, NJ: Lawrence Erlbaum Associates.

Stahl, G. (2000). Collaborative information environments to support knowledge construction by communities. *AI & Society, 14*, 1-27.

Stahl, G. (2002). *Groupware goes to school.* Paper presented at the Groupware: Design, Implementation and Use -- CRIWG 2002, 8th International Workshop on Groupware, La Serena, Chile.

Stahl, G. (2003). Building collaborative knowing: Elements of a social theory of learning. In J.-W. Strijbos, P. Kirschner & R. Martens (Eds.), *What we know about CSCL in higher education*. Amsterdam, NL: Kluwer.

Stahl, G., Sumner, T., & Repenning, A. (1995). Internet repositories for collaborative learning: Supporting both students and teachers. *Proceedings of Computer Support for Collaborative Learning* (CSCL'95). Bloomington, Indiana: Indiana University, October 17-20, 321-328.

Twidale, M., & Nichols, D. (1998). Designing interfaces to support collaboration in information retrieval. *Interacting With Computers, 10(2),* 177-93.

Twidale, M., Nichols, D., & Paice, C. (1997). Browsing is a collaborative process. *Information Processing & Management, 33(6),* 761-83.

Twidale, M., Nichols, D., Smith, G., & Trevor, J. (1995). Supporting collaborative learning during information searching. *Proceedings of Computer Support for Collaborative Learning* (CSCL'95). Bloomington, Indiana: Indiana University, October 17-20, 367-74.

Tyckoson, D.A. (1999). What's right with reference. *American Libraries, 30*, 57-64.

Wilensky, R. (2000). Digital library resources as a basis for collaborative work. *Journal of the American Society for Information Science, 51*, 228-245.

Williams, R.R., & Bukowitz, W.R. (1997). Knowledge managers guide information seekers. *HR Magazine*, January, 77-81.

Wenger, E. (1998) Learning as a social system. *Systems Thinker*, June.

Zand, D.R. (1972). Trust and managerial problem solving. *Administrative Science Quarterly*, 17, 229-239.

Zimmermann, B., Atwood, M., Webb, S. & Kantor, M. (2000) The Knowledge Depot: Building and evaluating a knowledge management system. *Educational Technology & Society, 3*, 137-149.