

Curriculum Vitae
Joan M. Mazur

Joan M. Mazur
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University of Kentucky
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EDUCATION

- Ph.D. Curriculum and Instruction, Cornell University, 1993
Dissertation Topic: *Interpretation and Use of Visuals in an Interactive Multimedia Fiction Program*
- M.S. Philosophy of Education, Cornell University, 1989
- B.A. English: Secondary Education, State University College, Geneseo, New York, 1971
- Rutgers Summer School of Alcohol Studies, 1977
- Eastern Institute of Alcohol Studies, Ursinus College, Summer, 1974

CURRENT POSITION

Associate Professor, Instructional Systems Design and Technology, Department of Curriculum and Instruction, University of Kentucky.

Courses Taught:

EDC 543 - Video for Multimedia Development & Distance Education
EDC 547 - Instructional Computing I
EDC 544 - Integration and Utilization of Instructional Media
EDC 609 - Interactive Multimedia Research and Design
EDU 645 - Pedagogical Foundations of Teacher Education (Technology)
EDC 709 - Social Design of Interactive Systems

RESEARCH AND SCHOLARLY ACTIVITY

Refereed Journal Articles

Mazur, J., Cole, H., Reed, D., and Claunch, D. (in press). An analysis of instructional practices and materials at the 4-Just-Kids Safety Day Camps. Journal of Agricultural Safety and Health.

Cole, H., Mazur, J., Kidd, P., Scharf, T., Westneat, S., Phillips, S., Bayer, S., Colligan,

M. Chrislip, D., Elliott, P. (Submitted). Promoting Tractor and Farm Safety Practices Among High School Social Studies Students and Adult Farmers in Rural Communities. Accepted (12/04) to the Journal of Rural Community Health.

Miller C. and Mazur, J. (2001). Towards a person-centered model of instruction: Can an emphasis on the personal enhance instruction in cyberspace? The Quarterly Review of Distance Education, 2(3), pp. 193-207.

Gibson, M. and Mazur, J. (2001). "It's funner now!" Where on-line guidance stops and mentoring starts: Fifth graders' perceptions of doing research with the Research Buddy. In R. Branch and M.A. Fitzgerald (Eds.) 2001 Educational Media & Technology Yearbook, pp. 132-138.

Mazur, J. (2000). Applying insights from film theory and cinematic technique to create a sense of community and participation in a distributed video environment. Journal of Computer Mediated Communications (<http://>), 5(1).

Bliss, T., and Mazur, J. (1996). CASENET: Developing Associations of Experienced and Novice Educators through Technology. Journal of Teacher Education, 47(3), 185-190.

Mazur, J. (1995). Warning! Slippery road ahead: Internet access and district liability. School Business Affairs, 60(7) 13-18.

Gay, G., Mazur, J. and Lentini, M. (1994). The use of hypermedia data to enhance design. Computer Graphics: SIGGRAPH, 28(19), 34-37.

Gay, G., and Mazur, J. (1993). The utility of computer tracking tools for user centered design. Educational Technology, April, 1993.

Trumbull, D.J. Gay, G., and Mazur, J. (1992). Students actual and perceived use of navigational and guidance tools in a hypermedia program. Journal of Research on Computing in Education, 24, 315-328.

Gay, G., Trumbull, D.J., and Mazur, J. (1991). Designing and testing navigational strategies and guidance tools for a hypermedia program. Journal of Educational Computing Research, 7(2), 189-202.

Gay, G., and Mazur, J. (1990). Conceptualizing a hypermedia design for language learning. Journal of Research on Computing in Education, 22(2), 119-126.

Refereed Proceedings

Mazur, J. , Eggers, D. and Lio, C. (2004). Immersive visualization and K-12 Instruction. In Proceedings of the Annual Conference of the Association of Educational Communications Technology (AECT), October, 2004, Chicago, IL.

Eggers, D., Mazur, J., and Lio, C. (2004). Immersive visualization and K-12 education. In Proceedings of the Annual SIGGRAPH Conference, July, 2004, San Diego, CA.

Mazur, J. , and Lio, C. (2004). Learner articulation in an immersive visualization environment. In Proceedings of the Annual SIGCHI Conference, April 2004, Vienna, Austria.

Jaynes, C., Mazur, M., and Lio, C. (2002). Towards Visualizing HCI for Immersive Environments: The MetaSituational Tracker. In Proceedings of the Annual SIGGRAPH Conference, July 2002, San Antonio, TX.

Mazur, J. (2002). Narrative forms of instruction. In Proceeding of the Association of Educational Communications Technology (AECT). November 2002, Dallas, TX.

Mazur, J. and Cole, H. (2002). Integrating Farm Safety Information into Social Studies Classrooms in Rural Public Schools: A Report from the Field: 1998-2002. Paper presented at the annual conference of the International Commission on Occupational Health (ICOH), Baltimore, MD.

Miller, C. and Mazur, J. (2000). Developing a person-centered model of instruction: Can an emphasis on the personal enhance instruction in cyberspace? In Proceeding of the Association of Educational Communications Technology. October, 2000, Denver: CO.

McCrary, N. and Mazur, J. (1999). Designing and testing a narrative simulation exercise to affect bias and discrimination. In Proceeding of the Association of Educational Communications Technology. February, 2000, Houston, TX.

Mazur, J. and Lin, B.C. (1996). Linking performance to insight. In the Proceedings of the Ed-Media Conference of AACE. June, 1996 Boston, MA.

Bliss, T., and Mazur, J. (1995a). Making standards come alive. In the Proceedings of the International Conference on Standards and Assessment. University of North Carolina: Chapel Hill, NC.

Mazur, J. and Bliss, T. (1995). CASENET: Creating conditions for conversation and community for teachers in the midst of reform. In the Proceedings of the Computer Support for Collaborative Learning '95 Conference. New York: ACM.

Book Publications

Bliss, T and Mazur, J. (2000). K-12 Teachers in the Midst of Reform: Standards-Based Cases. Upper Saddle River, NJ: Prentice-Hall/Pearson

Bliss, T and Mazur, J. (1999). Elementary Teachers in the Midst of Reform: The Common Thread Cases. Upper Saddle River, NJ: Prentice-Hall/Pearson

Bliss, T. and Mazur, J. (1998). Secondary and Middle School Teachers in the Midst of Reform: The Common Thread Cases. Upper Saddle River, NJ: Prentice-Hall/Simon & Schuster.

Multimedia CD-ROM Publication

Mazur, J. and Bliss, T. (1999). Elementary Teachers in the Midst of Reform: The Common Thread Cases CD-ROM. Upper Saddle River, NJ: Prentice-Hall/Pearson

Mazur, J. and Bliss, T. (1998). Secondary and Middle School Teachers in the Midst of Reform: The Common Thread Cases CD-ROM. Upper Saddle River, NJ: Prentice-Hall/Simon & Schuster.

Book Chapters

Mazur, J. (2004). Conversation Analysis for Educational Technologists: Theoretical and Methodological Issues for Researching the Structures, Processes and Meaning of On-line Talk. In D. Jonassen (Ed.) Handbook of Research for Educational Communications and Technology. New York: McMillian.

Mazur, J. and Bliss T. (1998). Dimensions of a knowledge support system: Multimedia cases and high bandwidth networks. In J Hirschbuhl & D. Bishop (Eds.) Computer in Education, Eighth Edition. Guilford, NJ: Dushkin/McGraw-Hill.

Mazur, J. and Gunter, P.A.Y. (1996). Imagery and creativity in education technology: An exchange. In G. Allan (Ed.) Process Papers, No.1, pp.35-40
Carlisle, PA: Association for Process Philosophy.

Bliss, T. and Mazur, J. (1995). Creating a shared culture through cases and technology: The faceless landscape of reform. In P. Desberg, J. Colbert, and K. Trimble (Eds) The Case for Education: Contemporary Approaches for Using Case Methods. Boston, MA: Allyn Bacon.

Gay, G., and Mazur, J. (1991). Navigating in Hypermedia. In E. Berk and J. Devlin

(Eds.), Hypertext/Hypermedia Handbook. New York: McGraw-Hill Publishing, Inc.

National Conference Presentations

Mazur, J., Lio, C., Egger, D., (2004). The Metaverse Project: New directions in immersive visualization and instruction. Panel of papers presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Jones, J. and Mazur, J. (2004). In the pursuit of a virtual community of practice: E-mail discourse as a technology integration resource. Paper presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Lio, C. and Mazur, J. (2004) Exploring the instruction of fluid dynamics concepts in an immersive virtual environment: A case study of pedagogical strategies. Paper presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Research and Technical Reports

Mazur, J. (2004). Towards a research agenda for technology in Kentucky. In *Setting a Research Agenda for Education Reform and Improvement*. Proceedings from the University of Kentucky/University of Louisville Collaborative Research Conference, October, 2004. Lexington, KY: University of Kentucky/University of Louisville.

Mazur, J. (2002). A review of KERA research: Educational Technology. Institute of Education Reform. Available at www.kier.org. University of Kentucky, Lexington, KY.

Mazur, J. and Smith, D. (1996). A review of KERA research: Educational Technology. Institute of Education Reform, University of Kentucky, Lexington, KY.

Mazur, J. (1995). The Implementation of Kentucky's Education Technology System (KETS). The Kentucky Institute for Education Reform, Frankfort, KY.

Smith, D. and Mazur, J. (1996). A review of KERA research: Educational Technology. Institute of Education Reform, University of Kentucky, Lexington, KY.

Smith, D. and Mazur, J. (1994). A review of KERA research: Educational Technology. Institute of Education Reform, University of Kentucky, Lexington, KY.

Other Publications

Mazur, J. (1999). [Review of the book The ID Casebook]. Education Technology Research & Development, 47, (1) pp. (3/01/99).

Mazur, J. (1995). Right of way on the information superhighway: Access and policy issues for schools. Tech-nos Quarterly for Education and Technology.

Bliss, T. and Mazur, J. (1995). Cases, Technology and Education Reform. In Teaching and Learning Center Newsletter. Lexington, KY: Teaching and Learning Center.

International and National Presentations (Refereed)

Mazur, J., Lio, C., Egger, D., (2004). The Metaverse Project: New directions in immersive visualization and instruction. Panel of papers presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Jones, J. and Mazur, J. (2004). In the pursuit of a virtual community of practice: E-mail discourse as a technology integration resource. Paper presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Lio, C. and Mazur, J. (2004) Exploring the instruction of fluid dynamics concepts in an immersive virtual environment: A case study of pedagogical strategies. Paper presented at the Annual Conference of the Association of Educational Communication Technology (AECT), Chicago, IL. October, 2004.

Mazur, J. and Jones, P. (2002). Talking and Working in an On-line Context: A Conversation Analysis of a Web-based Synchronous Chat Used for On-line Professional Development. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Dallas, TX.

Cole, H., Mazur, J., McCrary, N., and Wagner, K. (2002). Narrative Forms of Instruction: Implications for Researching and Designing The Use of Story in Multiple Learning Contexts. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Dallas, TX.

Mazur, J. and Vaez, H. (2002). Choosing a Learning Path: An Examination of Users' Navigation Patterns within an Interactive Multimedia Animation. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Dallas, TX.

Mazur, J. and Cole, H. (2002). Integrating Farm Safety Information into Social Studies Classrooms in Rural Public Schools: A Report from the Field: 1998-2002. Paper presented at the annual conference of the International Commission on Occupational Health (ICOH), Baltimore, MD.

Cole, H., Piercey, L., Struttman, T., Westneat, S., Brandt, V., Mazur, J., and Morgan, S. (2002). Improving farmers' self-protective behavior with a narrative-based tractor safety community education program. Paper presented at the annual conference of the International Commission on Occupational Health (ICOH), Baltimore, MD.

Jaynes, C., Mazur, J. and Lio, C. (2002). Visualizing HCI: The Metaverse SituationalTracker. Presentation at the SIGGRAPH Conference. San Antonio, TX, . July 20-26, 2002.

Mazur, J. Lio, C., Jaynes, C., McDonough, J., and Webb, S (2002). The Metaverse: A laboratory for digital media networks: An initial perspective from users. Paper presented at the 13th International Conference on College Teaching and Learning. Jacksonville, FL. April 9-13, 2002.

Mazur, J., McCrary, N., Cole, H., and Wagner, K. (2001). Narrative Forms of Instruction: Implications for Researching and Designing The Use of Story in Multiple Learning Contexts. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Atlanta, GA.

Miller, C.T. and Mazur, J. (2001). Roger's person-centered instructional theory and virtual environments: Examining a fresh perspective. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Denver, CO.

Mazur, J. (2000). The application of concepts and principles from film theory to build community in a distributed video environment. Paper accepted at the annual conference of the American Educational Research Association (AERA), New Orleans, LA.

Miller, C.T. and Mazur, J. (2000). Roger's person-centered instructional theory and virtual environments: Can an emphasis on the personal enhance instruction in cyberspace? Paper presented at the annual conference of the Association for Education and Computing Technology (AECT), Long Beach, CA.

McCrary, N. and Mazur, J. (1999). Narrative simulation to affect bias and discrimination for homophobia: Design and initial field tests. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Houston, TX.

Mazur, J., and Villarreal-Stewart, (1999). Implementing web-based instructional resources: A contextual analysis. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Houston, TX.

Mazur, J. (1998). Characteristics of High Implementors: What Makes Technology Reform Work? Paper presented at the annual conference of the American Educational Research Association (AERA). April, 1998 San Diego, CA.

Mazur, J. & Bliss, T. (1998). Problem-centered cases and education reform. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). St. Louis, Missouri.

Sandidge, R., Spalding, E., Mazur, J., & Wilson, A. (1998). Preparing professional leaders for school reform: An alternative approach. Annual conference of the American Association of Colleges of Teacher Education (AACTE), New Orleans, February, 1998.

Sandidge, R., Spalding, E., Mazur, J., & Wilson, A. (1998). Preparing professional teachers for restructured schools: Lessons learned from an alternative approach. Annual conference of the Association of Teacher Educators (ATE), Dallas, February, 1998.

Mazur, J., Villarreal-Stewart, I., Peach, A., Clinton, E., (1998). Implementing web-based instructional resources: What do students learn? Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). St. Louis, Missouri.

Mazur, J. (1997). An evaluation of a statewide technology reform initiative: Characteristics of high/low implementing school districts. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Albuquerque, NM.

Mazur, J., Villarreal-Stewart, I., Clinton, E., Kaplan, C. (1997). An evaluation of an electronic field trip on the world wide web. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Albuquerque, NM.

Mazur, J. and Bliss, T. (1997). Situated knowledge support for an on-line dynamic learning community. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Albuquerque, NM.

Bliss, T. and Mazur, J. (1997). How INTASC standards come alive through case

studies. Paper presented at the annual meeting of the American Association of Colleges of Teacher Education (AACTE). Phoenix, AZ, February, 1997.

Mazur, J. and Lin, B.C. (1996). Linking performance to insight. Paper presented at the annual Ed-Media conference of American Association for Computer in Education (AACE). Boston, MA. July, 1996.

Mazur, J. and Bliss, T (1996). Casenet: Professional Development, Multimedia Cases and High Bandwidth Networks. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Indianapolis, IN.

Pankratz, R., Bridge, C., Mazur, J., Matthews, B. Van Meter, E., Daniel, P., (1996) The Impact of Five State Mandated Reform Initiatives on the Instructional Programs in Kentucky Schools. Paper presented at the annual American Educational Research Association Conference (AERA), New York, NY.

Mazur, J. and Bliss, T (1995). Creating Conditions for Conversation and Community. Paper presented at the Computer Supported Collaborative Learning Conference (CSCL Division of ACM). Bloomington, IN.

Mazur, J. and Bliss, T (1995). CASENET: Professional development through CD-ROM cases and high bandwidth telecommunications. Paper with poster presented at the annual American Educational Research Association Conference (AERA), New Orleans, LA.

Mazur, J. (1995). Enhancing the cognitive activity of on-line discussions. Paper presented at the annual conference of the Association for Education and Computing Technology (AECT). Anaheim, CA.

Mazur, J. (1995). Compact Disc Technology and Teacher Performance Standards. Paper presented at the International Conference on Standards and Assessment. University of North Carolina, Chapel Hill, NC.

Bliss T. and Mazur, J. (1995). New Teacher Performance Standards and the Case Method. Paper presented at the annual conference of American Association of Colleges of Teacher Education (AACTE). Washington, D.C.

Mazur, J. (1994). Engineering in context: An interactive multimedia course evaluation. Paper with poster presented at the annual American Educational Research Association Conference (AERA), New Orleans, LA.

Gay, G., and Mazur, J. (1993, March). Computer tracking tools for research and design. Paper presented at fourth annual International Multimedia Conference on

Culture, Technology, and Interpretation. Sponsored by MIT at Trinity College, Dublin, Ireland.

Gay, G., and Mazur, J. (1992, April). Innovations in user-centered design. Symposium paper presented at the annual AERA Conference, San Francisco.

Gay, G., and Mazur, J. (1992, May). The construction of narrative meaning in an interactive multimedia fiction program. Poster presented at the annual ICA Conference, Miami.

Gay, G., Trumbull, D.J., and Mazur, J. (1991, April). Designing and testing navigational strategies and guidance tools for a hypermedia program. Paper presented at annual American Educational Research Association (AERA) conference, Chicago.

Trumbull, D.J., Gay, G., and Mazur, J. (1991, April). Charting the complex: Research on the use of a hypermedia system. Poster Session presentation at the annual AERA Conference, Chicago.

National Conferences (Invited)

Mazur, J. (1996). Commentator for the Society for the Philosophy of Creativity. Relating process philosophy to current trends in educational practice. Paper presented by G. Allen at the annual meeting of the American Philosophical Association (APA). Chicago, IL.

Mazur, J. (1994). Constructing/Using Cases with Technology Enhancements: Common Thread Cases on Compact Disc. Conference on Constructing Cases for Reflective Practice: Using Story, Video, and Hypermedia. Far West Laboratory for Educational Research and Development. Tucson, AZ.

Gay, G. and Mazur, J. (1993). Ethnographic Research and On-line Tracking System Support. Paper presented at the 3rd Annual Misconceptions Conference, Cornell University, Ithaca, NY.

Mazur, J., Mazur, F., and Tolomeo, M. (1990, March). Conceptualizing and designing a hypermedia program for language learning. Workshop conducted at the annual Computer Assisted Language Instruction Consortium Conference (CALICO), Baltimore.

State and Regional Conferences

Mazur, J., Cole, H., Hibbard, D., Treece, S., Drury, L. (2002). Extending Economics Beyond the Classroom in Rural Schools: Integrating Public Health and Safety Materials into Social Studies Classrooms in Four Kentucky Districts. Kentucky Council of Social Studies Conference, Louisville, KY.

Mazur, J. and Villarreal-Stewart, I (1998). An evaluation of a web-based electronic field trip. Kentucky Education Technology Conference (KETC). Louisville, KY, March, 1998.

Sandidge, R., Spalding, E., **Mazur, J.**, & Wilson, A. (1997). Promises, practices, and pitfalls: Lessons learned from an alternative certification program. Annual conference of the Kentucky Association of Teacher Educators (KATE), Lexington, KY, October, 1997.

Mazur, J. (1996). The Implementation of Kentucky's Technology Reform Initiative: A Statewide Study. Kentucky Educational Technology Conference (KETC). February, 1996 Louisville, KY.

Mazur, J. (1996). Using Cases and Network Technology to Support Professionalism for Teachers in the Midst of Reform. Kentucky Educational Technology Conference (KETC). February, 1996 Louisville, KY.

Mazur, J. (1994). Using Multimedia Documents to Assist Teachers as Action Researchers of Technology in Classroom. Kentucky Educational Technology Conference (KETC). Louisville, KY.

RESEARCH GRANTS**Awarded**

National Institute of Occupational Safety and Health: Preventing Farm Injuries to Rural Youth. Co-PI with Henry P. Cole. October 2004 – September 2006. Award: 946,000.

National Science Foundation. Decision-Theoretic Planning with Constraints. Co-PI with Computer Science Dept. September, 2003. Award: \$800,000.

National Science Foundation. Decision-Theoretic Planning with Constraints. Co-PI with Computer Science Dept. September, 2003. Award: \$800,000.

National Science Foundation. The Metaverse: An Immersive, Reconfigurable Multimedia Environment. Co-PI with Computer Science Dept. August, 2001. Award: \$5,000,000.

Southeast Center for Agricultural Health and Safety, University of Kentucky, Department of Preventive Medicine, Designing a Multimedia Template and Series for Narrative Farm Safety Simulations, , October, 2000, Award: 20,000

Pew Charitable Trusts. Evaluating effective technology support for teacher professional development in Kentucky's Teacher Academies, subcontract with the Partnership for Kentucky Schools, June, 2000. Award: \$20,000.

National Institute of Occupational Safety and Health. An evaluation of a multimedia CD-ROM focusing on the economics of farm safety. September, 1999. Award: \$32,000.

University of Kentucky/University of Louisville Joint Center for the Study of Policy. Bridges and Byways: The road to educational improvement in Kentucky schools. A distributed multimedia CD-ROM. July, 1999. Award: \$69,000.

Gateway Computer Corporation. Using the HI-TECH classroom approach for teacher education and on-line mentoring (Equipment grant). May, 1998. Award: \$16,000.

Kentucky Science and Technology Council. Documenting curriculum change in Appalachian Schools: Gathering Place CD-ROM development grant. July, 1998. Award: 5,000

Kentucky Council on Post-Secondary Education (Eisenhower Professional Development Grant). Bringing the best scientific communication tools and skills to the Kentucky classroom. March, 1998. Award: \$57,000.

University of Kentucky Equipment Grant. Implementing a wireless tele-technology suite for on-line education. June, 1997. Award: \$33,000.

University of Kentucky/University of Louisville Joint Center for the Study of Policy: Cases, Networking and Teacher Professional Development, October 1996 Award: \$6,800.

University of Kentucky, Institute on Education Reform: Cases, Networking and Teacher Professional Development, October 1996 Award: \$3,200.

Apple Computer. Partners in Education Grant. Computer hardware and software June, 1996 Award: \$35,000.

University of Kentucky Major Research Equipment Grant. Digital Compact Disc Equipment for Applied Research on Learning Through Technology. With G. Anglin, E. Blackhurst, H. Cole, D. Smith. August, 1994 Award: \$20,000.

Kentucky Department of Education. An Implementation Study of Kentucky's Technology Program. June, 1994, Award: \$15,000.

Kentucky Institute for Education Research. An In-Depth Study of Technology Implementation in Kentucky Schools. April, 1994, Award: \$14,000.

Gheens Foundation. Common Thread Cases: Teachers in the Midst of Reform. Co-Director with Traci Bliss. June, 1994 Award: \$75,000.

BellSouth Foundation. Common Thread Cases: Teachers in the Midst of Reform. Co-director with Traci Bliss, May, 1994, Award: \$75,000

Kentucky Educational Television. Common Thread Cases: Teachers in the Midst of Reform. Video Production and Technical Assistance for Common Thread Case Project, May, 1994 Award: \$100,000.

Institute on Education Reform and the Joint Center for the Study of Policy. Three grants for interface design and research on KERA technology implementation, October 1993-July 1994, Award: \$10,750.

Dean's Research Committee Grant, Multicultural Videodisk Project, Co-director with Dr. Debbie Thomas. Award: \$750.

SERVICE

National Service

President, Research and Theory Division, Association for Educational Communications Technology (AECT), 2001-2002.

Consultant, National Assessment of Educational Progress (NAEP). The Technology Rich Environment assessment project. 2000- present.

Member, Editorial Review Board, Journal of Computing in Higher Education, 1993 - present.

Member, Editorial Review Board, Educational Technology Research and Development, 1994 - present.

Member, Editorial Board, ISTE Online, [Electronic Journal] 1998 -

Board Member, Research and Theory Division, Association for Education and Computing Technology, 1996- present.

Coordinator, McCloskey Award for Outstanding Dissertation, Research and Theory Division of AECT, 1998 – present.

Co-Editor, Research and Theory Division Newsletter, Research and Theory Division of AECT, 1995- 1998.

Invited Presenter, Economic Research Service of the USDA, Telecommunications Workshop, September, 1998.

Grant reviewer, National Institute of Health, Small Business Innovation and Research program (SBIR) -Child Development and Disability section 1998 - 1999.

Reviewer, Association for Education and Computing Technology (AECT), Research and Theory Division, 1996 - present.

Reviewer, Association for Education and Computing Technology (AECT), Division of Instructional Design (DID) 1996 - present.

State Service

Researcher, Partnership for Kentucky Schools (PFKS), Professional Development Research Team, Partnership for Kentucky Schools. 2000-present.

Member, Governor's Appalachian Regional Commission, Technology and Telecommunications Sub-committee. 1994 - present.

Member, Planning committee, Kentucky Education Technology Conference, 1994, 1996.

Member, Planning Group for Local Service Areas (LSA), Kentucky Department of Education. October/November 1993.

University Service

Member, Academic Computing Committee, University of Kentucky 2002-present

Member, Intellectual Property Committee, University of Kentucky, 2000-present.

Member, Ad-hoc Committee on Security and Allocation of Networked Resources, August-December 2002.

Member, Academic Facilities Sub-committee, University Senate, 2001-present

Member, University Senate, 2001 - present

Member, SACS Subcommittee on Research Infrastructure, University of Kentucky, June-August, 2000.

Member, Ad-hoc Committee Intellectual Property and Distance Education Committee, University of Kentucky, 1998- present.

Member, Special Committee on Informatics and Graduate Studies, University of Kentucky, 1998- present.

Reader, Merit Scholarship Program, Merit Scholarship Office, University of Kentucky 1996.

College Service

Chair, Faculty Council, College of Education 2001- present.

Member, Faculty Council, College of Education, 2000-2001.

Member, Technology Committee, College of Education 1996- present.

Member, Advisory Committee for Distance Education, College of Education 1996-2001.

Reviewer, Mini-grant proposals for the Institute on Education Reform, College of Education, 1996 - present.

Member, Faculty Search Committee, Department of Curriculum and Instruction, University of Kentucky, 1998.

Member, Cluster-Site Lab Technology Committee, College of Education, 1995 -1996.

Member, Instructional Systems Design and Technology Program Faculty, Department of Curriculum and Instruction, University of Kentucky, 1993 - present.

Chair , Library Committee, College of Education, 1995- 2000.

Member, Master's with Initial Certification (MIC) Program Planning Committee 1994.

Member, Faculty Search Committee, Department of Special Education, University of Kentucky, 1993.

Doctoral Committees (Chair)

Gibson, M., Department of Curriculum and Instruction, College of Education, University of Kentucky, 1998.

Jones, J. ., Department of Curriculum and Instruction, College of Education, University of Kentucky, 2002

Jones, P. , ., Department of Curriculum and Instruction, College of Education, University of Kentucky, 2002

Miller, C., Department of Curriculum and Instruction, College of Education, University of Kentucky, 2000

VanGessel, W. Department of Curriculum and Instruction, College of Education, University of Kentucky, 1999.

Wagner, K, Department of Curriculum and Instruction, College of Education, University of Kentucky, 1996.

Doctoral Committees (Member)

Blaine, P. A. Department of Education Policy and Evaluation, College of Education, University of Kentucky, 1996.

Christel, Christine, Department of Special Education, College of Education, University of Kentucky, 1999.

Clinton, E. Department of Curriculum and Instruction, College of Education, University of Kentucky, 1995.

Drake, Karen. Department of Curriculum and Instruction, College of Education, University of Kentucky, 2000.

Darbro, D. Department of Education Policy and Evaluation, College of Education, University of Kentucky, 1999.

Eggers, D., Department of Curriculum and Instruction, College of Education, University of Kentucky, 1998.

Hill, C., Department of Curriculum and Instruction, College of Education, University of Kentucky, 1996.

Hoover, Donna, Department of Curriculum and Instruction, College of Education, University of Kentucky, 2000.

Land, Michael, Department of Education Policy and Evaluation, College of Education, University of Kentucky, 1999.

Lin, Bor Chi. Department of Educational and Counseling Psychology, College of Education, University of Kentucky, 1994.

Miller, L. Department of Educational Policy Studies and Evaluation, College of Education, University of Kentucky, 1997.

Mungillo, V. Department of Educational and Counseling Psychology, College of Education, University of Kentucky, 1994.

Smith, T. Department of Design and Technology, Pepperdine University, Malibu, California, 1997.

Velotta, C., College of Nursing Doctoral Program, University of Kentucky, 1997.

Walters-Parker, K. Department of Educational and Counseling Psychology, College of Education, University of Kentucky, 1994.

Doctoral Degrees Conferred (Chair)

McCrary, N. . Department of Curriculum and Instruction, College of Education, University of Kentucky, 1998 - (Degree conferred 6/02).

Peach, A. Department of Curriculum and Instruction, College of Education, University of Kentucky, 1994 - (Degree conferred 5/97).

Service to Public Schools and Public Network Technology Projects

Consultant/Evaluator Kayle's Difficult Decision Farm Safety Project. Funded by the National Institute of Occupational Health & Safety (NIOSH). School based field trials and evaluation of CD-ROM narrative simulation exercises in rural Kentucky schools,

6/98-1/2000.

UK Grant Coordinator for Apple PIE grant cooperative project with School for the Creative and Performing Arts at Bluegrass, 1996 - 1998.

Consultant, Central Kentucky Educational Cooperative. Excel Software In-Service Training for Technology Coordinators, November, 1994.

Consultant, Kentucky Rural Telecommunications Corporation, Elizabethtown, KY. October, 1994.

Consultant, Kentucky Department of Education/Vocational Training, Excel Software In-Service Training for Teachers, July, 1994.

Consultant, Salt River Rural Electric, Bardstown, KY. June, 1994 - June 1996.

Consultant, Appalshop, Whitesburg, Kentucky. December, 1993 - present.

Consultant, Technology planning and integration. Worthington School District, Worthington, Ohio. February, 1993.

PROFESSIONAL AFFILIATIONS

American Educational Research Association
Association for Educational Communications and Technology
Association for Process Philosophy
International communication Association
National Society for the Study of Education

AWARDS

Division of Instructional Development (AECT) Outstanding Practice Award for Instructional Development. Awarded 1996.

Edward A. Sheldon Scholarship at Cornell University for contributions to educational environments by women involved in graduate level studies in education. Awarded in 1989 and 1990.

PREVIOUS EXPERIENCE

Post-doctoral Appointment, Interactive Multimedia Group, Department of Communication, Cornell University. January 1993 - July 1993.

Research Assistant, Interactive Multimedia Group (IMG), Department of Communication, Cornell University. January 1988 - December 1992.

OTHER TEACHING EXPERIENCE AND EMPLOYMENT

Substitute Teacher, Romulus Central School, South Seneca Central School. 1987-1988.

Summer Enrichment Instructor, South Seneca Elementary School. Summers 1991, 1992.

Chief Examiner, High School Equivalency Program, Alpha House Residential Substance Abuse Program. 1988 to 1993.

Director, Alpha House Residential and Outpatient Substance Abuse Program. Ithaca and Syracuse, New York. 1980-1988.

Director, Four County (CEMP) Halfway House and Detox Center, Coudersport, Pennsylvania. 1974-1980.

Teacher, Eighth Grade Self-contained Classroom, Limestone Union Free School District, Limestone, New York. 1973-1974.

Teacher, English and GED Classes, Adult Basic Education Program, City of Rochester, Rochester, New York. 1971-1972.