

Curriculum Vita

Lynne R. Schrum, Ph.D.

College of Education and Human Development
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ACADEMIC HISTORY

- Ph.D.** University of Oregon, Eugene, Oregon, Curriculum and Instruction (June, 1991)
Dissertation: Innovation and the Process of Change: A Case Study in Distance Education
- M.A.** Learning Disabilities and Elementary Education (June 1976)
University of Evansville, Evansville, Indiana
- B. S.** Elementary Education (June, 1968)
Southern Illinois University, Carbondale, Illinois

Academic positions

- July, 2006 - present Professor and Coordinator, Elementary Education, Secondary Education, College of Education and Human Development, George Mason University
- July, 2003 – June, 2006 Professor and Chair, Department of Teaching and Learning, College of Education, University of Utah
- Fall, 2002 Visiting Distinguished Professor of Educational Technology, University of Alaska, on leave in Juneau, Alaska; conducting research and supporting redesign of NCATE technology courses and research
- 1997 - 2003 Associate Professor, College of Education, University of Georgia, Department of Instructional Technology
- 1994 - 1997 Assistant Professor, Department of Instructional Technology, The University of Georgia
- 1992 - 1994 Assistant Professor, Center for Educational Studies and Services, The State University of New York, Plattsburgh, NY
- 1991 - 1992 Adjunct Assistant Professor, University of Oregon
- 1988 - 1991 Graduate Teaching Assistant, College of Education, University of Oregon

Other professional employment

- 1978 - 1988 Resource Specialist Educator for students with Learning Disabilities, Ocean View School District, Oxnard, California
- 1974 -1977 Preschool - Kindergarten Teacher (Language Delayed Classes), Parent School Coordinator, Rehabilitation Center, Evansville, Indiana;
- 1968 - 1969 Fifth Grade Teacher, Pinckneyville District School, Pinckneyville, IL

PUBLICATIONS

- Solomon, G., & Schrum, L. (in press). *New Tools, New Schools: Getting started with Web 2.0*. Eugene, OR: International Society for Technology in Education.
- Bell, L., Schrum, L., Thompson, A. (in press). *NTLS Monograph: TCPK in the content areas*. Charlottesville, VA: AACE.
- Schrum, L., Burbank, M. D., & Capps, R. (under review). Preparing future teachers for diverse schools in an online learning community: Perceptions and practice. *Internet and Higher Education*.
- Bull, G., Schrum, L., Thompson, A., Johnson, L., Maddux, C., Bell, L., Sprague, D., & McAnear, A. (in press). Advancing the profession: Facilitating critical research. *Learning and Leading with Technology*.
- Schrum, L. & Glassett, K. (2006). Technology integration in K-12 schools: Challenges to implementation and impact of scientifically based research. *Journal of Thought*, 41(1), 41-58.
- Schrum, L. & Glassett, K. (2006). An investigative study: Perspectives on scientifically based research in educational technology, In Kinshuk, D. G. Sampson, J. M. Spector, & P. Isaias (Eds), *Cognition and Exploratory Learning in Digital Age* (pp. 178-186). Lisbon: IADIS Press.
- Bull, G., Bell, L., Thompson, A., Schrum, L., Sprague, D., Maddux, C., Dawson, K. & Knezek, G. (2006). An invitation to join an early career mentoring network in technology and teacher education. *Journal of Technology and Teacher Education*. 14(4), 817-828.
- Schrum, L., Burbank, M., Engle, J., & Glassett, K. f. (2005). Professional development for tertiary educators: An online model for pedagogical and instructional improvement. In D. Kinshuk, G. Sampson, & P. Isaias (Eds), *Cognition and Exploratory Learning in Digital Age* (pp. 52-59). Porto, Portugal: International Association for Development of the Information Society.
- Schrum, L., Thompson, A., Sprague, D., Maddux, C., McAnear, A., Bell, L., & Bull, G. (2005). Advancing the field: Considering acceptable evidence in educational technology research. *Contemporary Issues in Technology and Teacher Education* [Online serial], 5(3/4). Available: <http://www.citejournal.org/vol5/iss3/editorial/article1.cfm>
- Schrum, L., Burbank, M., Chambers, J., Engle, J. & Glassett, K. (2005). Post-secondary educators' professional development: Investigation of an online approach to enhancing teaching and learning. *Internet and Higher Education*, 8(4), 279-289.
- Schrum, L. & Ohler, J. (2005). Distance education at one Alaskan university: Investigation of a complex phenomenon. *Journal of Distance Education*, 20(1), 60-83.

- Schrum, L. (2005). Governmental efforts in K-12 e-learning. *Computers in the Schools, special issue*, 21(3/4), 81-90.
- Bull, G., Knezek, G., Roblyer, M.D., Schrum, L., Thompson, A. (2005). A proactive approach to a research agenda for educational technology. *Journal of Research on Technology in Education*, 37(3), 217-220.
- Schrum, L. (2005). E-Learning and K-12: An examination of governmental efforts. In C. Howard, J. V. Boettecher, L. Justice, K. D. Schenk, G. A. Berg, & P. L. Rogers (Eds), *Encyclopedia of Online Learning and Technology* (pp 737-742). Hershey, PA: Idea Group, Inc.
- Schrum, L. (2004). The impact of instructional design in online learning: Student success and achievement. In J. Stephenson & A. Sangra, (Eds), *Fundamentos del diseno instruccional con e-learning* (translated into Catalonia) (pp. 11-40). Barcelona: UOC.
- Matthews, D., & Schrum, L. (2003). High speed Internet use and academic gratifications in the college residence. *The Internet and Higher Education*, 6(2), 125-144.
- Schrum, L., & Bracey, B. (2003). Empowering all learners: Creating technology rich, student centered curriculum. In G. Solomon, N. J. Allen, & P. Resta (Eds.), *Toward Digital Equity: Bridging the Divide in Education* (pp. 129-143). Boston, MA: Pearson Education Group, Allyn and Bacon.
- Schrum, L., & Geisler, S. (2003). Gender issues and considerations: Explicating a systemic dilemma and identifying steps toward remediation. In G. Solomon, N. J. Allen, & P. Resta (Eds.), *Toward Digital Equity: Bridging the Divide in Education* (pp. 115-128). Boston, MA: Pearson Education Group, Allyn and Bacon.
- Schrum, L., Skeele, R., & Grant, M. (2002-2003). Revisioning learning in a college of education: The systemic integration of computer based technologies. *Journal of Research on Technology in Education*, 35(2), 256-271.
- Schrum, L. (2002). Dimensions of student success in online learning. In D. Watson & J. Andersen (Eds.), *Networking the learner: Computers in education* (pp. 19-28). London: Kluwer Academic Publishers.
- Schrum, L. (2002). Oh, what wonders you will see: Distance education past, present and future. *Learning and Leading with Technology*, 30(3), 6-9, 20-21.
- Hill, J. R., & Schrum, L. (2002). Theories on teaching: Why are they so hard to find? *TechTrends*, 46(5), 22-26.
- Schrum, L., & Hong, S. (2002). From the field: Characteristics of successful tertiary online students and strategies of experienced online educators. *Education and Information Technologies*, 7(1), 5-16.

- Schrum, L., & Hong, S. (2003). Dimensions and strategies for online success: Voices from experienced educators. *Journal of Asynchronous Learning Networks (JALN)*, 6(1), Online:
http://aln.org/alnweb/journal/Vol6_issue1/6_1schrum.htm
- Schrum, L. (2002). Education and commercialization: Raising issues and making wise decisions. *Contemporary Issues in Technology and Teacher Education* 2(2). Available online:
<http://www.citejournal.org>
- Schrum, L., & Benson, L. (2002). The evolution of workplace tools for group communications and collaboration. In A. D. Benson & S. D. Johnson (Eds.), *Information Technologies in Human Resource Development* (Vol. 4, pp. 479-492). Thousand Oaks, CA: SAGE Publishers.
- Solomon, G. & Schrum, L. (2002). *Connect online: Web learning adventures*. Columbus, OH: Glencoe McGraw-Hill Publishers.
- Schrum, L., & Benson, A. (2002). Establishing successful electronic educational environments: Distinguishing factors that contribute to online courses and programs. In R. Discenza, C. Howard & K. Schenk (Eds.), *The design and management of effective distance learning programs* (pp. 190-204). Hershey, PA: Idea Group Publishing.
- Schrum, L. (2001). Online learning in the academy: The conundrum that may divide us. In J. Ohler (Ed.), *Future courses: A compendium of thought about education* (pp. 264-269). Bloomington, IN: TECHNOS Press.
- Schrum, L. (2001). Creating electronic educational environments: A challenge for educators and learners. In S. M. Al-Timami (Ed.), *The University of the 21st Century: An international conference* (pp. 354-368). Muscat, Oman: Sultanate of Oman, Ministry of Higher Education.
- Gustafson, K., & Schrum, L. (2001). Cost analysis and return on investment (ROI) for distance education. In B. Khan (Ed.), *Web-based Training* (pp. 537-546). Englewood Cliffs, NJ: Educational Technology Publications.
- Schrum, L., & Benson, A. (2000). A case study of one online MBA program: Lessons from the first iteration of an innovative educational experience. *The Business, Education and Technology Journal*, 2(2), 38-46.
- Schrum, L. (2000). Online learning in the academy: The conundrum that may divide us. *Technos*, (9)3, 34-36.
- Schrum, L. (2000). Guarding the promise of online learning: Threats to keeping the pie in the sky in the oven longer. *The Education Digest*, 66(4), 43-47.

- Schrum, L., & Benson, A. (2000). Online professional education: A case study of an MBA program through its transition to an online model. *Journal of Asynchronous Learning Environments* [On-line serial], (4)1. Available: http://www.aln.org/alnweb/journal/Vol4_issue1/schrum.htm
- Schrum, L. (2000). Online teaching and learning: Essential conditions for success. In L. Lau (Ed.), *Distance Learning Technologies: Issues, Trends, and Opportunities*, (pp. 91-106). Hershey, PA: Idea Group Publishing.
- Schrum, L., & Benson, A. (2000). Lessons to consider: Online learning from student and faculty perspectives. In B. L. Mann (Ed.), *Perspectives in Web Course Management* (pp. 225-238). Toronto: Canadian Scholars' Press, Inc.
- Schrum, L. (2000). Commercialization in education: What are the issues and implications for teachers and students? In T. J. Switzer (Ed.), *Log on or Lose out: Technology in 21st Century Teacher Education* (pp. 101-105). Washington, D.C.: American Association of Colleges for Teacher Education.
- Schrum, L. (1999). Technology developments for educators: Where are we going and how do we get there? *Educational Technology Research and Development*, 47(4), 83-90.
- Schrum, L. (1999). Technology in the classroom: Asking the right questions. *Eisenhower National Clearinghouse Focus*, 6(3), 16-18
- Schrum, L. (1999). Trends in distance learning: Lessons to inform practice. In R. Branch & M. A. Fitzgerald (Eds.), *Educational Technology and Media Yearbook* (Vol. 24, pp. 11-16).. Englewood, CO: Libraries Unlimited.
- Schrum, L. (1999). *Professional development in technology for educators (Portuguese)*. Report for Brazilian Ministry of Education. Brasilia: Ministry of Education.
- Schrum, L., & Berge, Z. L. (1998). Creating student interaction within the educational experience: A challenge for online teachers. *Canadian Journal of Educational Communication*, 26(3), 133-144.
- Schrum, L., & Dehoney, J. (1998). Meeting the future: A teacher education program joins the information age. *Journal of Technology and Teacher Education*, 6(1), 23-38.
- Schrum, L. (1998). Online professional development for educators: Strategies for success. AT&T Learning Network Virtual Academy. [Available online] <http://www.att.com/learningnetwork/virtualacademy/success.html>
- Schrum, L. (1998). Online education in the information age: A study of emerging pedagogy. In B. Cahoon (Ed.), *Adult learning and the Internet*, (pp. 53-61). San Francisco: Jossey-Bass, Inc. Publishers.

- Berge, Z. L., & Schrum, L. (1998). Linking strategic planning with program implementation for distance education. *Cause/Effect*, 21(3), 31-38.
- Schrum, L. (1997). Ethical research in the information age: Beginning the dialogue. *Computers in Human Behavior*, special edition. 13(2), 117-125.
- Schrum, L. (1997). Rural telecommunication for educational professional development and instructional improvement: Two federally funded models. *Journal for Technology and Teacher Education*. 4(3/4), 247-262.
- Schrum, L., & Lamb, T. (1997). Computer networks as instructional and collaborative distance learning environments. *Educational Technology*, 37(4), 26-28.
- Schrum, L., & Berenfeld, B. (1997). Teaching and learning in the information age: A guide to educational telecommunications. Needham, MA: Allyn & Bacon, Inc.
- Schrum, L., & Luetkehans, L. (1997). *A primer on distance education: Considerations for decision makers*. Washington, DC: Association for Educational Communication and Technology. (Also translated into Portuguese for the Brazilian Government).
- Schrum, L. & Harris, J. (1997). Ethical electronic research: Creating a dialogue. *Proceedings of International Qualitative Research in Education Conference*, Athens, GA., January, 1996.
- Schrum, L., & Day, K. (1998). The Internet and acceptable use policies: What schools need to know. In Z. L. Burge & M. P. Collins (Eds.), *The Online Classroom in K-12: Perspectives and Case Studies*, (Vol. 1, pp. 81-91). Cresskill, NJ: Hampton Press, Inc.
- Schrum, L. & Fitzgerald, M. A. (1996). A challenge for the information age: Educators and the Internet. *International Journal of Educational Telecommunications*, 2(2/3), 107-120
- Schrum, L., & Fitzgerald, M. A. (1998). Telecommunication for K-12 educators: Professional development, instructional improvement and educational change. In Z. L. Burge & M. P. Collins (Eds.), *The Online Classroom in K-12: Teacher Education and Instructional Design*, (Vol. 3, pp. 23-34). Cresskill, NJ: Hampton Press, Inc.
- Schrum, L., & Solomon, G. (1996). *Connect online! A telecommunications simulation*. Cincinnati, OH: Thomson Learning Tools.
- Schrum, L. (1996). Teaching at a distance: Strategies for successful planning and development. *Learning and Leading with Technology*, 23(6), 30-33.
- Schrum, L. (1995). Framing the debate: Ethical research in the information age. *Qualitative Inquiry*, 1(3), 311-326.

- Schrum, L. (1995). Educators and the Internet: A case study of professional development. *Computers and Education*, 24(3), 221-228.
- Schrum, L. (1995). On-line education: A study of pedagogical, organizational and institutional issues. In R. A. Cornell & K. Murphy (Eds.), *An international survey of distance education and teacher training: From smoke signals to satellite- II*, (pp. 157-163). Orlando, FL: University of Central Florida & Paris, France: International Council for Educational Media.
- Schrum, L. (1994). First steps into the information age: Technology infusion in a small teacher education program. *Journal of Computing and Teacher Education*, 10(4), 12-14.
- Schrum, L. (Ed.). (1994). *Directory of educational telecommunications services*. Eugene, OR: International Society for Technology in Education.
- Schrum, L. (1994). What can you get professionally online? *Telecommunications in Education News*, 5(2), 8-12.
- Schrum, L. (1993). Tales from the trenches: Educators' perspective on technology implementation. *Journal of Teacher Education and Technology*, 1(4), 409-421.
- Schrum, L. (1993). Social interaction through online writing. In R. Mason (Eds.), *Computer conferencing: The last word* (pp. 171-196). Victoria, BC: Beach Holme Publishers.
- Schrum, L. (1993). Technology development for educators: Three models of implementation. In D. Carey, R. Carey, D. A. Willis, & J. Willis (Eds.), *Technology and Teacher Education Annual - 1993* (pp. 550-553). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Schrum, L. (1993). Innovations in the information age: On-line graduate education. In P. Kramer (Ed.), *Technology for New Learning Environments*, Oneonta, NY: SUNY Fact.
- Schrum, L. (1992). Professional development in the information age: An online experience. *Educational Technology*, 32(12), 49-53.
- Schrum, L. (1992). Information age innovations: Online teacher enhancement. In D. Carey, R. Carey, D. A. Willis, & J. Willis (Eds.), *Technology and Teacher Education Annual* (pp. 516-520). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Schrum, L. (1991). Teacher education goes online. *Educational Leadership*, 49(3), 39,41-42.
- Schrum, L. (1991). *Distance Education: A Primer for Administrators*. Oregon School Study Council(34)1, Eugene, Oregon: ERIC Clearinghouse for Educational Administration.
- Schrum, L. (1991). *Innovation and the process of change: A case study in distance education*. Dissertation, University of Oregon, (University Microfilms International No. 91-37-376).

- Schrum, L. (1991). Information technologies in our schools: Telecommunications enhancements for preservice and inservice teacher education. *The Writing Notebook*, 8(3), 17-19.
- Schrum, L. (1990). Teachers as researchers: An ongoing discussion focused on educational telecommunications. *Telecommunications in Education NEWS*, 1(4), 11-13.
- Schrum, L. (1990). Oregon's Ed-Net: Distance delivery for education. *The Oregon Science Teacher*, 1990 (October), 36-38.
- Schrum, L. (1990) Teen populations and health issues: On-line participation. *Telecommunications in Education NEWS*, 1(2), 6-8.
- Schrum, L. (1989). Hooked into science. *The Computing Teacher*, 17(1), 14-17.
- Schrum, L. (1988). Telecommunications: A window to the world. *Instructor*, XCVIII(3), 30-32.
- Schrum, L. (1988). Introducing teachers to telecommunications: California's ESTTI. *Technological Horizons in Education*, 15(8), 85-89.

PRESENTATIONS

- Schrum, L., Burbank, M., & Engle, J. (2006). Uncovering the layers of rural technology implementation: Complexities and opportunities. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Schrum, L. & Glassett, K. (2006). Research on educational technology: Challenges to implementation and impact of scientifically based research. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Schrum, L., Burbank, M., & Chambers, J. (2005). *Enhancing community college faculty through an online experience: Investigation of a "learning" project*. Paper presentation at the National Meeting of the American Educational Research Association National Meeting, Montreal, CANADA.
- Burbank, M., Schrum, L., & McCandless, R. (2005). *A collaborative approach to inclusive teacher preparation: From paraprofessionals to practicing educators*. Paper presentation at the National Meeting of American Association of Colleges of Teacher Education, Washington, DC.
- Schrum, L. (2005). *A proactive research agenda for educational technology*. Invited Keynote Panel at the Society for Information Technology in Teacher Education, Phoenix, AZ.
- Schrum, L. & Ohler, J. (2004). A fresh look at distance education: An Alaskan study. Paper presentation, American Educational Research Association National Meeting, San Diego, CA.

- Schrum, L. (2004). Preparing New Educators: Research, Standards, and Implementation. Invited presentation, Gyeongin National University of Education, South Korea.
- Schrum, L. (2004). Student achievement and success in online environments: Research into characteristics and strategies. Invited presentation, Society for Technology and Teacher Education, Atlanta, GA.
- Schrum, L. & Mathews, D. (2003). *The Internet Savvy College Student: Implications for Post-Secondary Educational Environments*. Paper presentation, American Educational Research Association National Meeting, Chicago, IL.
- Schrum, L. & Skeele, R. (2002). *Reflections on one PT3 grant: Realization of goals and insights for the future*. Paper presentation, American Educational Research Association National Meeting, New Orleans, LA
- Skeele, R., & Schrum, L. (2002). *Teacher Education, Community partnerships, and technology: Catalyst for reflection and change*. Paper presentation, American Educational Research Association National Meeting, New Orleans, LA
- Schrum, L. (2002). (Keynote) *Constructivist approaches to teaching and learning with technology*. Scandinavian Pedagogical Society, Trondheim, Norway.
- Schrum, L. (2002). (Keynote) *Infusing technology into K-12 environments: Moving beyond drill and practice*. Central and Eastern European School Association, Bucharest, Romania.
- Mathews, D. & Schrum, L. (2002). *Close encounters: University students and convergence*. Paper presented to the Visual Communications Division of the Association of Education in Journalism and Mass Communications' Mid-Winter Conference, Athens, GA.
- Schrum, L. & Schrum, K. (2001). *Transforming the curriculum: Technological possibilities*. Presentation, National Council for the Social Studies, Washington, DC.
- Schrum, L. (2001). (Keynote) *Realizing the Promise: Using technology to create authentic and relevant activities*. National Conference on Technology in Education, Brazilian Ministry of Education, Fortaleza, Brazil.
- Schrum, L. (2001). *Online learning and success: Can we establish the connections?* Paper presentation, Japan Conference on Distance Learning, Nagano, Japan.
- Schrum, L. (2001, July). *Electronic educational environments: The challenge of success for all learners*. Paper presentation, World Conference on Computers in Education, Copenhagen, Denmark.

- Schrum, L. (2001, April). *The potential for electronic educational environments: Ensuring student success*. Paper presentation, American Educational Research Association National Meeting, Seattle, WA.
- Schrum, L., Skeele, R., & Grant, M. (2001, April). *Re-visioning learning in a college of education: The systemic integration of computer-based technologies*. Paper presentation, American Educational Research Association National Meeting, Seattle, WA.
- Schrum, L. (2001, April). *Dimensions of student success in online learning environments*. Paper presentation, bi-annual meeting, International Council on Distance Education, Dusseldorf, Germany.
- Schrum, L. (2001, March). *Creating electronic educational environments: A challenge for educators and learners*. Invited address and presentation, The University of the 21st Century Conference, Muscat, Oman.
- Schrum, L. (2001, March). *Infusing technology into the K-12 curriculum: Strategies for a new pedagogy*. Invited presentation, Near East South Asia International Schools Teachers' Meeting, Istanbul.
- Schrum, L. (2001). *Teaching social studies in the 21st Century: Technology, social justice, and teacher education*. Invited keynote, National Council of Social Studies, Athens, GA.
- Schrum, L. (2000). *Learning technologies in the 21st century: New parameters, partners, and philosophies*. Invited Keynote and paper, Australian Conference on Computers in Education. Melbourne, Australia.
- Schrum, L. & Benson, A. D. (2000). *A case study of one online MBA program: Lessons from the first iteration of an innovative educational experience*. Paper presentation, American Educational Research Association National Meeting, New Orleans.
- Schrum, L. (2000) *Electronic educational environments: Collaboration and knowledge construction*. Invited paper presentation, Conference: Online Learning Environments, Trondheim Technical University, Trondheim, Norway.
- Schrum, L. (2000). *Teacher preparation and the STAR chart: Faculty perspectives*. Invited presentation, American Association of Colleges of Teacher Education Annual Meeting, Chicago.
- Schrum, L. (2000). *Educators communicating for success*. Consortium for School Networking Annual National Meeting, Washington, DC.
- Schrum, L. (2000). *Enhanced communications: Uniting the stakeholders in every school*. National Association of Secondary School Principals Annual National Meeting, San Antonio.

- Schrum, L. (2000). *Building communications throughout your school: Educators, Parents, and more!* National Association of Elementary School Principals Annual Meeting, New Orleans, LA.
- Schrum, L. (2000). *Technology in Professional Education The possibilities that await us!* Invited presentation, Emory University Technology Series, Emory University, Atlanta, GA.
- Schrum, L. (2000). *Online learning: Creating a learning and teaching environment.* University of Sydney, Australia, Hosted Regional Meeting.
- Schrum, L. (2000). *Dimensions of student success: Online learning evolves.* Open University Seminar Series, Milton Keynes, UK.
- Schrum, L. (2000). *Enhanced communications: Parents and schools strengthen the bonds.* Mississippi Educators Computing Association Annual Meeting, Jackson, MS.
- Schrum, L. (2000). *Communicating for success: Strengthening students, parents, and educators.* Kentucky Educational Technology Conference, Louisville, KY.
- Schrum, L. (1999). *Standards for technology implementation.* Invited presentation, Near East and South Asia Association, Administrators' Annual Meeting, Kathmandu, Nepal.
- Schrum, L. (1999). *Revisiting an innovation: Statewide distance learning in Oregon.* Paper presentation, American Educational Research Association National Meeting, Montreal, Canada.
- Schrum, L. & Benson, A. (1999). *Online professional education: A case study of an MBA program through its transition to an online model.* Paper presentation, American Educational Research Association National Meeting, Montreal, Canada.
- Schrum, L. (February, 1999). *Preparing 21st Century teachers: Perspectives on integrating technology into teacher education.* Paper presentation, Annual Meeting of the American Association for Colleges of Teacher Education, Washington, DC. (invited)
- Schrum, L. (March, 1999). *Standards for practicing educators: Creating the rubric for self-assessment.* Paper presentation, Educational Technology Organization of Near East, South Asia International School Organization, Athens, Greece.
- Schrum, L. (November, 1999). *Distance Education and Teacher Professional Development: Is there a match?* Brazilian Ministry of Education, Invited Address, Brasilia, Brazil.
- Schrum, L. (October, 1998). *Doing it right: Preparing your Teachers for Using Technology in the 21st Century.* Near East South Asia International Association Invited Address, Cairo, Egypt.

- Schrum, L. (April, 1998). *Just say YES! Implementing Technology in the Curriculum to Transform Student Learning*. European Council for International Schools Invited Keynote Address, Istanbul, Turkey.
- Schrum, L. (May, 1998). Building Collaborative Learning Environments: Groupware to Bridge the Promise and Reality, COOP 98 (Cooperative Learning Environments), Cannes, France.
- Schrum, L., Fitzgerald, M. A., & Luetkehans, L. (April, 1998). *Groupware for collaborative learning environments: Conclusions from three research studies*, Paper presentation, American Educational Research Association National Meeting, San Diego, CA.
- Schrum, L. & Luke, N. (April, 1998). *A Distance Learning Model for Rural Teachers: Educational Technology and Professional Development*, Paper presentation, San American Educational Research Association National Meeting, Diego, CA.
- Schrum, L. (March, 1998). *Electronic Communities of Practice: Online Activities for Educators and Students*, Invited Address, Florida Educational Technology Conference, Orlando, FL.
- Schrum, L. (June, 1997). *Creating Collaborative Learning Environments: The Challenge for Distant Learners*, Educational Media-Educational Telecommunications Invited Speaker, Calgary, Alberta, CA.
- Schrum, L. (February, 1997). *Groupware for collaborative learning: Research on processes, opportunities, and obstacles*. Association for Education and Communication Technology, Invited keynote, Division on Development. Albuquerque, NM.
- Schrum, L. (February, 1997). *A study of compressed video: Two models*. Association for Education and Communication Technology Annual Meeting Albuquerque, NM.
- Schrum, L., & Fitzgerald, M. A. (April, 1997). *Groupware for online distance education: A case study of one graduate business course*. American Educational Research Association Annual Meeting, Chicago, IL.
- Schrum, L. (April, 1996). *Staff Development by Compressed Video: Will it Meet Participants' Needs?* American Educational Research Association Annual Meeting, New York City.
- Schrum, L. & Fitzgerald, M. A. (April, 1996). Educators and Information Technologies: What will it take for adoption and implementation?, American Educational Research Association Annual Meeting, New York City.
- Schrum, L. (April, 1996). *Who's listening? Rights and responsibilities for ethical electronic research*. American Educational Research Association Annual Meeting, New York City.

Schrum, L. (March, 1996). Professional Development for Rural Educators: Two Federal Grant Models. Society for Information Technology in Teacher Education Phoenix, AZ.

Schrum, L. (February, 1996). *Online Education: A Study of Emerging Pedagogy*, Association of Educational Communication Technology Annual Meeting, Indianapolis, IN.

Schrum, L. & Harris, J. B. (January, 1996)., Ethical electronic Research: Creating a dialogue. Qualitative Research in Education Conference, Athens, GA.

Schrum, L. (July, 1995). *On-line Education: What have we learned?*, World Conference on Computers in Education Birmingham, UK.

Schrum, L. (June, 1995). *On-line Education: Strategies for Successful Development and Implementation*, National Educational Computing Conference, Baltimore, MD.

Schrum, L. (April, 1995). *Telecommunications for Personal and Professional Uses: A Case Study*, San American Educational Research Association Annual Meeting, Francisco, CA.

Schrum, L. (March, 1995). *Online Professional Development for Educators*, Secretary of Education Conference on Educational Technology Invited Speaker and Chair.

Schrum, L. (June, 1994). *Infusing technology into rural preservice experiences*. National Educational Computing Conference, Boston, MA.

Schrum, L. (September, 1994). *Preservice educational telecommunications: Its time has come*. Invited Strand Chair, NYSENET Conference on Educational Telecommunications Albany, NY.

Schrum, L. (November, 1994). *Online education: Creating a new pedagogy*, Telecommunications in Education International Conference, Albuquerque, NM.

Schrum, L. (May, 1994). *Telecommunications and Teacher Education* US Secretary of Education Conference on Educational Telecommunications, Invited Speaker, Washington, DC.

Schrum, L. (February, 1994). *Educational Technology for New educators: A Formative Report on SUNY Plattsburgh's Experience*, Eastern Educational Research Association, Annual Meeting, Sarasota, FL.

Schrum, L. (November, 1993). *Designing Online Courses: An Imperative*, Second International Symposium on Telecommunications in Education Occasional Meeting, Dallas, TX.

Schrum, L. (March, 1993). *Technology Development for Educators: Three models of Implementation*, Society for Technology and Teacher Education International Annual Meeting, San Diego, CA.

Schrum, L. (April, 1993). *Tales from the Trenches: Educators' Perspective on Technology Implementation*, North East Educational Research Organization Regional Annual Meeting, Portsmouth, NH.

- Schrum, L. (June, 1993). *Innovations in the Information Age: Online Graduate Education*. SUNY Faculty Access to Computing Technology Statewide Annual Meeting, Oneonta, NY.
- Schrum, L. (April, 1992). *Innovation and the Process of Change: A Case Study in Distance Education*, American Educational Research Association National Annual Meeting, San Francisco.
- Schrum, L. (April, 1992). *Peace Education and Educational Technology*. Invited Discussant, American Educational Research Association National Annual Meeting, San Francisco.
- Schrum, L. (April, 1992). *Information Age Innovation: A Case Study of On-line Professional Development*, American Educational Research Association National Annual Meeting, San Francisco, CA.
- Schrum, L. (November, 1991). *Teachers Taking Charge: Driving the Process of Change*. Regional Meeting, Rocky Mountain Association of Computer Educators Invited Keynote Speech, Denver, CO
- Schrum, L. (August, 1991). *Technologies for Teacher Development*, East/West Invitational Seminar on New Technologies in Education International Meeting, Prague, Czechoslovakia.
- Schrum, L. (1991). *Telecommunications: Working to Enhance Global Understanding and Peace Education*, American Educational Research Association National Annual Meeting, Chicago.
- Schrum, L. (December, 1990). *Connecting Educators for Collegial Interaction*. American Association of School Administrators National Meeting, Invited Address, Washington D. C.
- Schrum, L. (June, 1991). *Telecommunications for Critical Inquiry: The Homeless Around the Continent*, National Education Computing Conference Annual Meeting, Nashville, TN.
- Schrum, L. & Akin, K. (May, 1990). *Community -Based Telecommunication*, Third Guelph Symposium on Computer Mediated Communications International Meeting, Guelph, Ontario, CA.
- Schrum, L. (August, 1989). *Journalism and At-Risk Populations Using Telecommunications*. First International Symposium on Telecommunication in Education, International Meeting, Jerusalem, Israel,
- Schrum, L. (November, 1988). *Why Not a 25¢ Stamp?*, MECC National Conference Annual Meeting, Featured Speaker,. Minneapolis, MN.
- Schrum, L. (August, 1998). *A Training Module: Introducing Educators to Telecommunications*. 14th World Conference on Distance Education International Meeting, Oslo, Norway.
- Schrum, L. (May, 1988). *Telecomputing For the World*, International Meeting, Invited Speaker,. Circum-Polar Conference on Distance Learning Juneau, Alaska

PROFESSIONAL ACTIVITIES

Service:

Editor, *Journal of Research on Technology in Education (JRTE)*, June, 2002-December, 2008.

International Society for Technology in Education, President (term June 1997 - June 1999).

International Society for Technology in Education, Board Member 1994 – 2000).

International Society for Technology in Education, Special Interest Group/ Telecommunications, President, 1991-1993.

Consultations/Evaluations:

Utah State Office of Education, Educational Technology Grants Evaluation Project, May, 2004 – June, 2006.

Florida Community College at Jacksonville, Florida, Consultant to Online course development, evaluator of progress in online course development; January 2002 – present.

Evaluator: Georgia Institute of Technology, NSF funded SeaMaven Project, 2002-2004.

Seton Hall University Preparing Teachers to Use Technology (PT3) grant, September, 1999 – June, 2002.

Georgia GLOBE Project; Development of “Students and Online Learning: Dimensions that Promote Success,” January – March, 2000.

Near East School Association International Schools, Consultant to Virtual High School Technology Planning Program, Athens, Greece, March, 1999.

United States Information Agency and Ministry of Education, Brazil, November, 1998.

The Well Connected Educator, for National Science Foundation, 1997.

United States Information Agency, April - May, 1995.

SUNY Plattsburgh, Telecommunications for Rural Educators Project; 1994-97.

Mississippi Band of Choctaw Indians, Telecommunications Project; 1995-96.

National Science Foundation, Panel Reviewer, January, 1994.

Invited Panelist, Ameritech/Illinois Bell, to judge proposals for \$500,000 grant to enhance technology in an Illinois School of Education.

Telecommunications Consultant, Public Broadcasting Services, pilot project for Math Online network, February - June, 1993.

McGraw-Hill Information Exchange, National Telecommunications Network for Educators, September, 1986 - September, 1989.

Awards:

President's Distinguished Professor of Educational Technology, The University of Alaska, October 2001 – June, 2003.

International Fellow, The University of Georgia, 1998-99 (award included three weeks in Australia)

Converge, 25 Leaders of Educational Technology, 1999

SIG/Tel Outstanding Achievement Award, 1995

Grant Proposals:

Project SM:ARTT Science and Mathematics: Attracting, Recruiting, and Training Teachers," Submitted March, 2005 to the National Science Foundation for the Noyce Fellowships, \$485,000, pending.

Preparing Tomorrow's Teachers to Use Technology, "Expanding Circles: Creating an inclusive learning community," Submitted February, 2001, \$998,755, not funded

Armstrong Laboratory, Invited Technical and Budget, White Paper - "Assessment and Evaluation of Information Technology, Electronic Environments, and On-line Education in an Academic and Training Curricula," \$333,939 awarded October 1, 1995.

University of Georgia, College of Education, Summer Research Funding, "Telecommunications for Professional Development, Instructional Improvement, and Educational Change," Supplemental Funding, \$5000 awarded April, 1995.

Georgia Research Foundation, "Telecommunications for Professional Development, Instructional Improvement, and Educational Change," \$3500 awarded January, 1995.

Eisenhower Grant, New York State Education Department, Math Infusion - Online Support, \$40,000; Awarded April, 1994.

Innovation in Education, US Department of Education, Rural Educators and Telecommunications: Interdisciplinary Curriculum Enhancement, \$300,000; awarded, September 1994.

Certification

California Lifetime Teaching Credentials:

Multiple Subject (K-8); Learning Handicapped (K-12)