

Curriculum Vitae of Priscilla Norton

PERSONAL

Graduate School of Education
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EDUCATION

- 1982 Doctorate of Education - Curriculum and Instruction
 United States International University
 San Diego, California 92131
- 1978 Master's of Science in Education - Extreme Learning Problems
 Oregon College of Education (Western Oregon State University)
 Monmouth, Oregon
- 1974 Teacher Certification Program - Secondary Social Studies
 Lewis and Clark College
 Portland, Oregon
- 1972 Bachelor of Science - History
 Lewis and Clark College
 Portland, Oregon

EXPERIENCE

- 8/03 – present Professor, Learning Technologies, Tenured, Graduate School
 of Education, George Mason University
- 8/97 – 8/03 Associate Professor, Instructional Technology, Tenured
 Graduate School of Education, George Mason University
- 8/90 - 6/97 Associate Professor, Tenured
 College of Education, University of New Mexico
- 8/99 – 6/03 External Evaluator, Salisbury University, Salisbury, Maryland
 Preparing Tomorrow's Teachers to Use Technology (PT3)
 Grant funded by U. S. Department of Education
- 8/99 – 8/03 External Evaluator, University of Wisconsin, Oshkosh
 Preparing Tomorrow's Teachers to Use Technology (PT3)
 Grant funded by U. S. Department of Education.

- 10/96 – 9/97 External Facilitator, Belen Professional Development Project
Planned, implemented, and evaluated a district project funded by Goals
2000 designed to support a teacher education project for
integrating technology with classroom project.
- 8/96 - 6/97 Director, The Double Eagle Collaborative
A University of New Mexico/Albuquerque Public Schools site-
based professional development exchange of services
collaborative.
- 8/96 - 6/97 Statewide Director
Regional Education Technology Assistance Professional Development
Project. Funded by NM State Department of Education and Los
Alamos National Laboratory.
- 8/95 - 8/96 Division Director
Division of Educational Specialties
College of Education, University of New Mexico
- 8/84 - 8/90 Assistant Professor – Tenure Track
Department of Curriculum and Instruction in Multicultural Education
College of Education, University of New Mexico
- 8/85 - 9/91 Co-Coordinator and Professor
APS/UNM Collaborative Graduate Intern Program
(A school district/university program for first year teachers concurrently
completing Master's degrees and completing a year of Teacher
Induction)
- 8/83 - 1/91 Adjunct Faculty
U.S. International University - School of Human Behavior
(Team teaching with Max Lerner - interdisciplinary seminars for
doctoral students from School of Human Behavior, School of
Business, Department of Anthropology/Sociology, School of
General and Clinical Psychology, and School of Education).
- 1/82 - 8/84 Adjunct Faculty - School of Education
U. S. International University
San Diego, California 92131
(Designed and Implemented Master's in Reading Program;
Designed and Implemented Master's and Doctoral Program in
Computer Education)
- 1/81 - 1/82 Classroom Teacher
Sweetwater Union High School District
Chula Vista, California
(Designed and Implemented Special Day Class Program for the
Severely Emotionally Disturbed)

- 8/76 - 1/81 Classroom Teacher
Yuma Elementary School District #1
Yuma, Arizona 85364
(Established Learning Disabilities Resource Program for 6th,
7th, and 8th grades)
- 3/74 - 8/76 Classroom Teacher
Beaverton Public School District #48
Beaverton, Oregon
(Taught reading and social studies at a residential treatment
center for delinquent boys, ages 9 to 16 years)

AWARDS

- 1988 - 1990 Presidential Lectureship, University of New Mexico
- 1988 - 1989 Christa McAuliffe Fellow
Sponsored by the National Fund for the
Improvement of Education, Washington, D.C.
- 2001 Best Program Evaluation Paper
Society for Information Technology and Teacher Education
- 2003 Best Distance Education Paper
Society for Information Technology and Teacher Education
- 2006 2006 Governor's Technology Award
Innovative Use of Technology in K-12 Education
The Online Academy
- 2006 Virginia Outstanding Faculty Award
Administered by the State Council of Higher Education for Virginia and
funded by a grant from the Dominion Foundation.
- 2007 Outstanding Paper Award
Society for Information Technology and Teacher Education
- 2014 Outstanding Conference Paper, awarded by E-Learn: World
Conference on E-Learning. (October)
- 2015 Outstanding Conference Paper, awarded by the Society for Information
Technology and Teacher Education (SITE). (March)

PUBLICATIONS

Books/Monographs

Hathaway, D., & Norton, P. (in press). *Understanding problems of practice: A case study in design research* (Vol. x). SpringerBriefs in Educational Communications and Technology.

Norton, P. & Wiburg, K. (2003). *Teaching with Technology, 2e*. Belmont, CA: Wadsworth Publishing.

Norton, P. & Sprague, D. (2001). *Technology for Teaching*. Allyn & Bacon Publishers.

Norton, P., & Wiburg, K. (1998). *Teaching with Technology*. NY: Harcourt Brace Publishers.

Patent Application

Norton, P. (2003). Community of Practice Learning System. Application for United States Letters Patent (GMU-45U).

Website Developed and Published

Norton, P. *Integration of Online Learning in Schools Graduate Program*. 10 online courses designed and published with associated activities, assignments, and instructional materials. Courses use a variety of online learning models and are not accessible through a single portal.

Norton, P. *The Online Academy for Teachers*. An online 15 graduate hour certificate program comprised of nine courses developed during the 2004 – 2005 academic year and approved by the University Graduate Council in Fall, 2005. Accessible at <http://toat.gmu.edu/>

Norton, P. *The Online Academy*. A Virtual High School. A Frederick County Public Schools, Loudoun County Public Schools, Stafford County Public Schools, and George Mason University Collaborative. Accessible at <http://toa.gmu.edu/>

Norton, P. *The Leadership Academy*. A graduate course. Accessible at <http://itdev.gmu.edu/vhs/TLA>

Norton, P. *Get Smart*. A George Mason University/Stafford County Public Schools Collaborative. Accessible at <http://it.gse.gmu.edu/onlineprograms/getsmart>.

Norton, P. Web-Based Design Tool for *Teaching with Technology, 2e*. Accessible at <http://www.norton.wadsworth.com>.

Norton, P. *Integrating Technology in Schools Online Certificate Program*. Instructional materials for eight online graduate courses. Accessible at <http://itsolc.gmu.edu>.

Norton, P. *Teaching and Learning with Technology*, A George Mason University/Prince William Teacher Education Collaborative. Accessible at <http://it.gse.gmu.edu/onlineprograms/pwcs>.

Book Chapters

Hathaway, D., & Norton, P. (in press). Taking blended learning to graduate teacher education: Examining a blending strategy. In L. Liu & D. C. Gibson, (Eds.), *Research highlights in technology and teacher education 2017*.

Hathaway, D. & Norton, P. (2016). A preservice secondary education technology course: Attitudes, knowledge, and learner outcomes. In L. Liu & D. C. Gibson, (Eds.), *Research highlights in technology and teacher education 2016* (pp. 119 – 126). Chesapeake, VA: AACE.

Hathaway, D., & Norton, P. (2015). A preservice secondary education technology course: Design decisions and students' learning experiences. In L. Liu & D. C. Gibson, (Eds.), *Research highlights in technology and teacher education 2015* (pp. 207 – 213). Chesapeake, VA: AACE.

Norton, P., & Hathaway, D. (2015). Using a design pattern framework to structure online course content: Two design cases. In T. J. Bastiaens & G. H. Marks (Eds.), *Education and information technology annual 2015: A selection of AACE award papers* (pp. 57-66). United States: Association for the Advancement of Computing in Education (AACE).

Norton, P., & Hathaway, D. (2011). Lessons from the ITS program: Five design strategies on which to build technology-rich teacher education. In D. Polly, C. Mims & K. Persichitte (Eds.), *Developing Technology-Rich Teacher Education Programs: Key Issues* (pp. 13-27). Hershey, PA: IGI Global.

Norton, P., & Hathaway, D. (2011). Impediments to technology integration: Individual factors, school-based factors, and system-wide factors identified by high-using technology teachers. In C. Maddux, D. Gibson, & B. Dodge (Eds.), *Research Highlights in Technology and Teacher Education 2011* (pp. 189-197). Chesapeake, VA: AACE.

Norton, P., & Hathaway, D. (2010). Online conversations with peers and with an expert mentor. In C. Maddux, D. Gibson, & B. Dodge (Eds.), *Research Highlights in Technology and Teacher Education 2010* (pp. 19– 34). Chesapeake, VA: AACE.

Norton, P., & Hathaway, D. (2009). Exploring online learning through design and design-based research. In C. Maddux (Ed.), *Research Highlights in Technology and Teacher Education 2009* (pp. 239 – 246). Chesapeake, VA: AACE.

- Norton, P. Williams van Rooij, S., Kinas Jerome, M., Clark, K., Behrmann, M., & Bannan-Ritland, B. (2009). Linking Theory and Practice Through Design: An Instructional Technology Program. *Educational Media and Technology Yearbook*. Volume 34, 2009.
- Norton, P. (2004). A dream reconstituted. In A. Dil (ed.). *Intercultural Education*. San Diego, CA: Intercultural Forum. (Invited).
- Norton, P. (1996). A problem-centered model for use in integrating technology into interdisciplinary curriculum planning, In J. Clark & R. Agne (Eds.), *Interdisciplinary High School Teaching: Strategies for Integrated Learning*, Needham Hts, MA: Allyn & Bacon.
- Norton, P. (1986). The First Intergalactic Congress: An Ethics Simulation. In J. Hydrick, (Ed.), *Ethics and Excellence in Computer Education: Choice or Mandate*. Rockville, MD: Computer Science Press, pp. 292-308.

Peer Reviewed Journal Articles

- Norton, P., & Hathaway, D. (2017). Using a design pattern framework to structure online course content: Two design cases. *International Journal on E-Learning*. 16(2), 175-193. (Invited)
- Norton, P., & Hathaway, D. (2015). Teachers' online experience: Is there a covert curriculum in online professional development? *Journal of Technology and Teacher Education*, 23(4), 509-533. Chesapeake, VA: Society for Information Technology & Teacher Education.
- Hathaway, D., & Norton, P. (2012). An exploratory study comparing two modes of preparation for online teaching. *Journal of Digital Learning in Teacher Education*, 28(4), 146-152.
- Hathaway, D., & Norton, P. (2012). Video production: Bridging teacher education and classroom practice. *Journal of Technology and Teacher Education*, 20(2), 127-149.
- Norton, P., & Hathaway, D. (2010). Video production as an instructional strategy: Content Learning and teacher practice. *Contemporary Issues in Technology and Teacher Education*, 10(1). Retrieved from <http://www.citejournal.org/vol10/iss1/currentpractice/article2.cfm>
- Norton, P. & Hathaway, D. (2008). On its way to k-12 classrooms, Web 2.0 goes to graduate school. *Computers in the Schools*. 25(3),163 - 180.
- Norton, P. & Hathaway, D. (2008). Exploring two teacher education online learning designs: A classroom of one or many? *Journal of Research in Technology and Education*. 40(4), 475-496).
- Norton, P. & Sprague, D. (2002-2003). Timber Lane technology tales: A design experiment in alternative field experiences for preservice candidates. *Journal of Computing in Teacher Education*. (Special Issue: Technology in Field Experiences). 19(2), 40-46.

- Norton, P. (1999). Becoming detectives and planning a Medieval Feast: Models of technology integration. *Connections*. 15(2 & 3), 9-13. (Invited)
- Norton, P. & Gonzales, C. (1998). Regional education technology assistance (RETA) initiative: Phase II - evaluating a model for statewide professional development. *Journal of Research in Computer Education*. Winter, 1998-9.
- Norton, P., & Sprague, D. (1997). On-line collaborative lesson planning: An experiment in teacher education. *Journal of Technology and Teacher Education*. 5(2/3),149-162.
- Norton, P., & Sprague, D. (1996). Changing teachers - Teachers changing schools: Assessing a graduate program in technology. *Journal of Information Technology and Teacher Education*, 5(1/2), 93-105.
- Norton, P. (1995). Integrating technology: Using telecommunications to augment graduate teacher education. *Journal of Technology and Teacher Education*, 3(1), 3-12.
- Norton, P., & Harvey, D. (1995). Information # knowledge: Using the power of databases to explore the tragedy at Donner's Pass. *Learning and Leading with Technology*, 23(1), 23-25.
- Norton, P. (1994). Integrating technology in schools: a cohort process for graduate level inquiry. *Journal of Information Technology for Teacher Education*, 3(2), 163-174. (Invited).
- Norton, P. (1991). Ten short years from now: Reconciling technological challenges and the literacy curriculum. *Journal of Navajo Education*, 9(2), 12-16. (Invited)
- Norton, P. (1988). *Breaking the cycle of illiteracy*. Albuquerque, NM: The Education Forum of New Mexico. (Invited).
- Norton, P. and Angell, C. (1986). Computers aren't crazy: Reading and the four C's. *The New Mexico Journal of Reading*, 6(3), 5-8.

Journals with an Editorial Board

- Norton, P., & Hathaway, D. (2015). In search of a teacher education curriculum: Appropriating a design lens to solve problems of practice. *Educational Technology*, 55(6), 3-14.
- Hathaway, D., & Norton, P. (2013). Designing an online course content structure using a design patterns approach. *Educational Technology*, 53(2), 3-15.
- Norton, P., & Hathaway, D. (2012). Deepening content knowledge, finding meaning in complex text, and using games to engage 21st century learners: Is it possible to kill three birds with one design model? *Educational Technology*, 52(3), 3-13.

- Norton, P. (1992). When technology meets the subject-matter disciplines: The computer as metaphor. *Educational Technology*, 32(6), 38-46.
- Norton, P. (1992). When technology meets the subject-matter disciplines: The computer as discourse. *Educational Technology*, 32(7), 36-46.
- Norton, P. (1992). When technology meets the subject-matter disciplines: The computer as method. *Educational Technology*, 3(8),35-44. *Educational Technology*, 28(9):36-41.Reprinted in Cannings & L. Funkel (eds,) *The Technology Age Classroom*, Wilsonville, OR: Franklin Beedle, Inc., 1993.
- Norton, P. and Heiman, B. (1988). Computer literacy and communication disordered students: A research study. *Educational Technology*, 27(9), 36-41.
- Norton, P. and Resta, V. (1986). Investigating the impact of computer instruction on elementary student's reading achievement, *Educational Technology*. 26(3), 35-41.
- Norton, P. (1985). An agenda for technology and education: Eight imperatives. *Educational Technology*, 25(1), 15-20.
- Norton, P. (1985). Problem-solving activities in a computer environment: A different angle of vision. *Educational Technology*, 25(10), 35-41.
- Norton, P. (1983). Computer potentials and computer educators: A proactive view of computer education. *Educational Technology*, 23(10), 16-19. Reprinted in *Run: Computer education*,- Brooks/Cole Publishers, 1986 and *Humanizing the computer* , Wadsworth Publishing Co., 1986.

Peer Reviewed Conference Papers

- Hathaway, D., & Norton, P. (2017). Taking blended learning to graduate teacher education: Examining a blending strategy. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 510-517). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Hathaway, D. & Norton, P. (2016). A Preservice Secondary Education Technology Course: Attitudes, Knowledge, and Learner Outcomes. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 690-697). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Hathaway, D., & Norton, P. (2015). A preservice secondary education technology course: Design decisions and students' learning experiences. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 925-933). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). **Awarded Outstanding Conference Paper.**

- Norton, P., & Hathaway, D. (2014). Using a design pattern framework to structure online course content: Two design cases. In T. Bastiaens (Ed.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014* (pp. 1440-1449). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). **Awarded Outstanding Conference Paper.**
- Norton, P. & Hathaway, D. (2014). Using a Design Pattern Framework to Structure Online Course Content: Two Design Cases. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014* (pp. 238-247). Chesapeake, VA: AACE.
- Hathaway, D., & Norton, P. (2014). What do teachers learn about online learning from their online professional development experiences? In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 761-769). Chesapeake, VA: AACE.
- Norton, P. & Hathaway, D. (2013). Preparing Teachers, Building Capacity: A Response to K-12 Online Initiatives. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 886-894). Chesapeake, VA: AACE.
- Norton, P., & Hathaway, D. (2012). Frequency, confidence, and self-perception: Comparing two modes of preparation for online teaching. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 2029-2036). Chesapeake, VA: AACE.
- Norton, P., & Hathaway, D. (2011). Impediments to technology integration: Individual factors, school-based factors, and system-wide factors identified by high-using technology teachers. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 1011-1018). Chesapeake, VA: AACE.
- Norton, P. & Hathaway, D. (2010). Online Conversations with Peers and with an Expert Mentor: Is There a Difference? *Technology and Teacher Education Annual, 2010*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. & Hathaway, D. (2009). Exploring online learning through design and design-based research. *Technology and Teacher Education Annual, 2009*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P., & Hathaway, D. (2008). Reflections on the Notion of Community in Online Learning. *Technology and Teacher Education Annual, 2008*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.

- Norton, P., & Hathaway, D. (2007). Comparing Two Online Learning Environments: A Classroom of One or Many? *Technology and Teacher Education Annual, 2007*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers. (Awarded Outstanding Paper by SITE 2007.)
- Norton, P., Little, A., & Daniels, B. (2007) My Computer Was My Classroom: Investigating an Innovative Virtual High School Program. *Technology and Teacher Education Annual, 2007*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P., & Smith, R. (2007). Preparing Virtual Teachers: Who Is on the Other End? *Technology and Teacher Education Annual, 2007*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (2006). The Online Academy: A Unique Approach to Virtual High Schooling, *Technology and Teacher Education Annual, 2006*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (2005). Scaffolding Online Learning: The ART of Mentoring, *Technology and Teacher Education Annual, 2005*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (2005). *Rethinking E-Learning: It's Time to Throw the Baby Out with the Bathwater*. E-Learn 2005 - World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education Proceedings. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers (Invited Paper).
- Norton, P. (2005). When Pedagogy Meets E-Learning: Creating a Learner-Centered Virtual High School. *2004 Hawaii International Conference Proceedings*. Honolulu, Hawaii: 3rd Annual Hawaii International Conference on Education.
- Norton, P. & Warrick, W. (2004). Identifying the Learning Needs of Site-based Technology Resource Specialists: A Delphi Study. *Technology and Teacher Education Annual, 2004*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Warrick, W., Connors, S., Norton, P., (2004). E-Mail, Discussion Boards, and Synchronous Chat: Comparing Three Modes of Online Collaboration. *Technology and Teacher Education Annual, 2004*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.

- Norton, P. (2003). COPLS*: An Alternative to Traditional Online Course Management Tools (*Patent Pending). *Technology and Teacher Education Annual, 2003*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers. (Awarded Outstanding Paper – Distance Education by SITE).
- Warrick, W., Connors, S., Norton, P., (2003). Learning to Mentor: Assessing an Online Mentor Education Course. *Technology and Teacher Education Annual, 2003*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. & Warrick, W. (2002). Graduate Instruction Combining Online, On-Site, and Face-to-Face: A Study. *Technology and Teacher Education Annual, 2002*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Published by Allyn & Bacon Publishers.
- Norton, P., Kitsantis, A. & Lynch, M. (2002). Online Learning, Online Mentors, and Preservice Technology Education: A Study. *Technology and Teacher Education Annual, 2002*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Published by Allyn & Bacon Publishers.
- Norton, P. & Farrell, N. (2001). When Attitudes Change, Do Changes in Practice Follow? *Technology and Teacher Education Annual, 2001*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Published by Allyn & Bacon Publishers. (Awarded as Best Paper - Program Evaluation by SITE).
- Norton, P. (2001). How Much Is Enough?: Comparing A Technology Certificate and a Technology Master's Program, *Technology and Teacher Education Annual, 2001*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). by Allyn & Bacon Publishers.
- Norton, P. (2000). Technology in the Teacher Education Classroom: Six Categories of Practice. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. & Sprague, D. (1999). Timberlane Tales: Problem-Centered Learning, Technology Integration, Preservice Education. *Technology and Teacher Education Annual, 1999*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Sprague, D. & Norton, P. (1999). Studying Technology as a Cohort: Teacher's Reflections on the Process. *Technology and Teacher Education Annual, 1999*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publications.

- Norton, P. & Sprague, D. (1998). Teachers teaching teachers: The Belen Goals 2000 professional development project. *Technology and Teacher Education Annual, 1998*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (1997). The Double Eagle Experiment: A University/School District Technology Integration Collaborative. *Technology and Teacher Education Annual, 1997*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (1996). On-line collaborative lesson planning: An experiment in teacher Education *Technology and Teacher Education Annual, 1996*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (1995). Electronic technologies, educational change, and the narrative: An experiment in graduate education. *Technology and Teacher Education Annual, 1995*. Charlottesville, VA: Association for the Advancement of Computing in Education (AACE). Distributed by Allyn & Bacon Publishers.
- Norton, P. (1993). Technology, teachers, and transitions: Lessons from ten years of history. *Proceedings of the Society for Technology and Teacher Education, 1993*, pp. 448-452, Charlottesville, VA: Association for the Advancement of Computing in Education (AACE).
- Norton, P. (1991). Technological challenges and literacy expectations. *Proceedings of The Louisiana Library Association, 1991*. New Orleans, LA: Louisiana Library Association, pp. 69-82. (Invited)

Project Evaluation Reports

- Norton, P., Warrick, W., & Hathaway, D. (2006). *Report on "Technology, Teachers, and Young Learners: A Leadership Perspective" In-Country Training Program*. Report and assessment prepared for East European and Eurasian Programs, Center for International Education Development, Georgetown University. Sponsored by USAID for university faculty training in Macedonia – January 16 – January 25, 2006.
- Norton, P., Warrick, W., & Hathaway, D. (2005). *Report on "Technology, Teachers, and Young Learners" In-Country Training Program*. Report and assessment prepared for East European and Eurasian Programs, Center for International Education Development, Georgetown University. Sponsored by USAID for university faculty training in Macedonia – August 22 – August 31, 2005.
- Norton, P. & Warrick, W. (2003). Identifying the Learning Needs of Site-based Technology Resource Specialists - Report of a Delphi Study commissioned by the North-TIER Consortium.

Norton, P. (1998, March). *Teachers Teaching Teachers: The Belen Goals 2000 Professional Development Project*. Belen, NM: Belen Public Schools.

Norton, P. & Gonzales, C. (1997, November). *Regional Education Technology Assistance (RETA) Initiative: A Model for Statewide Professional Development*. Los Alamos, NM: Los Alamos National Laboratory. [Selected by Council of Chief State School Officers as one of six national demonstration projects.]

Altwerger, B., Maggart, Z., Norton, P., Ortiz, L., & White, R. (1986). *A study of literacy in New Mexico*. Albuquerque, NM: The Education Forum of New Mexico.

In House Reports

Norton, P., & Hathaway, D. (2015). Designing Digital Learning in Schools (DDLs), M.Ed. and two graduate certificate options: Program proposal rationale, new courses/syllabi development, and course modifications for GSE Curriculum Committee approval.

Norton, P., & Hathaway, D. (2012). Integration of Online Learning in Schools (IOLS), MEd and graduate certificate option, new course creation and course modifications.

Norton, P. & Hathaway, D. (2008). Rationale for Proposed Modifications to the Track 2 – ITS Graduate Program and the Track 2 – ITS Certificate Program. Submitted to CEHD Curriculum Committee with all modifications approved Spring semester.

Norton, P. & Sprague, D. (2002). Folio for Continuing Accreditation for Instructional Technology. Submitted to the International Society for Technology in Education (ISTE) by the Graduate School of Education. Fairfax, VA: George Mason University.

Norton, P. (1999). *Program Rationale, Revisions, and Proposed Syllabi for Middle/Secondary Education*. Fairfax, VA: George Mason University.

Norton, P. & Sprague, D. (1997). *Folio for Continuing Accreditation for Instructional Technology*. Submitted to the International Society for Technology in Education (ISTE) by the Graduate School of Education. Fairfax, VA: George Mason University.

Norton, P. & Sprague, D. (1997). *A Proposal for Revision of Track Two – Instructional Technology Program: Integration of Technology in Schools*. Submitted to Graduate School of Education. Approved by Graduate School of Education and George Mason University Graduate Council. Fairfax, VA: George Mason University.

Norton, P., Sprague, D., & Gonzales, C. (1993). *Toward a college-wide knowledge base: A delphi study involving processes, players, and paradigms*. Albuquerque, NM: College of Education, University of New Mexico.

Curriculum Materials Published

Norton, P. & Arsenault, D. (1987). *The first intergalactic congress simulation: A manual for Teachers*. Santa Ana, CA: Santa Ana Unified School District.

Norton, P. & Orey, D. (1987). *A K - 12 district-wide computer education curriculum*. Espanola, NM: Espanola School District.

EXTERNAL GRANT EVALUATION

Norton, P. (2000-2003). External Evaluator for Preparing Teachers to Use Technology (PT3) Implementation Grant. Salisbury State University/Frostburg State University, Maryland. U. S. Department of Education.

Norton, P. (2000-2003). External Evaluator for Preparing Teachers to Use Technology (PT3) Implementation Grant. University of Wisconsin – Oshkosh. U. S. Department of Education.

Norton, P. (1999-2000). External Evaluator for Preparing Teachers to Use Technology (PT3) Capacity Building Grant. University of Wisconsin – Oshkosh. U. S. Department of Education.

GRANTS AND GRANT PROPOSALS

Shahrokhi, F. (2016). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded for \$184,000.

Shahrokhi, F. (2015). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded amount \$183,000.

Shahrokhi, F. (2014). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded amount \$183,000.

Shahrokhi, F. (2013). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded \$179,949.

Shahrokhi, F. (2012). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded \$178,176.

Norton, P., Clark, K., & Hathaway, D. (2011). *Project CLICK (Computer Games and Literacy Integrated with Content Knowledge)*, Submitted to Institute for Education Studies. \$840,000. Not funded.

Shahrokhi, F. (2010). Teaching Excellence and Achievement Award (TEA) Program, International Research and Exchanges Board/U.S. Department of State. *FACULTY PARTNER*. Funded \$178,000.

- Perry, T. & Norton, P. (2007). *Demonstration of Concept: Software Development for Advanced Training Delivery*. Grant submitted to U.S. Air Force Educational Services. Proposal #: F071-037-3008. Not Funded.
- Bennett, S., Rosen, D. M., & Norton, P. (2000). *DC/MD/VA Intel Teach to the Future Regional Training Agency Initiative*. Santa Clara, CA: Intel Foundation, RN5-26. Total Requested: \$172,660. Not Funded.
- Norton, P. (2000). *Developing teacher leaders: Identifying knowledge, skills, experiences, and incentives*. Research Funding for Tenured Faculty, George Mason University. Funded - \$2,460.
- Norton, P. et. al. (1998). *Learning connections: Connecting technology to the classroom*. Washington, D. C.: US Department of Education. Sponsored by Prince William County Public Schools. Total Requested: \$7,089,323. Not Funded.
- Norton, P. & Wagner, P. (1996 – 1998). The UNM/APS Double Eagle elementary Collaborative. Albuquerque, NM: Albuquerque Public Schools. Funded at \$76,000 per year for two years.
- Norton, P., Sprague, D., & Gonzales, C. (1993). *Toward a college-wide knowledge base: A research study involving processes, players, and paradigms*, Research study and manuscript prepared for the College of Education. Presented to the Dean's Office, September, 1993. No funds requested.
- Norton, P., & Kokoski, T. (1992). *A tri-state technology-based science and mathematics initiative to build university and technology supported teacher leadership teams throughout New Mexico, Colorado, and Arizona*. Submitted to U. S. Department of Education. May, 1992. Not selected.
- Norton, P., & Gittinger, J. (1990). *Distance laboratories for the University of New Mexico*. Submitted to UNM Fund for consideration by U. S. West Telecommunications. August, 1990. Not selected.
- Norwood, V., Schuetz, J., Gross, W., & Norton, P. (1989). *Communications technologies in New Mexico*. A proposal submitted to the Faculty Scholars' Interdisciplinary Program at the University of New Mexico. Not selected.
- Norton, P. and Heiman, B. (1989, March). *Research on computer-based tutoring for three and four-year-old communication disordered students*. Submitted to the U. S. Department of Education. Not selected.
- Resta, P., and Norton, P. (1988, November). *The computer as environment: Teaching preservice teachers to integrate computers into the instructional process*. Submitted to Apple Computer, Inc. Approved and equipment grant made August, 1989.

Norton, P., & Heiman, B. (1988, May). *Research on computer-based tutoring for three and four-year-old communication disordered students*. Submitted to the U. S. Department of Education. Not funded.

Norton, P., & Gittinger, J. (1987, Spring). *Development, evaluation, and dissemination of innovative curricular and instructional models for using low-cost telecommunications in postsecondary education*. Submitted to the Fund for the Improvement of Postsecondary Education. Not funded.

Norton, P., & Resta, V. (1986, May). *Replication of two research projects completed in APS evaluating the impact of problem-solving, simulation, and writing software on elementary student's reading achievement*. Approved for Summer, 1986.

Altwerger, B., Maggart, Z., Norton, P., Ortiz, L., & White, R. (1985, November). *A proposal for the collection and compilation of information relevant to an initial assessment of literacy levels, literacy needs, and literacy uses in New Mexico*. Proposal submitted to the Education Forum of New Mexico. Funded for \$2,500.

Norton, P. and Resta, V. (1985, May). *An evaluation of three computer-based learning alternatives for reading instruction*. Proposal submitted to Albuquerque Public Schools. Approved for Summer 1985. No funds requested.

Norton, P. (1984, December). *Going beyond the facts: systems thinking in biology*. Proposal submitted to Wheels for the Mind - Apple Education Foundation. Not funded.

SCHOOL AND SCHOOL DISTRICT COLLABORATIONS

Norton, P. (2003-2013). A Virtual High School Partnership. A university/seven school division partnership to create 12 virtual high school courses. Collaborative includes policy board members, a Track 1 Immersion Team, and 28 participating teachers.

Norton, P. (1996-98). The Albuquerque Public Schools/University of New Mexico Double Eagle Collaborative. A university/public school, exchange of services, site-based collaborative to create a learning community with the goal of school-wide technology integration. Collaborative includes preservice, inservice, and graduate learning opportunities.

Norton, P. (1996-97). External Change Agent for Goals 2000 grant in support of district-wide professional development for integrating technology throughout the curriculum. Conducted workshops to train the trainers and served as evaluator. Belen Public Schools, Belen, New Mexico.

Norton, P. (1996-97). Director, Regional Education Technology Assistance Professional Development Project - A state-wide professional development inservice program for all 89 New Mexico School Districts. Funded by the New Mexico State Department of Education and the Los Alamos National Laboratory.

Norton, P. (1994-95). *Using computers to promote literacy through a cross-age tutoring program*. A nine-part series of Workshops in support of a State of New Mexico – Department of Education, SDE 902B-92 Grant funded for the 1994 - 1995 school year. Larragoite Elementary School, Santa Fe, NM 87501.

PRESENTATIONS

National/International

Hathaway, D., & Norton, P. (2017, March). *Taking blended learning to graduate teacher education: Examining a blending strategy*. Austin, TX: Society for Information Technology and Teacher Education, SITE, 2017.

Hathaway, D., & Norton, P. (2017, January-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.

Hathaway, D., & Norton, P. (2016, March). *A preservice secondary education technology course: Attitudes, Knowledge, and Learner Outcomes*. Savannah, GA: Society for Information Technology and Teacher Education, SITE, 2016.

Hathaway, D., & Norton, P. (2016, February-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.

Hathaway, D., & Norton, P. (2015, March). *A preservice secondary education technology course: Design decisions and students' learning experiences*. Las Vegas, NV: Society for Information Technology and Teacher Education, SITE, 2015.

Hathaway, D., & Norton, P. (2015, February-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.

Norton, P., & Hathaway, D. (2014, October). *Using a design pattern framework to structure online course content: Two design cases*. New Orleans, LA: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, 2014.

- Norton, P., & Hathaway, D. (2014, October). *Using a design pattern framework to structure online course content: Two design cases*. New Orleans, LA: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, 2014.
- Norton, P. (2014, March). *What do teachers learn about online learning from their online professional development experiences?* Jacksonville, FL: Society for Information Technology and Teacher Education, SITE, 2014.
- Norton, P. (2013, January). Workshop for teachers during consultancy for Arizona Department of Education Technology Grant awarded to Mt. Tipton Elementary School, Kingman Unified School District. Dolan Springs, Arizona: Kingman Unified School District.
- Norton, P. (2012, September). Workshop for teachers during consultancy for Arizona Department of Education Technology Grant awarded to Mt. Tipton Elementary School, Kingman Unified School District. Dolan Springs, Arizona: Kingman Unified School District.
- Norton, P. & Hathaway, D. (2014, February-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.
- Norton, P., & Hathaway, D. (2013, February-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 32 hour series of workshops for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.
- Norton, P., & Hathaway, D. (2012, February-March). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.
- Norton, P., & Hathaway, D. (2012, March). *Comparing two modes of preparation for online teaching: Frequency, confidence, and self-perception*. Austin, TX: Society for Information Technology and Teacher Education, SITE, 2012.
- Norton, P. (2012, March). *Using New Media to Expand Educational Opportunities*. Washington, D.C.: U.S. Embassy in Moscow.

- Norton, P. (2004). *Technology, Leadership, and Students: Making It Come Together*. Invitation Institute for Education Leaders. The Dells, WI: Wisconsin Department of Public Instruction. Invited Speaker.
- Norton, P. (2012, March). Using New Media to Expand Educational Opportunities. Washington, D.C.: U.S. Embassy in Moscow.
- Norton, P., & Hathaway, D. (2011, March). Impediments to technology integration: Individual factors, school-based factors, and system-wide factors identified by high-using technology teachers. Nashville, TN: Society for Information Technology and Teacher Education, SITE, 2011.
- Norton, P. (2011, March). *Using Technology in the Classroom*. Visiting Scholars from Georgia. U. S. State Department International Visitors Program. Washington, D.C.: Meridian International Center.
- Norton, P., & Hathaway, D. (2010, October). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.
- Norton, P. (2010). *Virtual High Schools: Possibilities, Issues, and Considerations*. Greek Teachers Professional Development Program (GTPDP). U.S. Department of State's Bureau of Educational and Cultural Affairs. Fairfax, VA: George Mason University.
- Norton, P., & Hathaway, D. (2010, October). *Technology integration principles and processes in English language, History, Social Studies, and Geography curriculum*. A 5-week workshop for international secondary school teachers of the Teaching Excellence and Achievement Program, a program of the Bureau of Educational and Cultural Affairs of the United States Department of State, and administered by the International Research & Exchanges Board (IREX). George Mason University. Fairfax, VA.
- Norton, P., & Hathaway, D. (2010, March). *Online conversations with peers and with an expert mentor*. San Diego, CA: Society for Information Technology and Teacher Education, SITE, 2010.
- Norton, P. ((2009, October). Virtual Learning Opportunities for Hospitalized Children. Fairfax, VA: Association for the Education of Children with Medical Needs (AECMN).
- Norton, P. & Hathaway, D. (2009). Exploring online learning through design and design-based research. Charleston, SC: Society for Information Technology and Teacher Education, SITE, 2009.
- Norton, P., & Hathaway, D. (2008). Reflections on the Notion of Community in Online Learning. Las Vegas, NV: Society for Information Technology and Teacher Education, SITE, 2008.

- Norton, P., & Hathaway, D. (2007). *Comparing Two Online Learning Environments: A Classroom of One or Many?* San Antonio, TX: Society for Information Technology and Teacher Education, SITE, 2007.
- Norton, P., Little, A., & Daniels, B. (2007) *My Computer Was My Classroom: Investigating an Innovative Virtual High School Program.* San Antonio, TX: Society for Information Technology and Teacher Education, SITE, 2007.
- Norton, P., & Smith, R. (2007). *Preparing Virtual Teachers: Who Is on the Other End?* San Antonio, TX: Society for Information Technology and Teacher Education, SITE, 2007.
- Norton, P. (2006). *The Online Academy: A Unique Approach to Virtual High Schooling.* Orlando, FL: Society for Information Technology and Teacher Education, SITE, 2006.
- Norton, P., Warrick, W., & Hathaway, D. (2005). *“Technology, Teachers, and Young Learners” In-Country Training Program.* Two-week workshop for country-wide pedagogical faculty. Sponsored by European and Eurasian Programs, Center for International Education Development, Georgetown University. Funded by USAID. Tetovo, Macedonia – August 22 – August 31, 2005.
- Norton, P., Warrick, W., & Hathaway, D. (2006) *Report on “Technology, Teachers, and Young Learners: A Leadership Perspective” In-Country Training Program.* Two-week workshop for country-wide pedagogical faculty. Sponsored by European and Eurasian Programs, Center for International Education Development, Georgetown University. Funded by USAID. Ochrid, Macedonia – January 16 – January 25, 2006.
- Norton, P. (2005). *Scaffolding Online Learning: The ART of Mentoring, Phoenix, AZ:* Society for Information Technology and Teacher Education, 2005.
- Norton, P. (2005). *Rethinking E-Learning: It's Time to Throw the Baby Out with the Bathwater.* Washington, D. C.: E-Learn 2004 - World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education Proceedings. (Invited Presentation).
- Norton, P. (2005). *When Pedagogy Meets E-Learning: Creating a Learner-Centered Virtual High School.* Honolulu, Hawaii: 3rd Annual Hawaii International Conference on Education.
- Norton, P. (2004). *Identifying the Learning Needs of Site-based Technology Resource Specialists: A Delphi Study.* Atlanta, GA: Society for Information Technology and Teacher Education, 2004.
- Warrick, W., Connors, S., Norton, P., (2004). *E-Mail, Discussion Boards, and Synchronous Chat: Comparing Three Modes of Online Collaboration.* Atlanta, GA: Society for Information Technology and Teacher Education, 2004.
- Norton, P. (2003). *Online Learning.* Television interview for *SchoolTalk*. Distributed by the Public Broadcasting Service.

- Norton, P. (2003). COPLS*: An Alternative to Traditional Online Course Management Tools (*Patent Pending). Albuquerque, NM: Society for Information Technology and Teacher Education, 2003.
- Warrick, W., Connors, S., Norton, P., (2003). Learning to Mentor: Assessing an Online Mentor Education Course. Albuquerque, NM: Society for Information Technology and Teacher Education, 2003.
- Norton, P. (2002). eSchools, eLearning, eTeaching: A Call for Action. WebEX Virtual Conference. Hosted by Wadsworth Teaching & Learning Series. (Invited).
- Norton, P. (2002). Design, Design, Design: How Standards, Technology, and Constructivism Can Coexist. San Antonio, TX: National Educational Computing Conference.
- Norton, P. & Warrick, W. (2002). Graduate Instruction Combining Online, On-Site, and Face-to-Face: A Study. Nashville, TN: Society for Information Technology and Teacher Education, 2002.
- Norton, P. & Lynch, M. (2002). Online Learning, Online Mentors, and Preservice Technology Education: A Study. Nashville, TN: Society for Information Technology and Teacher Education, 2002.
- Norton, P. & Farrell, N. (2001). *When Attitudes Change, Do Changes in Practice Follow?* Orlando, FL: Society for Information Technology and Teacher Education, 2001.
- Norton, P. & Schell, G. (2001). *How Much Is Enough?: Comparing Certificate and Degree Teacher Education Options.* Orlando, FL: Society for Information Technology and Teacher Education, 2001.
- Norton, P. (2000). *Technology in the Teacher Education Classroom: Six Categories of Practice.* San Diego, CA: Society for Information Technology and Teacher Education.
- Norton, P. & Sprague, D. (1999, June). *Timber Lane Tales: Problem-Centered Learning and Technology Integration.* Atlantic City, NJ: National Educational Computing Consortium.
- Norton, P. & Sprague, D. (1999, March). *Timberlane Tales: Problem-Centered Learning, Technology Integration, and Preservice Education.* San Antonio, TX: Society for Information Technology and Teacher Education.
- Sprague, D. & Norton, P. (1999, March). *Studying Technology as a Cohort: Teachers' Reflections on the Process.* San Antonio, TX: Society for Information Technology and Teacher Education.
- Norton, P. (1998, October). *Seven Conceptual Mistakes to Avoid: Making Technology Work for Teaching and Learning.* Faculty Participant and Invited Speaker. A Three Day Conversation: Media Literacy, Technology, and the Human Spirit. Albuquerque, NM: Albuquerque Academy.

- Norton, P. (1998, October). Culture, Education and Media: Vital Solutions. Invited Faculty Participant. Three day Conversation. Albuquerque, NM: Albuquerque Academy.
- Norton, P. (1998, March). Teachers teaching teachers: The Belen Goals 2000 professional development project. Society for Technology and Teacher Education (SITE98 Conference). Washington, D. C.
- Norton, P. & Sprague, D. (1998, February). *Technology integration: Positions, visions, obstructions, and perceptions*. Invited presentation for National Association of Secondary School Principals, San Diego, CA.
- Norton, P. & Gonzales, C. (1997, July). *Regional Education Technology Assistance (RETA) Initiative: A Model for Statewide Professional Development*. Selected by Council of Chief State School Officers (CSSO) as one of six national demonstration projects for presentation at the CSSO Summer Institute. Chicago, IL.
- Norton, P. (1997, March). *The Double Eagle Experiment: A University/School District Technology Integration Collaborative*. Society for Technology and Teacher Education (SITE97 Conference). Orlando, FL.
- Norton, P., & Sprague, D. (1996, March). *On-line collaborative lesson planning: An experiment in teacher education*. Society for Technology and Teacher Education (SITE96 Conference). Phoenix, AZ.
- Norton, P. (1995, March). *Using the narrative in graduate level programs to promote educational change*. Society for Technology and Teacher Education (SITE95 Conference). San Antonio, TX. Invited Session.
- Norton, P. (1994, March). *ITS the future: Using telecommunications as an integral part of a graduate program for integrating technology in schools*. Society for Technology and Teacher Education (STATE94 Conference). Washington, D.C.
- Norton, P. (1992, March). *Technology, teachers, and transitions: lessons from ten years of history*. Paper presented at Society for Technology and Teacher Education, a division of Association for the Advancement of Computing in Education (AACE). Houston, Texas.
- Norton, P. (1989, April). *Running the next race: Changes in literacy expectations*. Paper presented at the Literacy in the Workplace Conference sponsored jointly by the Departments of Labor and Transportation. Dallas, Texas. (Invited).
- Norton, P. (1986, July). *A different angle of vision*. Paper presented at the Logo '86 Conference. Boston, Massachusetts.

Regional

- Hathaway, D., & Norton, P. (2015, June 10). *Using a design pattern framework to structure online course content: Two design cases*. Enterprise Learning Conference. Manassas, VA.

- Norton, P. (2012, May). Potentials and Challenges as Public School Divisions Entertain Online Learning. Washington, DC: Washington Area Superintendents' Study Council.
- Norton, P. (2001). *Eight Ways for Faculty to Integrate Technology Throughout University Teaching*. Joint Faculty Session – Frostburg State University and Salisbury University. Salisbury, MD: Salisbury University.
- Norton, P. (1999, February). *Making Technology Happen in the Learning Lives of Students*. Plenary Address for the New Mexico Leadership Institute – an activity sponsored by US Department of Education Technology Challenge Grant awarded in New Mexico, Santa Fe, New Mexico.
- Norton, P. (1999, March). *Setting Goals and Planning for Technology Integration*. Invited Speaker for planning for implementation of a Technology Challenge Grant funded by the US Department of Education and awarded to the Gallup-McKinley School District and the Navajo Nation. Gallup, New Mexico.
- Norton, P. & Sprague, D. (1999, May). *Using Technology to Support the Learning of Teacher Education Students*. Presentation to the School of Education Faculty. Newport News, VA: Christopher Newport University.
- Norton, P. (1999, June). *Communicating a Vision: Becoming a Trainer of Trainers*. Opening Address for the Summer Institute for Trainers – An activity of the New Mexico Technology Challenge Grant awarded by the US Department of Education. Las Cruces, New Mexico.
- Norton, P. (1995). *Innovative Teaching Methods for Adult Learners: "Authentic Problem-Based Learning"*. Presentation at the Central Region Adult Basic Education Conference. (Fall, 1995). Albuquerque, NM.
- Norton, P. (1993). *Using hypermedia and the narrative to teach mathematics, K - 12*. Presentation at the Northern California Council of Teachers of Mathematics. San Francisco, CA. December, 1993.
- Norton, P. (1992, February). *Hypermedia, interactive fiction, and teaching the disciplines*. Paper presentation and a follow-up three hour workshop. Northwest Regional Conference for Computer Using Educators. Tacoma, Washington.
- Norton, P. (1992, January). *The need to create a problem-centered curriculum: environmental issues as the basis*. Paper presentation for the Southwest Regional Conference of the Association for the Education of Science Teachers. Tulsa, Oklahoma.
- Norton, P. (1991, December). *Mathematics + technology = Living in the 21st century*. Asilomar Conference for California Mathematics Educators. Asilomar, California.
- Norton, P. (1991, March). Invited Speaker. *Technological challenges and literacy expectations*. Louisiana Library Association/Literacy Forum. New Orleans, Louisiana.

- Norton, P. (1990, December). *Culture, technology, and the teaching of mathematics*. Asilomar Conference for California Mathematics Educators. Asilomar, California.
- Norton, P. and Arsenault, D. (1987, July). *Ethics, technology, and the social studies curriculum*. Paper presented at the California Symposium on Computers in Social Studies. University of California, Irvine. Irvine, California.
- Norton, P. (1986, March). *The first intergalactic congress: An ethics simulation*. Paper presented at the 6th Annual Microcomputers in Education Conference. Arizona State University, Tempe, Arizona.
- Norton, P. (1985, October). *An investigation of three software categories on elementary reading achievement*. Paper presented at the Rocky Mountain Educational Research Association Conference. Las Cruces, New Mexico.
- Norton, P. (1985, January). *The role of computers in reading*. Paper presented at the Southwest Regional Conference of the International Reading Association. Albuquerque, New Mexico.

State

- Norton, P. (2007). Design, Design: ACTS for Successful Technology Integration. Prince William County Technology Conference. Dumfries, VA.
- Norton, P., & Hathaway, D. (2007). How to Recognize Technology Integration. All day workshop for administrators. King George County Public Schools.
- Norton, P. & Smith, R. (2007, February). Teaching Online: Meet GMU's Virtual High School. Fairfax, VA: Fairfax Education Association (FEA).
- Norton, P. (2007). Strategies for Helping Teachers Integrate Technology. Leesburg, VA: Loudoun County Public Schools.
- Norton, P. (2006, June). Redesigning e-Learning: The Communities of Practice Learning Systems. Fairfax, VA: Innovations in eLearning Symposium 2005.
- Norton, P. (2006). Using Technology to Support Teaching and Learning. Workshop for Joint Meeting of Regional Lutheran Private School Faculty. Annandale, VA: Grace Lutheran School.
- Norton, P. (2007). The Online Academy: A University/School Collaborative Providing Virtual High School Courses. *Educational Technology Leadership* Conference. Roanoke, VA: Virginia Department of Education.
- Norton, P. (2006, March). *Meet The Online Academy: A Collaborative Virtual High School*. Roanoke, VA: Virginia Society for Technology Educators.

- Norton, P. (2006, March). *Virtual Mathematics Alternatives for Virginia High School Students*. Blacksburg, VA: Virginia Council for Mathematics Supervision.
- Norton, P. (2004). *Virtual Options: A Collaboration between Frederick, Loudoun, and Stafford Schools and George Mason University*. Roanoke, VA: Education Technology Leadership Conference, 2004.
- Norton, P. (1999). *Integrating Technology with Classroom Practice*. A Distance Education Video to support the Virginia State Department of Education project, The TechKnowledge Academy.
- Norton, P. (1998, April). *The forgotten technology: Using Video to support content learning*. Virginia State Association for Technology Educators. Roanoke, VA.
- Norton, P. (1996, September). *Design for Technology Integration*. Keynote Address. The New Mexico Network of Champions Conference. Sponsored by the New Mexico State Department of Education. Ruidoso, NM.
- Norton, P. (1996, April). Keynote Address for Regional Educational Technology Fiesta. Sponsored by Los Alamos National Laboratory and the New Mexico State Department of Education. Santa Fe, New Mexico.
- Norton, P. (1996, February). *What Current Learning Research Says about Designing Academic Coursework*. Paper presented at the Staff Development Conference of Albuquerque Technical-Vocational Institute. Albuquerque, New Mexico.
- Norton, P. (1995, May). *Technology and education in the future*. Alamogordo, NM: Adventures in Supercomputing Conference.
- Norton, P. (1991, September). *Planning for technology: The curriculum, the faculty, and the institution*. Full day workshop for Faculty and Administration of Dona Ana Community College. Las Cruces, New Mexico.
- Norton, P. (1991, August). *Integrating technology into the science curriculum*. A series of four workshops for the TOPS Program for Mid-School Science Teachers sponsored by The Department of Energy and Sandia Labs. Albuquerque, New Mexico.
- Norton, P., Angell, C., Ziegler, A., and Einhorn, C. (1990, September). *The future of educational technology in New Mexico*. Presentation to Joint Board of Directors, Albuquerque Public Schools, Albuquerque Technical-Vocational Institute, and the University of New Mexico. Albuquerque, New Mexico.
- Norton, P. (1987, March). *In search of a computer curriculum*. Paper presented at the New Mexico Council of Computer Using Educators Conference. Albuquerque, New Mexico.
- Norton, P. (1986, September). *Computers and the development of literacy*. Paper presented to the Albuquerque Chapter of the International Reading Association. Albuquerque, New Mexico.

- Norton, P. (1986, March). *The first intergalactic congress: An ethics simulation*. Paper presented at the New Mexico Council of Computer Using Educators Conference. Albuquerque, New Mexico.
- Norton, P. (1986, March). *Computers and reading: Research and results*. Paper presented at the New Mexico Council of Computer Using Educators. Albuquerque, New Mexico.
- Norton, P. (1985, October). *Designing an educational response to the change barons*. Paper presented at the Staff Development Conference of Albuquerque Technical-Vocational Institute. Albuquerque, New Mexico.
- Norton, P. (1985, March). *Eight imperatives for computer educators*. Paper presented at the New Mexico Council for Computer Using Educators Conference. Albuquerque, New Mexico.

Professional Service To Schools

- Norton, P. (2013, February). Using Technology Tools and New Teaching Methods in Secondary Content Classes. Trinity Christian School. Fairfax, VA: Trinity Christian School.
- Norton, P. (2007). Strategies for Helping Teachers Integrate Technology. Leesburg, VA: Loudoun County Public Schools.
- Norton, P. & Hathaway, D. (2006, February). Using WebQuests in Your Classroom. Workshop for High School Teachers. Sterling, VA: Dominion High School.
- Norton, P. & Warrick, W. (2004). Authentic Problems, Information Skills, and the Internet. Stafford, VA: Stafford County Professional Development Boot Camp.
- Norton, P. (2002). Designing Online Courses: Contents, Models, Formats. Workshop presented to teachers assigned to Prince William County's Virtual High School. Dumfries, VA.
- Norton, P. (2000). Using Technology to Create Problem-Centered Classrooms. Workshop for Teachers. Randolph Elementary School. Arlington, VA.
- Norton, P. (2000). Judge. Wakefield High School Technology Expo. Arlington, VA.
- Norton, P. (1999). Using Technology to Support Constructivist Teaching. Workshop for Teachers. Episcopal High School. Alexandria, VA.
- Norton, P. (1999). Integrating Computers in Secondary Classrooms. Workshop for Secondary Teachers. Manassas Public Schools. Manassas, VA.
- Norton, P. (1999). Integrating Computers into the Elementary Social Studies Curriculum. Workshop for Elementary Teachers. Manassas Public Schools. Manassas, VA.

- Norton, P. (1999). Managing the Four Computer Classroom. Workshop for Loudoun County School Administrators. Leesburg, VA.
- Norton, P. (1999). Train the Trainer Project. A project to train instructors for Prince William County School's Summer Technology Institute and to develop the Institute's curriculum.
- Norton, P. (1999). Extensive 15 day workshop with Loudoun County School's technology resource teachers and 44 secondary, content area teachers to support the district's initiative to place 4 computers in each district classroom.
- Norton, P. (1999, October and April, 1998, July 17, July 27, and October 10). *The forgotten technology: Using video to support content learning*. All day workshop for Prince William County Schools as part of their summer TechKNOWLEDGEy Vacation Professional Development Program. Dumfries, VA.
- Norton, P. & Sprague, D. (1997). *Using Computers in Your Classroom*. Presentation to school faculty at St. Andrew's The Apostle Catholic School, Fairfax, VA.
- Norton, P. (1995, February). *Technology and literacy development: What can you do with your classroom computers*. All day workshop for Lavaland Elementary School faculty and aides. Albuquerque, NM.
- Norton, P. (1994, November). *Literacy development and problem-solving*. Workshop for Chapter One Reading Teachers. Albuquerque Public School, Albuquerque, NM.
- Norton, P. (1991, February). *Integrating computers into the classroom curriculum: intermediate grades*. Workshop for Torreon Day School, Torreon, New Mexico.
- Norton, P. (1991, January). *Integrating computers into the classroom curriculum: primary grades*. Workshop for Torreon Day School, Torreon, New Mexico.
- Norton, P., Angell, C., Ziegler, A., and Einhorn, C. (1989, January). *Dreaming, teaming, and scheming in the professional development school*. Full day workshop conducted for the teachers of Emerson Elementary School. Albuquerque, New Mexico.
- Norton, P. (1987, August). *Integrating computers into the curriculum*. Full day workshop for elementary and secondary teachers requested by Gallup-McKinley School District. Gallup, New Mexico.

To Service Organizations

- Norton, P. (1998, March). *The forgotten technology: Using Video to support content learning*. Northern Virginia Association of Technology. Arlington, VA.
- Norton, P. (1997, October). *Thinking About Technology in Schools*. Presentation to Fairfax County Federation of Citizens Associations. Fairfax, VA.

- Norton, P. (1997, October). *Computers in the Classroom: Mere Information Resources? Or Catalysts for Fundamental Educational Reform?* Presentation to the Education Law Committee of the Washington, D. C. Bar Association. Washington, D. C.
- Norton, P. (1994, October). *Welcome to the Internet: Implications for educators.* Presentation to the Tau Beta Sorority. Albuquerque, New Mexico.
- Norton, P. (1988, November). *Rising literacy expectations in New Mexico.* Paper presented at the New Mexico Literacy Briefing sponsored by Senator Jeff Bingamon and the Population Resource Center of Washington, D. C., Albuquerque, New Mexico.
- Norton, P. (1988, April). *Encouraging children's literacy development.* Presentation to parents attending the Young Author's Conference. Albuquerque, New Mexico.
- Norton, P. (1986, May). Panel member for a discussion of literacy in New Mexico sponsored by *The Illustrated Daily* - Channel 5 (PBS).
- Norton, P. (1985, April). *Computers and the reading process.* Presentation to the Tau Beta Sorority. Albuquerque, New Mexico.

To University

George Mason University

2017	Search Committee Chair, Secondary Education, Social Studies
2015 – 2017	CEHD Curriculum Committee
2015 – 2017	PhD Committee
2014 - 2017	GSE Faculty Evaluation Committee
2011 – 2013	PhD Committee
2010 – present	Academic Program Coordinator, Learning Technologies in Schools
2010 – 2012	Co-Chair, Faculty Evaluation Committee
2010 – 2011	Co-Chair, Tenure-Track Annual Review Committee
2009 – 2011	Program Coordinator, Instructional Technology
2008 – present	Committee Member – SCHEV Outstanding Faculty Awards
2008 – present	GMU Outstanding Faculty Award Committee
2008 – 2011	GMU Distance Education Council
2008 – 2012	CEHD Ad Hoc Evaluation Committee
2008 - 2010	Search Committee - Education Leadership
2008 – 2010	Faculty Evaluation Committee, Chair (2009-2010)
2007 – 2010	Learning Technology Advisory Committee (LTAC) (SCHEV)
2007 – 2009	CEHD Curriculum Committee, Chair (2008-2009)
2007 – 2009	CEHD Curriculum Committee
2005 - 2007	Chair, Promotion and Tenure Committee
2004	Chair, Tier 1 Faculty Evaluation Review for Dr. J. Maxwell
2002 - 2004	Member - Faculty Evaluation Team; Co-Chair, 2003-04
2000	Search Committee, Multilingual/Multicultural Teacher Education
1999 - 2001	Member – Student Petitions Committee

1999 - 2000	Member, Study Committee on Learning, Preparation for SAC Accreditation
1997 - 1999	Coordinator, Secondary Education Programs
1998 – 2009	Administrator, Track 2 – Instructional Technology Certificate Program
1999	Search Committee Chair, Language Arts/English
1999	Search Committee Chair, Educational Foundations

The University of New Mexico

1996 -97	Graduate Coordinator, Mathematics, Science, Environmental, and Technology Education
1995 -96	Division Director, Division of Educational Specialties, Programs include Art Education, Special Education, and Mathematics, Science, and Technology Education.
1994-1996	College of Education Graduate Committee, Associate Chair
1993-1995	NCATE Visit Committee - Participated in design of College of Education Conceptual Framework and Knowledge Base, Elementary Education Conceptual Framework, Elementary and Secondary Graduate Conceptual Framework, and White Paper, <i>The Integrative Perspective in College of Education Programs</i> .
1993-1997	Program design and Implementation, Graduate Program for Integrating Technology in Schools. 200 enrolled during program duration.
1993-1994	Search Committee member, Position in Educational Technology
1992-1993	Search Committee member, Position in Educational Technology
1988-1992	Department of Curriculum and Instruction in Multicultural Education, Graduate Committee

Professional Memberships

Association for Supervision and Curriculum Development (ASCD)
Society for Technology and Teacher Education (SITE)
International Society for Technology Education (ISTE)
Association for the Advancement of Computing in Education (AACE)