

# Michael K. Barbour

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## ACADEMIC HISTORY

### Education

St. Francis Xavier University (Antigonish, NS)	
Undergraduate Certificate, Adult Education	2009
University of Georgia (Athens, GA)	
Ph.D., Instructional Technology	2007
Graduate Certificate, Interdisciplinary Qualitative Studies	
Graduate Certificate, University Teaching	
Memorial University (St. John's, NL)	
M.Ed., Teaching and Learning (Literacy and Technology)	2002
B.Ed., Intermediate and Secondary (Social Studies)	1998
Université de Québec à Trois Rivières (Trois Rivières, QC)	
French Immersion Program	1999
Carleton University (Ottawa, ON)	
B.A. (Hons), Political Science (minor in History)	1996

### Honours and Awards

World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education  
Outstanding Paper Award, Association for the Advancement of Computing in Education,  
2008

Games, Learning and Society Conference Teacher Scholarship, PK-16 Initiative & University of  
Wisconsin System, 2008

Second Place, Dissertation Award in Rural Education, Special Interest Group in Rural Education  
of the American Educational Research Association, 2008

Instructional Technology Ph.D. Student of the Year, Department of Educational Psychology and  
Instructional Technology, University of Georgia, 2007

ECT Foundation Cochran Intern, Association for Educational Communications and Technology,  
2006

Dissertation Completion Assistantship Award, School of Graduate Studies, University of Georgia, 2006

Virginia Macagoni QUIG Scholarship, University of Georgia, 2005

ect Foundation Mentor Endowment Scholarship, Association for Educational Communications and Technology, 2005

Honourable Mention, Graduate Student Research Poster Conference, College of Education, University of Georgia, 2005

Owen Scott Scholar, Department of Educational Psychology and Instructional Technology, University of Georgia, 2005

Dean's List, Faculty of Education, Memorial University of Newfoundland, 1997-98

## **PROFESSIONAL EXPERIENCE**

### ***Assistant Professor, Wayne State University (2007 – present)***

Responsible for teaching graduate courses in instructional technology with primary emphasis on K-12 technology integration and courses in qualitative research; advising graduate students; supervising graduate research assistants; coordinating written and oral examinations; serving on faculty committees; conducting research and development projects; and writing proposals.

### ***Educational Testing Service (2006 – present)***

Responsible for reading exams for the College Board's Advanced Placement European History.

### ***Teaching Assistant, University of Georgia, (2004 – 06)***

Responsible for teaching undergraduate courses in instructional technology with primary emphasis on K-12 technology integration and in social studies education.

### ***Research Assistant, University of Georgia (2003 – 04)***

Responsible for managing and editing the creation of constructivist-based professional development modules on a federally funded project through the Learning and Performance Support Laboratory.

### ***Electronic Teacher, Illinois Virtual High School (2001 – 04)***

Responsible for co-teaching Advanced Placement European History course in an online format.

### ***Teacher, Discovery Collegiate (1999 – 2003)***

Responsible for teaching intermediate and secondary courses in social studies, technology education, English language arts, and professional growth and development; advising students;; serving on committees; and directing extra-curricular activities.

### ***Research Assistant, Memorial University of Newfoundland (1997 – 99 & 2000 – 01)***

Responsible for conducting research into students' use of electronic communications; providing support for an electronic journal; and investigating web-based resources.

### ***Substitute Teacher, Avalon East School District & Avalon West School District (1998 – 99)***

Responsible for teaching intermediate and secondary courses.

**Courses Taught**

Term	Course #	Course	#
Winter 2010	EER8700	Advanced Qualitative Evaluation: Theory and Practice	2
	IT6230	Internet in the Classroom (online)	19
	IT8180	Readings in Instructional Technology	1
Fall 2009	EER7900	Fundamentals of Qualitative Research	20
	EER8900	Qualitative Design for School Research	8
	IT6110	Foundations of Instructional Systems Design (online)	22
Summer 2009	IT6230	Internet in the Classroom (online)	13
Winter 2009	IT6230	Internet in the Classroom	8
Fall 2008	IT6140	Designing Web Tools for the Classroom (online)	22
	IT8100	Background, Issues and Trends in Instructional Technology	9
Summer 2008	ED7999	Terminal Master's Project (co-teacher – online)	23
	IT6140	Designing Web Tools for the Classroom (online)	11
Winter 2008	IT6230	Internet in the Classroom	16
Fall 2007	IT6140	Designing Web Tools for the Classroom (online)	22
Spring 2007	EDIT6180	Instructional Development (co-teacher)	11
	EDIT6600	Multicultural Perspectives on Technology (co-teacher – online)	12
	ESOC4000	Simulations and Gaming in Social Studies (co-teacher)	18
Fall 2006	EDIT4170	Instructional Design (co-teacher)	9
	EDIT6170	Instructional Design (co-teacher)	17
	ESOC5520	Teaching Politics, Government, and Civics (co-teacher)	17
Spring 2006	EDIT2000	Introduction to Technology for Teachers	15
	ESOC2450	Initial Field Experience in Social Science Education (co-teacher)	20
	ESOC3420	Early Childhood Social Studies (co-teacher)	28
	ESOC5460	Social Science Education Student Teaching (field instructor)	2
Fall 2005	EDIT2000	Introduction to Technology for Teachers (two sections)	18 19
	ESOC2450	Initial Field Experience in Social Science Education (co-teacher)	22
	ESOC5560	Social Science Education Student Teaching Seminar (co-teacher)	21
	ESOC5460	Social Science Education Student Teaching (field instructor)	2
Summer 2005	EDIT6190	Design and Development Tools (co-teacher)	11
Spring 2005	EDIT2000	Introduction to Technology for Teachers (two sections)	18 19
	EDIT9990	Doctoral Topical Seminar (co-teacher)	13
	ESOC5460	Social Science Education Student Teaching (field instructor)	3
Fall 2004	EDIT2000	Introduction to Technology for Teachers	19
	ESOC5460	Social Science Education Student Teaching (field instructor)	3
Summer 2004	EDIT2000	Introduction to Technology for Teachers (co-teacher)	20
Spring 2004	EDIT2010	Basic Instructional Technology (teaching assistant)	20

***Wayne State University***

*ED7999: Terminal Master's Project*

This class is taken at the end of a student's coursework toward a Masters. The Masters Project should reflect the knowledge and skills that you have acquired in the Instructional Technology Program. As you select a suitable topic, you should think of how that topic will demonstrate those skills. This project is displayed at a Poster Session.

*EER7900: Fundamentals of Qualitative Research*

Fundamentals of epistemological issues, educational perspectives of qualitative research and research design. Readings in qualitative research. Conducting the case study, personal history, and cognitive study. Overview of methods for analyzing talk, text, and interaction.

*EER8700: Advanced Qualitative Evaluation: Theory and Practice*

Major paradigms of qualitative evaluation, strategies of inquiry, methods of collecting and analyzing materials, the art of interpretation. analysis of real data, including pattern coding, data displays, checklist matrices, transcription, explanation prediction within-case vs cross-case displays, ethical issues in evaluation. Computer use in qualitative evaluation.

*EER8900: Qualitative Design for School Research*

Field Placement. Integration of theory with practice for conducting, analyzing, and reporting qualitative research or evaluation in the schools.

*IT6110: Foundations of Instructional Systems Design*

Alternative systems models of instructional design; basic design principles, methods and techniques of pre-design analysis; instructional strategy selection and sequencing.

*IT6140: Designing Web Tools for the Classroom*

Design, development and evaluation of learning experiences using the World Wide Web. Student creates and evaluates learning activities using the Web; creation of personal learning portal. Basics of HTML and common authoring tools.

*IT6230: Internet in the Classroom*

Developing problem-based instruction by integrating the Internet into the curriculum and lessons. Students examine models for lesson development and investigate how the Internet may be used as a resource in those lessons.

*IT8100: Background, Issues and Trends in Instructional Technology*

History of instructional technology practice and intellectual foundations; implication for current issues. Factors likely to affect the future of the field, including contributions of key leaders. Electronic communication techniques used to explore issues with others in the field.

*IT8180: Readings in Instructional Technology*

Individually-paced course: investigation of recent research studies and theoretical essays in the field.

***University of Georgia***

*EDIT2000: Introduction to Technology for Teachers*

The computer and its educational applications for pre-service teachers. Computer-based education in the areas of instruction, text and data processing, multimedia, and telecommunications. Emphasis on integrating computer tools into class instruction.

*EDIT2010: Basic Instructional Technology*

Introduces the use of a variety of resources in teaching. Design and creation of products for learning environments using various technologies.

*EDIT4170/6170: Instructional Design*

Systematic procedures for designing, developing, evaluating, and revising instruction to meet identified goals and objectives.

*EDIT6180: Instructional Development*

Developing instructional materials for a defined context applying a learner-centered, systematic design philosophy. Working within a team environment while applying contemporary learning theories. Engaging in situational assessment, learner analysis, performance specification, test construction, strategies selection, materials design, and evaluation.

*EDIT6190: Design and Development Tools*

Students learn a variety of tools appropriate for computer-based development. These include graphics, media, and software development tools. Students are required to write a contract for the specific tools to be learned.

*EDIT6600: Multicultural Perspectives on Technology*

Investigation of the policies, motivations, and beliefs surrounding the use of technology in educational systems around the globe. Students will learn to recognize, analyze, and benefit from different perspectives on the use and meaning of technology in educational contexts.

*EDIT9990: Doctoral Topical Seminar*

This seminar is designed to allow its participants to explore the roots of the field of Instructional Technology by reading original works of the pioneers of the field from the past 80 years and interpreting the implications of these contributions for teaching and learning in the 21st Century.

*ESOC2450: Initial Field Experience in Social Science Education*

The Initial Field Experience is designed as an introduction to curriculum and instruction in secondary social studies. Students will document observations of the school context, administration, teachers, students, and resources available for instruction. In addition, students will explore questions about the nature, purpose, and practices of social studies in the modern school curriculum. Students will develop an initial rationale for teaching social studies.

*ESOC3420: Early Childhood Social Studies*

Social studies curriculum and instruction for young children; content selection, lesson and unit planning, teaching methods, materials, and evaluation strategies.

*ESOC4000 Special Problems in Social Science Education*

This course focuses on the instructional uses of role playing, simulations and games within K-12 social studies. Students will develop skills in the technique of role playing. Students will also consider the planning and implementation of traditional and computer-based simulations. Finally, traditional, computer-based, and online games will be examined as a potential tool.

*ESOC5460: Social Science Education Student Teaching*

Teaching social studies in the middle or secondary grades under supervision of school and university professional personnel.

*ESOC5520: Teaching Politics, Government, and Civics*

Rationale for and resources in political science and civic/citizenship education, the role of teachers and schools in political socialization, and teaching procedures for instruction on state and local citizenship in middle grades and high schools.

*ESOC5560: Social Science Education Student Teaching Seminar*

Offered concurrently with Student Teaching in Social Science Education, the course examines issues related to aims, persistent problems, theoretical arguments, and research findings in field experiences. The course features a technological component supporting the completion of teaching portfolios, the capstone assignment in the certification program.

**Student Supervisions**

*Doctoral Advisor*

Morrison, Jonathan.  
Shepard, Ashara.  
Siko, Jason.

*Dissertation Committee Chair*

Majeske, Paul.  
Sumara, JaCinda.  
Tousignant, Wayne.

*Dissertation Committee Membership*

Bolieu, Tim.  
Unger, Kelly.  
Verbeke, Kristi  
Vrazo, Joe.  
Gonzales, Abigail. (Brigham Young University)

Morrow, L. (2009). *An examination of the relationship between organizational factors that influence the implementation of an injury prevention program and the degree and type of innovation re-invention*. Unpublished Doctoral Dissertation. Wayne State University Detroit, MI.

Schepens, S. (2009). *The effectiveness of tailing falls prevent education for older adults*. Unpublished Doctoral Dissertation. Wayne State University Detroit, MI.

*Educational Specialist Certificate Students – Major Advisor*

5 students completed

11 students in progress

*Supervisor of Master's Project*

Vanoost, Whitney. (in progress). *Inclusion: How to be on the collaborative team*.

Kranzo, Audrey. (April 2010). *Parental involvement in K-12 online learning*.

Burks, Toyre. (July 2008). *Computers 101 for Kindertechies*.

Fisher, Ellen. (July 2008). *Technology integration in the K-8 language arts classroom*.

Fulk, Teresa. (July 2008). *MAPS-MS: Math assistance for parents and students in middle school*.

Hamdan, Fihmiya. (July 2008). *Workshop for ELL parents to learn effective and efficient computer skills*.

Hayes, Troy. (July 2008). *Supporting teacher usage of network testing in the classroom*.

Koelbel, Kevin. (July 2008). *Voicethreads: An interactive learning tool for educators and students*.

Malik, Sohnia. (July 2008). *Beneficial Blackboard*.

Nye, Justin. (July 2008). *Teacher technology training*.

Reed, Shevetta. (July 2008). *Your students' high school requirements and road to higher education*.

Saleh, Duaa. (July 2008). *A classroom outside the classroom*.

Samulski, Kathleen. (July 2008). *Virtual grade six remedial language arts class*.

Wagner, Daniel. (July 2008). *Force and motion curriculum web*.

Williams, Victor. (July 2008). *Technology tools for the 21st century classroom: Effective use of technology professional development*.

Sayen, Artimeice. (April 2008). *The writer's corner*.

Rubenstein, Adina. (December 2007). *Applications of genetics – Web resource*.

## **Curriculum Development**

Developed Michigan Online Teaching Case Studies, 2009 – 2010

Proposed a Graduate Certificate in Online Teaching for the Instructional Technology Program at Wayne State University, 2007 – 2009

Re-designed a web-based World History course for the Centre for Distance Learning and Innovation, 2005 – 2006

Designed a web-based resource for the Department of Social Science Education student teaching semester, 2004

Designed four web-based professional development courses for the Learning to Teach with Technology Studio initiative of Indiana University, 2004

Designed a multimedia AP European History course for Aventa Learning Inc., 2003 – 2004

Designed a web-based World History course for the Centre for Distance Learning and Innovation, 2003 – 2004

Designed a web-based AP European History course for the Illinois Virtual High School, 2000 – 2001

## SCHOLARLY ACTIVITIES

### Publications

#### *Books*

Barbour, M. K. & Orey, M. (Eds.). (in process). *The foundations of instructional technology*. Athens, GA: University of Georgia. Retrieved from [http://projects.coe.uga.edu/ITFoundations/index.php?title=Main\\_Page](http://projects.coe.uga.edu/ITFoundations/index.php?title=Main_Page) (Contribution 50%)

Orey, M., Amiel, T., McClendon, J. & Barbour, M. K. (Eds.). (2005). *The world almanac of educational technologies*. Athens, GA: University of Georgia. Retrieved from <http://www.waet.uga.edu/> (Contribution 10%)

Barbour, M. K., Jones, A., Rabinowitz, L., & Utz, G. (2004). *Preparing for the U.S. History AP Exam with America past and present, seventh edition: Divine/Breen/Fredrickson/Williams/Brands/Gross*. New York: Pearson Education Inc.. (Contribution 25%)

Barbour, M. K., Jones, A., & Utz, G. (2002). *Instructor's resource manual to accompany Divine, Breen, Fredrickson, Williams – America past and present, advanced placement edition*. New York: Pearson Education Inc.. (Contribution 33%)

#### *Chapters in Books*

Barbour, M. K. (accepted – July 2010). Virtual schools are more cost-effective compared to traditional, brick-and-mortar schools? In K. P. Brady (Ed.), *Technology in Schools: Debating Issues in American Education*. Thousand Oaks, CA: Sage.

Barbour, M. K. (accepted – July 2010). Teaching in virtual school and blended learning environments. In D. Polly, C. Mims, & K. Persichitte (Eds.), *Creating technology-rich teacher education programs: Key issues*. Hershey, PA: IGI Global

Barbour, M. K. & Ferdig, R. (accepted – April 2010). Online learning (virtual schools). In S. McLeod & C. Lehmann (Eds.), *What school leaders need to know about digital technologies and social media*.

- Barbour, M. K., Plough, C., & Morrison, J. (accepted – March 2010). Public values and conflicting views of online education. In C. Cavanaugh & R. Blomeyer (Eds.), *Administration and supervision of online education*. Charlotte, NC: Information Age Publishing.
- Barbour, M. K. (accepted – June 2008). Virtual schooling and K-12 online learning. In A Hirumi (Ed.), *Designing alternative environments to facilitate e-learning: A systematic approach*. Washington, DC: International Society for Technology in Education.
- Barbour, M. K., Thomas, G. B., Rauscher, D. & Rieber, L. P. (in press). Homemade PowerPoint games: Preparing the next generation of teachers to use creative design activities in the classroom. In A Hirumi (Ed.), *Digital video games for PreK-12 education: Engaging learners through interactive entertainment*. Washington, DC: International Society for Technology in Education. (Contribution 25%)
- Barbour, M. K. (in press). What's next for instructional technology: A focused field or crisis of identity. In M. K. Barbour & M. Orey (Eds.), *The foundations of instructional technology*. Athens, GA: University of Georgia. Retrieved from <http://projects.coe.uga.edu/ITFoundations/index.php?title=Future>
- Rieber, L. P., Barbour, M. K., Thomas, G. B. & Rauscher, D. (2008). Learning by designing games: Homemade PowerPoint games. In C. T. Miller (Ed.), *Games: Their purpose and potential in education* (pp. 23-42). New York: Springer Publishing. (Contribution 25%)
- Miller, C. T., Loh, C. S., Becker, K., Botturi, L., Barbour, M. K., Nettleton, K. F., Hirumi, A., Rieber, L. P., & Simpson, E. (2008). Learning by designing games: Homemade PowerPoint games. In C. T. Miller (Ed.), *Games: Their purpose and potential in education* (pp. 219-250). New York: Springer Publishing. (Contribution 10%)
- Esakin, T., Lopez Rivera, W., Rivera Ruedas, N. & Barbour, M. K. (2006). Educational Technologies in Mexico. In M. Orey, T. Amiel, J. McClendon, & M. K. Barbour (Eds.), *The world almanac of educational technologies*. Athens, GA: University of Georgia. Retrieved from <http://www.waet.uga.edu/wiki/index.php/Mexico> (Contribution 25%)
- Barbour, M. K. (2005). Educational Technologies in Canada. In M. Orey, T. Amiel, J. McClendon, & M. K. Barbour (Eds.), *The world almanac of educational technologies*. Athens, GA: University of Georgia. Retrieved from <http://www.waet.uga.edu/wiki/index.php/Canada>
- Barbour, M. K. (2002). Bridging the rural divide through distance education. In S. Mitchell (Ed.), *Effective educational partnerships: Experts, advocates, and scouts* (pp. 183-192). Westport, CT: Praeger Publishers.

**Journal Articles**

\* *peer reviewed*

\*\* *invited*

- \* Murphy, E., Rodríguez-Manzanares, M., & Barbour, M. K. (accepted– June 2010). Asynchronous and synchronous teaching and learning in high-school distance education. *British Journal of Educational Technology*. (Contribution 20%)
  
- Barbour, M. K. (in press). Researching K-12 online learning: What do we know and what should we examine? *Distance Education*, 7(2), 7-12.
  
- \* Koh, M. H., Hill, J. R., & Barbour, M. K. (in press). Strategies for instructors on how to improve online groupwork. *Journal of Educational Computing Research*, 43(2). (Contribution 20%)
  
- \* Winkelmanns, T., Anderson, B., & Barbour, M. K. (2010). Distributed learning in British Columbia: A journey from correspondence to online delivery. *Journal of Open, Flexible and Distance Learning*, 14(1), 6-28. (Contribution 25%)
  
- \* Barbour, M. K., Kinsella, J., Wicks, M., & Toker, S. (2010). Continuum of change in a virtual world: Training and retaining instructors. *Journal of Technology and Teacher Education*, 17(4), 437-457. (Contribution 75%)
  
- \* Hawkins, A., & Barbour, M. K. (2010) Trial periods and completion policies: The lay of the United States virtual school landscape. *American Journal of Distance Education*, 24(1), 5-20. (Contribution 30%)
  
- \* Barbour, M. K., Rieber, L. P., Thomas, G. B., & Rauscher, D. (2009). Homemade PowerPoint games: A constructionist alternative to WebQuests. *Tech Trends*, 53(5), 54-59. (Contribution 40%)
  
- \* Barbour, M. K. & Plough, C. (2009). Social networking in cyberschooling: Helping to make online learning less isolating. *Tech Trends*, 53(4), 56-60. (Contribution 50%)
  
- \*\* Barbour, M. K. (2009). Today's student and virtual schooling: The reality, the challenges, the promise... *Journal of Distance Learning*, 13(1), 5-25.
  
- \* Barbour, M. K., & Mulcahy, D. (2009). Student performance in virtual schooling: Looking beyond the numbers. *ERS Spectrum*, 27(1), 23-30. (Contribution 80%)
  
- \* Cavanaugh, C., Barbour, M. K., & Clark, T. (2009). Research and practice in K-12 online learning: A review of literature. *International Review of Research in Open and Distance Learning*, 10(1). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/607> (Contribution 33%)

- \* Barbour, M. K., & Reeves, T. C. (2009). The reality of virtual schools: A review of the literature. *Computers and Education*, 52(2), 402-416. (Contribution 60%)
- \* Barbour, M. K., (2008). Secondary students perceptions of web-based learning. *Quarterly Review of Distance Education*, 4(9), 357-372.
- \* Barbour, M. K., & Mulcahy, D. (2008). How are they doing? Examining student achievement in virtual schooling. *Education in Rural Australia*, 18(2), 63-74. (Contribution 80%)
- Barbour, M. K., & Evans, M. (2008). History by the minute: A representative national history or a common sense of the majority? *Canadian Social Studies*, 41(1). Retrieved from [http://www.quasar.ualberta.ca/css/Css\\_41\\_1/ARBarbourEvans\\_history\\_by\\_minute.htm](http://www.quasar.ualberta.ca/css/Css_41_1/ARBarbourEvans_history_by_minute.htm) (Contribution 75%)
- 2006 AECT Interns. (2008). Realizing leadership through service learning. *TechTrends*, 52(2), 13. (Contribution 20%)
- \*\* 2006 AECT Interns. (2007). ect Cornerstone – Following through: Representing the voice of graduate students. *TechTrends*, 51(5), 14-15. (Contribution 20%)
- \* Barbour, M. K., & Rich, P. (2007). Social constructivist e-learning: A case study. *International Electronic Journal for Leadership in Learning*, 11(5). Retrieved from <http://www.ucalgary.ca/~iejll/volume11/barbour.htm> (Contribution 75%)
- \* Cooze, M., & Barbour, M. K. (2007). Learning styles: A focus upon e-learning practices and pedagogy and their implications for successful instructional design. *Journal of Applied Educational Technology*, 4(1). Retrieved from [http://www.eduquery.com/jaet/JAET4-1\\_Cooze.pdf](http://www.eduquery.com/jaet/JAET4-1_Cooze.pdf) (Contribution 40%)
- \* Barbour, M. K. (2007). Principles of effective web-based content for secondary school students: Teacher and developer perceptions. *Journal of Distance Education*, 21(3), 93-114. Retrieved from <http://www.jofde.ca/index.php/jde/article/view/30>
- \*\* 2006 AECT Interns. (2007). ect Cornerstone: 2006 interns encourage support of ECT Foundation, *TechTrends*, 51(2), 17-18. (Contribution 20%)
- \* Barbour, M. K., Evans, M., & Ritter, J. (2007). Situating the Georgia Performance Standards in the social studies debate: An improvement for social studies classrooms or continuing the whitewash. *Journal of Social Studies Research*, 31(1), 27-33. (Contribution 40%)
- Barbour, M. K. (2007). Who's researching virtual schools: A case for instructional technologists. *Distance Learning*, 4(1), 7-12.
- Barbour, M. K. (2007). Attention graduate students: AECT done cheap. *TechTrends*, 51(1), 41-42.

2006 AECT Interns. (2007). Strengthen connections with graduate students. *TechTrends*, 51(1), 36. (Contribution 20%)

West, R. E. & Barbour, M. K. (2007). Extending the conference through BlogTracks: Reflections from the first year of a new presentation format. *TechTrends*, 51(1), 30-32. (Contribution 35%)

\* Barbour, M. K. (2007). Portrait of rural virtual schooling. *Canadian Journal of Educational Administration and Policy*, (59). Retrieved from <http://www.umanitoba.ca/publications/cjeap/articles/barbour.html>

Barbour, M. K., Thomas, A., & Ritter, J. (2006). Mentoring student teachers from a distance: An action research project. "*The Journal*" of the Wisconsin Council for the Social Studies, 6(2), 42-46. (Contribution 50%)

Barbour, M. K., & Reeves, T. C. (2006). Michael Graham Moore – A significant contributor to the field of educational technology. *Educational Technology*, 46 (6), 58-59. (Contribution 60%)

\* Barbour, M. K., & Mulcahy, D. (2006). An inquiry into retention and achievement differences in campus based and web based AP courses. *Rural Educator*, 27(3), 8-12. (Contribution 90%)

Barbour, M. K. (2005). Perceptions of effective web-based design for secondary school students: A narrative analysis of previously collected data. *The Morning Watch*, 32(3-4). Retrieved from <http://www.mun.ca/educ/faculty/mwatch/win05/Barbour.htm>

\* Barbour, M. K. (2005). From telematics to web-based: The progression of distance education in Newfoundland and Labrador. *British Journal of Educational Technology*, 36(6), 1055-1058.

\* Barbour, M. K., & Collins, M. (2005) Online writing as an indicator of student performance. *International Journal of Instructional Technology and Distance Learning*, 2(8). Retrieved from [http://www.itdl.org/Journal/Aug\\_05/article02.htm](http://www.itdl.org/Journal/Aug_05/article02.htm) (Contribution 80%)

\* Barbour, M. K. (2005). The design of web-based courses for secondary students. *Journal of Distance Learning*, 9(1). 27-36.

\* Cooze, M., & Barbour, M. K. (2005). Learning styles: A focus upon e-learning practices and pedagogy and their implications for success in secondary high school students in Newfoundland and Labrador. *Malaysian Online Journal of Instructional Technology*, 2(1). (Contribution 40%)

- \* Barbour, M. K., & Cooze, M. (2004). All for one and one for all: Designing web-based courses for students based upon individual learning styles. *Staff and Educational Development International*, 8(2/3), 95-108. (Contribution 75%)
- Barbour, M. K., & Mulcahy, D. (2004). The role of mediating teachers in Newfoundland's new model of distance education. *The Morning Watch*, 32(1). Retrieved from <http://www.mun.ca/educ/faculty/mwatch/fall4/barbourmulcahy.htm> (Contribution 60%)
- \* Barbour, M. K., & Collins, M. (2004). The effects of online writing in student performance in a second year biology course. *The Assembly on Computers in English (ACE) On-Line*, 1(1). (Contribution 80%)
- \* Glassman, M., & Barbour, M. K. (2004). E-Conferencing – An exploration into connectivity, content and community. *International Electronic Journal for Leadership in Learning*, 8(4). Retrieved from <http://www.ucalgary.ca/~iejll/volume8/barbour4.html> (Contribution 50%)
- \* Barbour, M. K., & Collins, M. (2003). Online writing as a form of electronic communication in a second year biology course. *Media and Technology for Human Resource Development: Journal of Educational Technology*, 14(1-2), 33-42. (Contribution 75%)
- Barbour, M. K., & Kinsella, J. (2003). From Newfoundland to Illinois: The development of an AP European history course for the Illinois virtual high school. *Journal of the Illinois Council for the Social Studies*, 63, 25-35. (Contribution 80%)
- \* Barbour, M. K. (2002). Bridging the home and school: A case study of one web-enabled technology. *International Electronic Journal for Leadership in Learning*, 6(11). Retrieved from <http://www.ucalgary.ca/~iejll/volume6/barbour.html>
- Barbour, M. K., & Collins, M. (2002). Electronic messaging and student achievement in second-year science classes. *The Morning Watch*, 30(1-2). Retrieved from <http://www.mun.ca/educ/faculty/mwatch/fall02/BarbourCollins.htm> (Contribution 80%)
- Barbour, M. K. (2001). Enrichment opportunities for gifted students in rural areas: Online AP social studies sources. *Ohio Council for the Social Studies Review*, 37(1), 18-26.
- Barbour, M. K. (1999). Parliament and the internet: The present and the future. *Canadian Parliamentary Review*, Autumn. Ottawa, ON: Canadian Region of the Commonwealth Parliamentary Association.
- Barbour, M. K. (1998). Evaluating online discussion forums: Usenet newsgroups and the classroom. *The Morning Watch*, 26(1-2). Retrieved from <http://www.mun.ca/educ/faculty/mwatch/fall98/Barbour.htm>

***Bulletins, Reports and Newsletter Articles***

Barbour, M. K., Kinsella, J., & Wicks, M. (2008). eCollege and IVHS: Preparing virtual school teachers. *eCollege eNewsletter*, 9(3). Retrieved from <http://www.ecollege.com/Newsletter/MainStory/MainStory-Vol9Iss3.learn> (Contribution 75%).

Barbour, M. K. (2005). Bridging the home and school: An investigation of an online gradebook. *News Links*, 20(4), 5-13.

Barbour, M. K. (2002). Online learning opportunities - The middle school challenge. *Principal's Electronic Desk*, 14 August 2002.

Harrison, G., & Barbour, M. K. (2001). Bridging the home and school: A partnership between a homeschooler and a Canadian school. *Pennsylvania Homeschoolers Association Newsletter*, Spring. Harrisburg, PA: Pennsylvania Homeschoolers Association. (Contribution 20%)

***Published Proceedings of Conference Presentations***

Unger, K. & Barbour, M. K. (2010). Web 2.0 tools for instructing in-service teachers on virtual schooling in K-12 educational settings. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications* (pp. 3939-3947). Chesapeake, VA: AACE. (Contribution 25%)

Charsky, D. & Barbour, M. K. (2010). From *Oregon Trail* to *Peacemaker*: Providing a framework for effective integration of video games into the social studies classroom. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1853-1860). Chesapeake, VA: AACE. (Contribution 20%)

Barbour, M. K. & Unger, K. (2010). The impact of the virtual schooling curriculum on preparing in-service teachers for the roles as virtual school facilitators. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2905-2912). Chesapeake, VA: AACE. (Contribution 50%)

Barbour, M.K. (2010). Perspectives on e-learning: Development and challenges of K-12 online learning. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 310-315). Chesapeake, VA: AACE.

Barbour, M. K., & Mulcahy, D. (2009). Time and responsibility: Examining the volunteer workload of school-based personnel in one distance education program. In *Proceedings of the Annual Convention of the Association for Educational Communication and Technology*. Bloomington, IN: AECT. (Contribution 40%)

- Hawkins, A. & Barbour, M. K. (2009). On measuring attrition: An examination U.S. virtual school trial period and course completion policies. In *Proceedings of the Annual Convention of the Association for Educational Communication and Technology*. Bloomington, IN: AECT. (Contribution 20%)
- Barbour, M. K., & Mulcahy, D. (2009). Beyond volunteerism and good will: Examining the commitment of school-based teachers to distance education. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (779-784). Norfolk, VA: AACE. (Contribution 90%)
- Barbour, M. K., Kromei, H., McLaren, A., Toker, S., Mani, N., & Wilson, V. (2009). Testing an assumption of the potential of homemade PowerPoint games. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (1381-1387). Norfolk, VA: AACE. (Contribution 50%)
- Barbour, M. K., Kinsella, J., & Toker, S. (2009). PowerPoint games in a secondary laptop environment. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (1373-1380). Norfolk, VA: AACE. (Contribution 70%)
- Polly, D. & Barbour, M. (2009). Developing Teachers' Technological, Pedagogical, and Content Knowledge in Mathematics. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (pp. 4128-4131). Chesapeake, VA: AACE. (Contribution 5%)
- Barbour, M. K., & Unger, K. (2009). Challenging teachers' preconceptions, misconceptions, and concerns of virtual schooling. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (785-790). Norfolk, VA: AACE. (Contribution 50%)
- Barbour, M. K., Evans, M., & Toker, S. (2009). Making sense of video games: Pre-service teachers struggle with this new medium. In I. Gibson et al. (Eds.), *Proceedings of the Annual Conference of the Society for Information Technology and Teacher Education* (1367-1372). Norfolk, VA: AACE. (Contribution 25%)
- Barbour, M. K., McLaren, A., & Zhang, L. (2008). Secondary students perceptions of web-based learning. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2486-2495). Norfolk, VA: AACE. (Contribution 80%)
- Barbour, M. K. (2008). What are they doing and how are they doing it? Rural student experiences in virtual schooling. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2496-2503). Norfolk, VA: AACE.

- Gonzales, A., & Barbour, M. K. (2008). U.S. virtual school trial period and course completion policy study. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2653-2660). Norfolk, VA: AACE. (Contribution 25%)
- Koh, M. H., & Barbour, M. K. (2008). Strategies for students and instructors how to improve online groupwork. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2858-2865). Norfolk, VA: AACE. (Contribution 20%)
- Barbour, M. K., Kinsella, J., & Rieber, L. P. (2007). PowerPoint games in a secondary laptop environment. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2328-2332). Norfolk, VA: AACE. (Contribution 80%)
- Evans, M., & Barbour, M. K. (2007). "I need a green axe": Video games and your social studies classroom. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (781-786). Norfolk, VA: AACE. (Contribution 40%)
- Evans, M., & Barbour, M. K. (2007). Making sense of video games: Pre-service teachers struggle with this new medium. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2496-2501). Norfolk, VA: AACE. (Contribution 40%)
- Barbour, M. K. (2005). Teacher and developer perceptions of effective web-based design for secondary school students. In *Proceedings of the Southeastern Conference in Instructional Design and Technology* (CD-Rom). Mobile, AL: University of South Alabama.
- Barbour, M. K., & Cooze, M. (2004). Learning styles and web-based design for secondary students. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (14-21). Norfolk, VA: AACE. (Contribution 90%)
- Barbour, M. K., & Rich, P. (2004). Social constructivist e-learning: A case study. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (1754-1759). Norfolk, VA: AACE. (Contribution 75%)
- Singleton, E., Song, L., Hill, J. R., Koh, M. H., Jones, F., & Barbour, M. K. (2004). Online learning: Perceptions of useful and challenging characteristics. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (946-950). Norfolk, VA: AACE. (Contribution 5%)

- Barbour, M. K., & Collins, M. (2004). Online writing as a form of electronic communication in a second year biology course. In *Proceedings of the Annual Convention of the Association for Educational Communication and Technology*. Bloomington, IN: AECT. (Contribution 80%)
- Barbour, M. K. (2004). Lessons on designing web-based courses for K-12 students based upon individual learning styles. In *Proceedings of the Annual Conference on Distance Teaching and Learning*. Madison, WI: University of Wisconsin-Madison.
- Barbour, M. K., & Polly, D. (2004). Both sides of the border: A snapshot of two internet-based professional development initiatives. In R. Ferdig et al. (Eds.), *Proceedings of the annual conference of the Society for Information Technology and Teacher Education* (4362-4365). Norfolk, VA: AACE. (Contribution 50%)
- Orrill, C., Barbour, M. K., Bleich, L., Sikes, C., & Calhoun, J. (2004). Teacher learning in an online, self-directed environment. In R. Ferdig et al. (Eds.), *Proceedings of the annual conference of the Society for Information Technology and Teacher Education* (2508-2510). Norfolk, VA: AACE. (Contribution 25%)
- Barbour, M. K., & Collins, M. (2003). Online writing as a form of electronic communication in a second year biology course. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (1491-1494). Norfolk, VA: AACE. (Contribution 80%)
- Barbour, M. K., & Cooze, M. (2003). Learning styles and student performance in an e-learning environment. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (871-874). Norfolk, VA: AACE. (Contribution 90%)
- Barbour, M. K., & Collins, M. (2002). Online writing as a form of electronic communication in a second year biology course. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education* (2544-2545). Norfolk, VA: AACE. (Contribution 80%)
- Collins, M., & Barbour, M. K. (2001). Some observations on student use of electronic communications. In *Proceedings of the annual International Conference on Advances in Infrastructure for E-Business, Science, and Education on the Internet* (CD-Rom). L'Aquila, Italy: Superiore G. Reiss Romoli (SSGRR). (Contribution 10%)
- Collins, M., & Barbour, M. K. (2001). Some characteristics of student use of electronic communications in second-year science classes. In C. Montgomerie & J. Viteli (Eds.), *Proceedings of the annual conference on ED-MEDIA* (309-310). Norfolk, VA: AACE. (Contribution 10%)

### **Reviews**

- \*\* Barbour, M. K. (2009). Book review of *Disrupting class: How disruptive innovation will change the way the world learns*. *Education Canada*, 49(5). Retrieved from [http://www.cea-ace.ca/media/en/Theory\\_of\\_Disruption\\_Theme09.pdf](http://www.cea-ace.ca/media/en/Theory_of_Disruption_Theme09.pdf)
- Barbour, M. K. (2006). Brief book review of *Using computers in educational and psychological research: Using information technologies to support the research process*. *Education Review*. Retrieved from <http://edrev.asu.edu/brief/dec06.html#20>
- Barbour, M. K. (2006). Book review of *Virtual schools: Planning for success*. *Quarterly Review of Distance Education*, 7(2), 215-217.
- Barbour, M. K. (2006). Book review of *Virtual schools: Planning for success and Development and management of virtual schools: Issues and trends*. *American Journal of Distance Education*, 20(2), 119-121.
- Barbour, M. K. (2006). Book review of *Development and management of virtual schools: Issues and trends*. *The International Review of Research in Open and Distance Learning*, 7(1). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/307/482>
- Barbour, M. K. (2005) Multimedia reviews of *Teaching for Thinking. The Middle Ages: The building of nations*, and *The Renaissance: Winds of change*. *World History Connected*, 3(1). Retrieved from [http://worldhistoryconnected.press.uiuc.edu/3.1/br\\_barbour.html](http://worldhistoryconnected.press.uiuc.edu/3.1/br_barbour.html)

### **Convention Papers**

- \* *peer reviewed*
- \*\* *invited*

### **International Conference Presentations**

- \* Unger, K. & Barbour, M. K. (2010, June). *Web 2.0 tools for instructing in-service teachers on virtual schooling in K-12 educational settings*. A paper presented at the conference on Educational Multimedia, Hypermedia and Telecommunications, Toronto, ON.
- \* Barbour, M. K., & Kinsella, J. (2010, May). *For love not money: Examining one virtual school's course development process*. A paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- \* Mulcahy, D., & Barbour, M. K. (2010, May). *Duck and cover: Are rural students taking basic courses to avoid taking them online?* A roundtable presented at the annual meeting of the American Educational Research Association, Denver, CO.

- \* Barbour, M. K. (2010, May). *Experiences in virtual schooling: A case study of students at one rural school*. A roundtable presented at the annual meeting of the American Educational Research Association, Denver, CO.
  - \* Hawkins, A., Graham, C., & Barbour, M. K. (2010, April). *Teacher-student interaction in a state-led virtual high school*. A paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
  - \* Marshall, J., Barbour, M. K., Adiguzel, T., Costello, R. & Wood, L. (2010, March). *Perspectives on e-learning: A symposium*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, San Diego, CA.
  - \* Charsky, D. & Barbour, M. K. (2010). *From Oregon Trail to Peacemaker: Providing a framework for effective integration of video games into the social studies classroom*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, San Diego, CA.
  - \* Barbour, M. K., & Unger, K. (2010). *The impact of the virtual schooling curriculum on preparing in-service teachers for the roles as virtual school facilitators*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, San Diego, CA.
- Barbour, M. K. (2010, March). *The impact of virtual schooling curriculum on in-service teachers preparing for the new roles in the virtual school environment*. A poster presentation to the Educational Design Research: Local Change & Global Impact – A Special Conference to Honor Professor Thomas C. Reeves Upon His Retirement from the University of Georgia, Athens, GA.
- Barbour, M. K., & Kinsella, J. (2010, March). *26 shy of 20,000 enrollments*. A poster presented at the annual International Online Conference, <http://www.internationalonlineconference.org/>
- Lowes, S., Kennedy, K., Archambault, L., & Barbour, M. K. (2009, November). *Recent research on online teaching and learning: Implications for practice*. A panel presentation at the annual Virtual School Symposium, Austin, TX.
- Bennett, J., Piontek, J., & Barbour, M. K. (2009, November). *Exploring tools of the 21st century classroom*. A presentation at the annual Virtual School Symposium, Austin, TX.
- Powell, A., Barbour, M. K., LaBonte, R., Larbalestier, M., Harris, S., Pearce, D., Baxendale, S., & Rao, S. (2009, November). *An international perspective of K-12 online learning*. A panel presentation at the annual Virtual School Symposium, Austin, TX.
- Dawley, L., Rice, K., Cavanaugh, C., & Barbour, M. K. (2009, November). *Exploring linkages between research, policy, and practice in K-12 online teacher professional development*. A panel presentation at the annual Virtual School Symposium, Austin, TX.

- Hawkins, A. & Barbour, M. K. (2009, October). *On measuring attrition: An examination U.S. virtual school trial period and course completion policies*. A reflective paper presented at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- Barbour, M. K., Kromrei, H., McLaren, A, Toker, S., Mani, N., & Wilson, V. (2009, October). *Analyzing homemade PowerPoint game questions: Testing proponents assumptions*. A reflective paper presented at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Carr-Chellman, A., Wiley, D., Barbour, M. K., Cambre, B., Sockman, B., Kowch, E., Marsh, R., & Surry, D. (2009, October). *Cyber charters: A panel discussion*. A panel discussion at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Miller, C., Botturi, L., Barbour, M. K., Nettleton, K., Rieber, L., & Simpson, E. (2009, October). *Is there a future for games in education: A panel discussion of current problems and future potentials for games*. A panel discussion at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Barbour, M. K., & Mulcahy, D. (2009, October). *Time and responsibility: Examining the volunteer workload of school-based personnel in one distance education program*. A roundtable presented at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Hawkins, A. & Barbour, M. K. (2009, October). *On measuring attrition: An examination U.S. virtual school trial period and course completion policies*. A poster presented at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Barbour, M. K., Kromrei, H., McLaren, A, Toker, S., Mani, N., & Wilson, V. (2009, October). *Analyzing homemade PowerPoint game questions: Testing proponents assumptions*. A poster presented at the annual convention of the Association for Educational Communication and Technology, Louisville, KY.
- \* Mulcahy, D., & Barbour, M. K. (2009, April). *Beyond volunteerism and good will: Examining the commitment of school-based teachers to distance education*. A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- \* Gonzales, A., & Barbour, M. K. (2009, April). *Variability in U.S. virtual school policies affecting course completion rates*. A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

- \* Mulcahy, D., & Barbour, M. K. (2009, April). *Virtual school student performance in a rural and remote jurisdiction*. A paper discussion presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- \* Barbour, M. K., McLaren, A., & Zhang, L. (2009, April). *It's not that tough: Students speak about their online learning experiences*. A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- \* Koh, M. H., & Barbour, M. K. (2009, April). *Strategies for instructors on how to improve online groupwork*. A paper discussion presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- \* Barbour, M. K., & Mulcahy, D. (2009, March). *Beyond volunteerism and good will: Examining the commitment of school-based teachers to distance education*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, Charleston, SC.
- \* Barbour, M. K., Kromei, H., McLaren, A., Toker, S., Mani, N., & Wilson, V. (2009, March). *Testing an assumption of the potential of homemade PowerPoint games*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, Charleston, SC.
- \* Barbour, M. K., Kinsella, J., & Toker, S. (2009, March). *PowerPoint games in a secondary laptop environment*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, Charleston, SC.
- \* Barbour, M. K., & Unger, K. (2009, March). *Challenging teachers' preconceptions, misconceptions, and concerns of virtual schooling*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, Charleston, SC.
- \* Barbour, M. K., Evans, M., & Toker, S. (2009, March). *Making sense of video games: Pre-service teachers struggle with this new medium*. A paper presented at the annual conference of the Society for Information Technology and Teacher Education, Charleston, SC.
- \* Barbour, M. K., McLaren, A., & Zhang, L. (2008, November). *Secondary students perceptions of web-based learning*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Las Vegas, NV.
- \* Barbour, M. K. (2008, November). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Las Vegas, NV.

- \* Gonzales, A., & Barbour, M. K. (2008, November). *U.S. virtual school trial period and course completion policy study*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Las Vegas, NV.
- \* Koh, M. H., & Barbour, M. K. (2008, November). *Strategies for students and instructors how to improve online groupwork*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Las Vegas, NV.
- Barbour, M. K., Cavanaugh, C. S., & Clark, T. (2008, October). *Research and practice in virtual schooling: A review of the literature*. A presentation at the annual Virtual School Symposium, Phoenix, AZ.
- Barbour, M. K., & Stewart, R. (2008, October). *Virtual schooling in Canada: A comprehensive review of provincial policies and activities*. A presentation at the annual Virtual School Symposium, Phoenix, AZ.
- Gonzales, A., & Barbour, M. K. (2008, October). *Trial periods and completion policies: A comparative study of virtual schools in the United States and Canada*. A presentation at the annual Virtual School Symposium, Phoenix, AZ.
- \*\* Barbour, M. K. (2008, August). *Today's student and virtual schooling: The reality, the challenges, the promise...* A keynote presented at the annual meeting of the Distance Education Association of New Zealand, Wellington.
- \*\* Barbour, M. K. (2008, August). *Basics of teaching online in a Web 2.0 world*. A workshop presented at the annual meeting of the Distance Education Association of New Zealand, Wellington.
- \* Barbour, M. K., Kinsella, J., & Rieber, L. P. (2008, March). *PowerPoint games in a secondary laptop environment*. A roundtable presented at the annual meeting of the American Educational Research Association, New York.
- \* Cavanaugh, C., Barbour, M. K., & Clark, T. (2008, March). *Research and practice in K-12 online learning: A review of literature*. A paper presented at the annual meeting of the American Educational Research Association, New York.
- \* Barbour, M. K., & Mulcahy, D. (2008, March). *Student performance in virtual schooling: Looking beyond the numbers*. A paper presented at the annual meeting of the American Educational Research Association, New York.
- Barbour, M. K. (2007, November). *What are they doing and how are they doing it?*. A paper presented at the annual Virtual School Symposium, Louisville, KY.
- \* 2006 AECT Interns. (2007, October). *Service, learning, and reflection: The AECT internship as kaleidoscope*. A concurrent paper session presented at the annual convention of the Association for Educational Communication and Technology, Anaheim, CA.

- \* Evans, M., & Barbour, M. K. (2007, October). *"I need a green axe": Video games and your social studies classroom*. A paper presentation at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Quebec City, QC.
- \* Evans, M., & Barbour, M. K. (2007, October). *Making sense of video games: Pre-service teachers struggle with this new medium*. A roundtable presentation at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Quebec City, QC.
- \* Barbour, M. K., Kinsella, J., & Rieber, L. P. (2007, October). *PowerPoint games in K-12 e-learning environments*. A paper presentation at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Quebec City, QC.
- \* Barbour, M. K., & Mulcahy, D. (2007, April). *How are they doing? Examining student achievement in virtual schooling*. A paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Barbour, M. K. (2007, January). *What are they doing? How are they doing it? Rural secondary students learning in a virtual school*. A paper presented at the annual Conference on Interdisciplinary Qualitative Studies, Athens, GA.
- Barbour, M. K. (2006, November). *Students perceptions of online learning*. A presentation at the annual Virtual School Symposium, Plano, TX.
- Barbour, M. K. (2006, November). *Lessons learned in virtual schooling: The Newfoundland experience*. A presentation at the annual Virtual School Symposium, Plano, TX.
- Barbour, M. K., & Gillis, L. B. (2006, November). *Taking it from good...to better...to best in online course design*. A presentation at the annual Virtual School Symposium, Plano, TX.
- \* Barbour, M. K. (2006, October). *Secondary students perceptions of web-based learning*. A roundtable presented at the annual convention of the Association for Educational Communication and Technology, Dallas, TX.
- \* Barbour, M. K. (2006, October). *What are they doing? How are they doing it?*. A roundtable presented at the annual convention of the Association for Educational Communication and Technology, Dallas, TX.
- \* Barbour, M. K. (2006, October). *Effective web-based design for secondary school students*. A roundtable session at the annual convention of the Association for Educational Communication and Technology, Dallas, TX.

- Lowell, N., Barbour, M. K., Harmaning, K., Worrell, P., West, R., Bolieu, T., Bloom, L., & Boling, L. (2006, October). *Blog trek: The next generation*. A blog track presentation at the annual convention of the Association for Educational Communication and Technology, Dallas, TX.
- West, R., Barbour, M. K., Domizi, D., Koh, M. H., Jones, F. S., Singleton, E. S., & Hill, J. (2006, October). *Emerging trends in the research on online learning environments*. A blog track presentation at the annual convention of the Association for Educational Communication and Technology, Dallas, TX.
- \* Barbour, M. K., & Mulcahy, D. (2006, April). *An inquiry into achievement differences in traditional and virtual high school courses*. A roundtable presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- \* Barbour, M. K. (2005, October). *Evaluation of the IVHS Course Development Process*. A presentation at the annual Virtual School Symposium, Denver, CO.
- \*\* Barbour, M. K. (2005, October). *Socratic Seminar*. An invited discussant by the International Division at the annual meeting of the Association for Educational Communication and Technology, Orlando, FL.
- \* Barbour, M. K., & Mulcahy, D. (2005, April). *An inquiry into retention and achievement differences in campus based and web based AP courses*. A roundtable presented at the annual meeting of the American Educational Research Association, Montreal, QC.
- \* Barbour, M. K., & Collins, M. (2005, April). *The effects of online writing on student performance*. A roundtable presented at the annual meeting of the American Educational Research Association, Montreal, QC.
- \* Barbour, M. K., & Cooze, M. (2004, November). *Learning styles and web-based design for secondary students*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Washington, DC.
- \* Barbour, M. K., & Rich, P. (2004, November). *Social constructivist e-learning: A case study*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Washington, DC.
- \* Singleton, E. S., Song, L., Hill, J. R., Koh, M. H., Jones, F. J., & Barbour, M. K. (2004, November). *Online learning: Perceptions of useful and challenging characteristics*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Washington, DC.
- \* Barbour, M. K., & Collins, M. (2004, October). *Online writing as a form of electronic communication in a second year biology course*. A paper presented at the annual convention of the Association for Educational Communication and Technology, Chicago, IL.

- \* Song, L., Singleton, E. S., Hill, J. R., Koh, M. H., Jones, F. S., & Barbour, M. K. (2004, October). *Online learning: Perceptions of useful and challenging characteristics*. A paper presented at the annual convention of the Association for Educational Communications and Technology, Chicago, IL.
  - \* Barbour, M. K., & Mulcahy, D. (2004, April). *The rural AP advantage*. A roundtable presented at the annual meeting of the American Educational Research Association, San Diego, CA.
  - \* Barbour, M. K., & Polly, D. (2004, March). *Both sides of the border: A snapshot of two internet-based professional development initiatives*. A paper presented at the annual Society for Information Technology and Teacher Education conference, Atlanta, GA.
  - \* Orrill, C., Barbour, M. K., Bleich, L., Sikes, C., & Calhoun, J. (2004, March). *Learning to teach with technology studio*. A paper presented at the annual Society for Information Technology and Teacher Education conference, Atlanta, GA.
  - \* Barbour, M. K., & Collins, M. (2003, November). *Online writing as a form of electronic communication in a second year biology course*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Phoenix, AZ.
  - \* Barbour, M. K., & Cooze, M. (2003, November). *Learning styles and student performance in an e-learning environment*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Phoenix, AZ.
  - \* Barbour, M. K., & Collins, M. (2002, November). *Online writing as a form of electronic communication in a second year biology course*. A paper presented at the annual World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education, Montreal, QC.
- Barbour, M. K. (2002, August). *From the rock to the outback: Musings about tele-teaching and tele-learning*. A presentation at the biennial NET\*Working conference, <http://nw2002.flexiblelearning.net.au>
- Barbour, M. K., & Kinsella, J. (2001, October). *Teaching university level courses to pre-university students in an online environment*. A paper presentation at the Bits and Bytes: The Evolution of Technology in Education conference, <http://www.stemnet.nf.ca:8900/public/bitsandbytes/index.html>
- Barbour, M. K., & Collins, M. (2001, October). *Online writing as a form of electronic communication in a second year biology course*. A paper presentation at the Bits and Bytes: The Evolution of Technology in Education conference, <http://www.stemnet.nf.ca:8900/public/bitsandbytes/index.html>

- \* Collins, M., & Barbour, M. K. (2001, July). *Some observations on student use of electronic communications*. A paper presented at the annual International Conference on Advances in Infrastructure for E-Business, Science, and Education on the Internet, L'Aquila, Italy.
- \* Collins, M., & Barbour, M. K. (2001, June). *Some characteristics of student use of electronic communications in second-year science classes*. A paper presented at the annual ED-MEDIA 2001 conference, Tampere, Finland.

### ***National Conference Presentations***

- Barbour, M. K. (2010, June). *State of the nation: K-12 online learning in Canada*. A paper presented at the annual Canadian eLearning Conference, Edmonton, AB.
- Barbour, M. K. & Unger, K. (2010, June). *Preparing K-12 teachers to support online learning*. A paper presented at the annual Canadian eLearning Conference, Edmonton, AB.
- \*\* Barbour, M. K. (2009, November). *Supporting K-12 students online: Local schools, virtual schools & teacher education*. An invited paper presented at the National Research Center on Rural Education Support's Supporting Rural Schools and Communities Research Conference, Chapel Hill, NC.
- \*\* Ashworth, G., Kirby, D., Cameron, M., Steele, C., & Barbour, M. K. (2009, May). *Academic blogs: Connecting people and ideas*. A panel presented at the annual Canadian Society for the Study of Education conference, Ottawa, ON.
- \* Barbour, M. K. & Unger, K. (2009, May). *Teachers' preconceptions of virtual schooling: Challenging myths and misconceptions*. A paper presented at the annual Canadian Society for the Study of Education conference, Ottawa, ON.
- \* Barbour, M. K. & Mulcahy, D. (2009, May). *Teacher volunteerism and good will: Local teachers to distance education responsibilities*. A paper presented at the annual Canadian Society for the Study of Education conference, Ottawa, ON.
- \* Clesson, K., Adams, M., & Barbour, M. K. (2007, October). *Game design as an educational pedagogy*. A presentation at the annual National Association of Laboratory Schools Symposium, Johnson City, TN.
- \* Kinsella, J., & Barbour, M. K. (2007, October). *PowerPoint games in a secondary laptop environment*. A presentation at the annual National Association of Laboratory Schools Symposium, Johnson City, TN.
- \* Barbour, M. K. (2006, May). *Lessons learned in virtual schooling: The Newfoundland experience*. A roundtable presented at the annual Canadian Society for the Study of Education conference, Toronto, ON.

- \* Barbour, M. K., & Cooze, M. (2003, June). *Effects of different learning styles in eLearning environments*. A paper presented at the annual Canadian Association for Distance Education conference, St. John's, NL.
- \* Barbour, M. K. (2003, June). *Tele-teaching advanced placement social studies courses in an asynchronous manner*. A paper presented at the annual Canadian Association for Distance Education conference, St. John's, NL.
- \* Cooze, M., & Barbour, M. K. (2003, June). *Usage of instant messaging as a means of community building in eLearning environments*. A paper presented at the annual Canadian Association for Distance Education conference, St. John's, NL.
- \* Barbour, M. K., & Collins, M. (2003, June). *Online writing as a form of electronic communication in a second year biology course*. A paper presented at the annual Canadian Association for Distance Education conference, St. John's, NL.
- \*\* Barbour, M. K. (2003, April). *Virtual high schools*. An electronic discussion for the Global Educators' Network of the TeleLearning Network of Centres of Excellence, [http://vu.cs.sfu.ca/vu/tlnce/cgi-bin/VG/VF\\_dspcnf.cgi?ci=230](http://vu.cs.sfu.ca/vu/tlnce/cgi-bin/VG/VF_dspcnf.cgi?ci=230)
- \*\* Barbour, M. K. (2002, September-October). *Assessing student learning in the online classroom*. An electronic discussion for the Global Educators' Network of the TeleLearning Network of Centres of Excellence, [http://vu.cs.sfu.ca/vu/tlnce/cgi-bin/VG/VF\\_dspcnf.cgi?ci=183](http://vu.cs.sfu.ca/vu/tlnce/cgi-bin/VG/VF_dspcnf.cgi?ci=183)
- \* Barbour, M. K., & Collins, M. (2001, June). *Student use of electronic communication in second year biology courses*. A paper presented at the annual Society for Teaching and Learning in Higher Education conference, St. John's, NL.

### ***Regional Conference Presentations***

- Barbour, M. K. (2010, April). *State of the nation: K12 online learning in Canada*. A presentation at the British Columbia Partners in Online Learning Conference, <http://knowevents.ca>
- Barbour, M. K. (2010, April). *Teacher education and virtual schooling*. A presentation at the British Columbia Partners in Online Learning Conference, <http://knowevents.ca>
- \* Barbour, M. K. (2005, March). *Teacher and developer perceptions of effective web-based design for secondary school students*. A paper presented at the annual Southeastern Conference in Instructional Design and Technology, Mobile, AL.
- Barbour, M. K., & Cooze, M. (2004, December). *Learning styles and student performance in an e-learning environment*. A paper presented at the annual Southern Educational Technology Conference, Fayetteville, AR.

***Provincial/State/Local Conference Presentations***

- Barbour, M. K., Unger, K., & Siko, J. (2010, March). *Supporting teachers to meet the Michigan online learning graduation requirement*. A presentation at the Michigan Association for Computer Users in Learning, Grand Rapids, MI.
- Barbour, M. K., & Unger, K. (2010, March). *Resources for assisting in the transitioning to online learning*. A presentation at the Michigan Association for Computer Users in Learning, Grand Rapids, MI.
- Stewart, R. & Barbour, M. K. (2009, March). *Library services in an online learning environment*. A paper presented at the annual meeting of the Michigan Academy of Science, Arts, & Letters, Detroit, MI.
- \*\* Barbour, M. K. (2008, May). *Virtual schooling and online learning: Michigan education in a flat world*. An invited keynote presentation to the Alliance for a Media Literate America – Michigan Caucus, Detroit, MI.
- \* Barbour, M. K., & Kinsella, J. (2008, February). *Lewis and Clark: Early explorers in virtual schooling*. A presentation at the Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>
- Evans, M., & Barbour, M. K. (2007, February). *'I need a green axe': Video gaming in social studies*. A roundtable presented at the Harvard Graduate School of Education Student Research Conference, Boston, MA.
- \* Barbour, M. K., & Kinsella, J. (2007, February). *Teaching and learning online with secondary school students*. A presentation at the Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>
- \* Barbour, M. K., & Kinsella, J. (2007, February). *PowerPoint games in the K-12 e-learning environment*. A presentation at the Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>
- Barbour, M. K. (2006, May). *Teacher and developer perceptions of effective web-based design for secondary students: Implications for Practitioners*. A poster presented at the College of Education Graduate Student Research Conference, Athens, GA.
- \* Dinkelman, T., Hawley, T. S., Coffee, C., Barbour, M. K., Ritter, J., Smith, R., Murphy, R. (2005, October). *Mentoring for a powerful vision of social studies teaching and learning*. A paper presented at the annual meeting of the Georgia Council for the Social Studies, Athens, GA.

\* Hanley, R., Kinsella, J., Barbour, M. K., Leffler, T., & Szabo, D. (2005, February). *Authentically interactive learning: Deploying virtual classroom software to impact the student experience*. A presentation at the annual Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>

\* Barbour, M. K. (2004, February). *Learning styles and student performance in an e-learning environment*. A presentation at the annual Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>

Barbour, M. K., Bleich, L., & Orrill, C. (2004, February). *LTTS: Online professional development for technology integration*. A presentation at the annual Georgia Educational Technology Conference, Macon, GA.

\* Kinsella, J., Martin, B., Szabo, J., Smith, J., & Barbour, M. K. (2003, February). *Adventures in online teaching*. A discussion presented at the annual Illinois Online Conference for Teaching and Learning, <http://www.ilonlineconf.org/>

Barbour, M. K., & Brooks, S. (2001, June). *Centre for Advanced Placement Education and the tele-teaching of AP social studies courses*. A presentation at the Hook, Line & Net conference, Grand Falls/Windsor, NL.

Barbour, M. K., & Brooks, S. (2000, June). *Centre for Advanced Placement Education on the Bonavista Peninsula*. A presentation at the Hook, Line & Net conference, Clarendville, NL.

### ***Professional Development Presentations***

Barbour, M. K. (2010, June). *Preparing to teach online: Site navigation, directions, instructions*. A presentation for the Office for Teaching and Learning's General Education Faculty Summer Institute, Wayne State University, Detroit, MI.

Archambault, L., Barbour, M. K., Cavanaugh, C., & Diamond, D. (2010, April). *Approaches for at-risk learners and online education*. A webinar presented to the International Association for K-12 Online Learning, <https://sas.illuminate.com/p.jnlp?psid=2010-04-14.1031.M.1A511EE4647931A70C1B279233282E.vcr>

Barbour, M. K., Conely, K., & Shor, F. (2010, February). *Teaching and learning with YouTube*. A brownbag discussion for the Office for Teaching and Learning, Wayne State University, Detroit, MI.

Powell, A., Barbour, M. K., LaBonte, R., Larbalestier, M., Harris, S., & Pearce, D. (2010, February). *An international perspective of K-12 online learning*. A webinar presented to the International Association for K-12 Online Learning. <https://sas.illuminate.com/p.jnlp?psid=2010...950CCB8D813.vcr>

Barbour, M. K. & Scribner, D. (2009, September). *Research committee issues brief: Examining communication and interaction in online learning*. A webinar presented to the International Association for K-12 Online Learning, <https://sas.illuminate.com/p.jnlp?psid=2009-09-09.1052.M.0BD512AD9829A5A2F8D0C4C0C3E5AE.vcr>

\*\* Barbour, M. K. (2009, June). *What's your IVHS story?* A presentation at the Illinois Virtual High School Summer Meeting, Springfield, IL.

Barbour M. K. (2009, March). *Teaching to today's student*. A presentation for the Centre for Teaching and Learning, University of Windsor, Windsor, ON.

\*\* Barbour, M. K. (2009, February). *Providing advice and remediation for virtual school students*. A presentation at the Illinois Virtual High School Winter Meeting, Normal, IL.

\*\* Barbour, M. K., & Stewart, R. (2009, January). *A snapshot state of the nation: K-12 online learning in Canada*. An invited presentation to the Canadian Institute of Distance Education Research, [http://cider.athabascau.ca/CIDERSessions/mkbarbour/AudioConvert\\_1231363643702.mp3](http://cider.athabascau.ca/CIDERSessions/mkbarbour/AudioConvert_1231363643702.mp3)

Barbour, M. K. (2009, January). *Teaching to today's student*. A presentation for the Office for Teaching and Learning Semester Start-Up, Wayne State University, Detroit, MI.

\*\* Barbour, M. K., & Stewart, R. (2008, December). *Virtual schooling in Canada: A review of provincial policies and activities*. A webinar presented to the International Association for K-12 Online Learning. <https://sas.illuminate.com/p.jnlp?psid=2008-12-10.1124.M.0A5EF1C5F6142DE7E20523CCC1435E.vcr>

\*\* Barbour, M. K. (2008, October). *Digital natives, millennials and all that crap: Examining what's real and what's....* A presentation at the Illinois Virtual High School Fall Meeting, Normal, IL.

\*\* Barbour, M. K. (2008, June). *What's going on at the other end?* A presentation at the Illinois Virtual High School Summer Meeting, Springfield, IL.

Barbour, M. K. (2008, March). *Today's student: Deciphering what's real*. A brownbag discussion for the Office for Teaching and Learning, Wayne State University, Detroit, MI.

\*\* Barbour, M. K. (2008, February). *Creating homemade PowerPoint games: A follow-up session*. A presentation at the Illinois Virtual High School Winter Meeting, Normal, IL.

Evans, M. & Barbour, M. K. (2007, October). *A little knowledge can be a useful thing: Video games and teaching social studies*. A brownbag discussion for the Division of Administrative and Organizational Studies, Wayne State University, Detroit, MI.

- \*\* Barbour, M. K. (2007, October). *Lessons learned in researching virtual schools: The Newfoundland and Labrador experience*. An invited presentation by the Canadian Institute of Distance Education Research, <http://klaatu-dev.pc.athabascau.ca/illuminate/cidersession-071005.jnlp>.
- \*\* Barbour, M. K. (2007, June). *Researching virtual schools*. A presentation at the Illinois Virtual High School Summer Meeting, Springfield, IL.
- \*\* Barbour, M. K. (2007, February). *PowerPoint games as evaluative tools*. A presentation at the Illinois Virtual High School Winter Meeting, Normal, IL.
- \*\* Kinsella, J., Antrim-Cambium, S., & Barbour, M. K. (2005, March). *Presenting an AP class via the Illinois Virtual High School*. A presentation at the Advanced Placement Conference, Chicago, IL.
- Barbour, M. K. (2003, November). *Connecting the home and school through electronic dialogue*. A presentation at the annual Newfoundland Network of Innovative Schools Forum conference, Clarendville, NL.
- \*\* Barbour, M. K. (1996, June). *Technology on the hill*. A panel presentation for the Library of Parliament Speaker's Series, Ottawa, ON.

### ***Technical Reports***

- Archambault, L., Diamond, D., Brown, R., Cavanaugh, C., Coffey, M., Floures, D., Richardson, J., & Zygouris-Coe, V. (2010). *Research committee issues brief— An exploration of at-risk learners and online education*, M. K. Barbour & D. Scribner (Eds.). Vienna, VA: International Council for K-12 Online Learning. Retrieved from [http://www.inacol.org/research/docs/iNACOL\\_CreditRecovery.pdf](http://www.inacol.org/research/docs/iNACOL_CreditRecovery.pdf) (Contribution 5%)
- Barbour, M. K. (2009). *State of the nation study: K-12 online learning in Canada*. Vienna, VA: International Council for K-12 Online Learning. Retrieved from [http://www.inacol.org/research/docs/iNACOL\\_CanadaStudy\\_200911.pdf](http://www.inacol.org/research/docs/iNACOL_CanadaStudy_200911.pdf)
- Cavanaugh, C., Barbour, M. K., Brown, R., Diamond, D., Lowes, S., Powell, A., Rose, R., Scheick, A., Scribner, D., & Van der Molan, J. (2009). *Research committee issues brief: Examining communication and interaction in online teaching*. Vienna, VA: International Council for K-12 Online Learning. Retrieved from [http://www.inacol.org/research/docs/NACOL\\_QualityTeaching-lr.pdf](http://www.inacol.org/research/docs/NACOL_QualityTeaching-lr.pdf) (Contribution 15%)
- Barbour, M. K. (2009). *Evaluation Report for the Michigan Virtual School on CareerForward*. Lansing, MI: Michigan Virtual University.

Barbour, M. K., & Stewart, R. (2008). *A snapshot state of the nation study: K-12 online learning in Canada*. Vienna, VA: North American Council for Online Learning. Retrieved from [http://inacol.org/resources/docs/NACOL\\_CanadaStudy-lr.pdf](http://inacol.org/resources/docs/NACOL_CanadaStudy-lr.pdf) (Contribution 80%)

Barbour, M. K. (2005). *Evaluation of the Illinois Virtual High School course development process*. Aurora, IL: Illinois Virtual High School. Retrieved from [http://www.imsa.edu/programs/ivhs/pdfs/course\\_development\\_eval\\_2005-10.pdf](http://www.imsa.edu/programs/ivhs/pdfs/course_development_eval_2005-10.pdf)

Barbour, M. K. (2002). *The introduction of the CDLI pilot Canadian History 1201 online course in the Vista School District*. Clarendville, NL: Vista School District.

Barbour, M. K. (2001). *Evaluation of online advanced placement courses*. Clarendville, NL: Vista School District.

### ***Unpublished Manuscripts***

Barbour, M. K. (2007). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. Unpublished Doctoral Dissertation. University of Georgia, Athens, GA.

Barbour, M. K. (2002). *The uses and value of Internet discussion groups in a post secondary environment*. Unpublished Master's Thesis. Memorial University of Newfoundland, St. John's, NL.

Barbour, M. K. (1996). *Staying the course or adjusting our compass: Term 17 and the future of education policy in Newfoundland*. Unpublished Honours Research Essay. Carleton University, Ottawa, ON.

### ***Manuscripts Submitted for Publication***

Barbour, M. K., Kinsella, J., & Rieber, L. P. (Re-submitted – June 2010). Secondary students, laptops and game design: Examining the potential of homemade PowerPoint games in a blended learning environment. *The Councilor: The Journal of the Illinois Council for the Social Studies*.

Barbour, M. K., & Unger, K. (Submitted – June 2010). K-12 online teaching case studies. In A. P. Mizell & A. A. Piña (Eds.), *Real life distance education: Case studies in research and practice*. Greenwich, CT: Information Age Publishing.

Barbour, M. K., Siko, J., Sumara, J., & Simuel-Everage, K. (Submitted – May 2010). Narratives from the online frontier: A K-12 student's experience in an online learning environment. *The Qualitative Report*

Barbour, M. K., Clesson, K., & Adams, M. (Submitted – May 2010). Game design as an educational pedagogy. *Illinois English Bulletin*.

Barbour, M. K., Siko, J., & Simuel-Everage, K. (Submitted – May 2010) Pictures from an exhibition... of online learning: A creative representation of qualitative data. *Educational Insights*.

Barbour, M. K., & Reeves, T. C. (Re-submitted – March 2009). Distance learning and virtual schooling in rural education: A review of the literature. *Rural Educator*.

### ***Manuscripts in Progress***

Barbour, M. K., & Hill, J. R. (re-submission). What are they doing and how are they doing it? Rural student experiences in virtual schooling.

Barbour, M. K. & Plough, C. (re-submission). Putting the social into online learning: Social networking in a cyber school.

Barbour, M. K., McLaren, A., & Zhang, L. (re-submission). It's not that tough: Students speak about their online learning experiences.

Evans, M. & Barbour, M. K. (re-submission). "I need a green axe": Video game knowledge and your social studies classroom.

Barbour, M. K. (re-submission). The next generation of teacher education: New skills, virtual schools, and the changing paradigm.

Charsky, D., & Barbour, M. K. (re-submission). Building the pyramids in history class: Linking historical understanding to games.

Evans, M., & Barbour, M. K. (re-submission). Where are Tyria, Cantha and Elona? Exploring the case for teacher knowledge of commercially successful video games.

Barbour, M. K. Students' perceptions of effective web-based design for secondary school students.

Barbour, M. K. Theory and distance education research: A review of the literature.

### **Grants**

#### *Research Projects*

Barbour, M. K. (2010). *Professional development for mobile technology integration*. Michigan Association for Computer Users in Learning (MACUL) Grant, \$1,500 – pending. (Contribution 90%)

Barbour, M. K. (2010). *State of the nation study: K-12 online learning in Canada*. International Council for K-12 Online Learning, **\$20,000**.

- Barbour, M. K., Lewis, D., & Wicks, M. (2010). *STEM CareerForward online*. National Science Foundation's Innovative Technology Experiences for Students and Teachers (ITEST) Scale-up Grant, \$658,132 – Unsuccessful. (Contribution 90%)
- Barbour, M. K. (2010). *Supporting K-12 Online Learning in Michigan*. Wayne State University's Office of the Provost's Educational Development Grant, \$4,997 – funded at **\$4,930**.
- Ondersma, S. J., Beeghly, M., Resko, S., Lee, S. J., & Barbour, M. K. (2010). *2010-2011 graduate research assistant competition*. Wayne State Office of the Vice President for Research – pending. (Contribution <5%)
- Barbour, M. K. (2010). *K-12 online learning curriculum for Michigan*. Wayne State University's College of Education Technology Mini-Grant, \$1947.60 – Unsuccessful.
- Barbour, M. K. (2009). *Capturing quality: Measuring the design and delivery of virtual school opportunities*. Spencer Foundation Small Grants Competition, \$39,979 – Unsuccessful.
- Barbour, M. K. (2009). *Professional development for meeting the State of Michigan's online learning requirement*. Contribution to the Teacher Quality Partnership proposal by Detroit Public Schools to the Institute for Education Sciences, United States Department of Education, \$587,696 over 5 years – pending.
- Barbour, M. K. (2009). *After-school program: Designing game artifacts*. Contribution to the Project Re-image proposal by Detroit Public Schools to the Michigan Department of Education, \$32,564 over 2 years – pending.
- Barbour, M. K. (2009). *Virtual schooling options*. Contribution to the Project Re-image proposal by Detroit Public Schools to the Michigan Department of Education, \$335,264 over 2 years – pending.
- Barbour, M. K. (2009). *Web-based K-12 online learning in Michigan scenarios*. Wayne State University's Office of the Provost's Educational Development Grant, \$4,963 – Unsuccessful.
- Barbour, M. K., & Spannaus, T. (2009). *Digital learning community in high school science*. Detroit Public School, **\$39,500**. (Contribution 10%)
- Barbour, M. K. (2009). *Web-based K-12 online learning in Michigan case studies*. Wayne State University's College of Education Technology Mini-Grant, **\$1,731**.
- Barbour, M. K. (2008). *State of the nation study: K-12 online learning in Canada*. International Council for K-12 Online Learning, \$17,147 – funded at **\$10,000**.

- Barbour, M. K., & Siko, J. (2008). *Classroom use of homemade PowerPoint games*. Michigan Association for Computer Users in Learning (MACUL) Grant, \$1,500 – Unsuccessful. (Contribution 90%)
- Barbour, M. K. (2007). *Virtual schooling in Canada: Proposal for a comprehensive review of provincial policies and activities*. North American Council for Online Learning, requested \$16,444 – funded at **\$3,153**.
- Barbour, M. K. (2007). *Game design as educational pedagogy*. Wayne State University's Office of the Vice President Research's University Research Grant, **\$10,000**.
- Barbour, M. K. (2006). *What's on the line when you're offline: Exploring effective asynchronous teaching strategies*. Social Sciences and Humanities Research Council of Canada's Post-Doctoral Fellowship, \$43,000 – Unsuccessful.
- Barbour, M. K. (2005). *Sources of student success in web-based learning*. Social Sciences and Humanities Research Council of Canada's Doctoral Fellowship, \$20,000 – Unsuccessful.
- Barbour, M. K. (2005). *Sources of student success in web-based learning*. The Spencer Foundation Dissertation Fellowships for Research Related to Education, \$20,000 – Unsuccessful.
- Rieber, L. P., Thomas, G. B., & Barbour, M. K. (2005). *Learning by design as a route to historical understanding*. National Endowment for the Humanities Grants for Teaching and Learning Resources and Curriculum Development, \$156,747 – Unsuccessful. (Contribution 5%)
- Barbour, M. K. (2004). *Rationale for research into virtual environments in secondary schools*. Social Sciences and Humanities Research Council of Canada's Doctoral Fellowship, \$20,000 per year for two years – Unsuccessful.
- Fellowships, Grants, Special Awards and Other Projects*
- Moseley, J. L., & Barbour, M. K. (2010). *Instructional Technology (IT) On Tap Learning Community*. Wayne State University's Division of Academy Affairs, requested \$3463.00 – funded at **\$2,000** . (Contribution 50%)
- Barbour, M. K., & Moseley, J. L. (2009). *WSU-MUN education student exchange program creation*. Wayne State University's Office of International Programs' Faculty Global Grants Competition, requested \$6,000 – Unsuccessful. (Contribution 80%)
- Moseley, J. L., & Barbour, M. K. (2009). *Instructional Technology (IT) On Tap Learning Community*. Wayne State University's Division of Academy Affairs, requested \$5,349 – funded at **\$1,800** (Contribution 50%)

- Barbour, M. K. (2008). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. National Rural Education Association Foundation's Edward W. Chance Memorial Rural Education Dissertation Award, \$500 – Unsuccessful.
- Barbour, M. K., & Hill, J. R. (2008). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. AECT Young Researcher Award, \$500 – Unsuccessful. (Contribution 75%)
- Barbour, M. K. (2008). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. ECT Foundation's Qualitative Inquiry Award, \$2000 – Unsuccessful.
- Barbour, M. K., Spannaus, T., & Zhang, K. (2008). *Professional development for the Texas Virtual School Network (TxVSN)*. Texas Education Agency, \$161,116 – Unsuccessful. (Contribution 50%)
- Barbour, M. K. (2008). *Nomination of Dr. Timothy Spannaus*. Wayne State University's Vice President for Research's Research Mentors Program for New Faculty, **\$2,000**.
- Barbour, M. K., & Hill, J. R. (2008). *What are they doing and how are they doing it? Rural student experiences in virtual schooling*. American Educational Research Association's Instructional Technology Special Interest Group's 2008 Young Researcher Award, \$350 – Unsuccessful. (Contribution 75%)
- Moseley, J. L., & Barbour, M. K. (2007). *Instructional Technology (IT) On Tap Learning Community*. Wayne State University's Division of Academy Affairs, requested \$5,411 – funded at **\$1,800**. (Contribution 50%)
- Williams, L., Barbour, M. K., Kelly, M., & Dawe, W. (2003). *Heritage Collegiate*. Industry Canada's Network of Innovative Schools Grant, **\$30,000** over three years. (Contribution 20%)
- Maloney, T., Barbour, M. K., & Lewis, M. (2003). *St. Mark's School*. Industry Canada's Network of Innovative Schools Grant, \$30,000 over three years – Unsuccessful. (Contribution 25%)
- Barbour, M. K., & Winsor, A. (2002) *Family support and community access project*. Newfoundland and Labrador Literacy Development Council's Early Childhood Education Program, \$51,510 – Unsuccessful. (Contribution 75%)
- Barbour, M. K., & Brooks, S. (2001). *Discovery Collegiate*. Industry Canada's Network of Innovative Schools Grant, **\$30,000** over three years. (Contribution 80%)
- Barbour, M. K., & Brooks, S. (2000). *Centre for Advanced Placement Education*. Inukshuk Fund's Content Development Project, \$12,000 – Unsuccessful. (Contribution 80%)

Barbour, M. K., & Brooks, S. (2000). *Centre for Advanced Placement Education*. Office of Learning Technologies' Community Learning Initiatives Grant, \$300,000 over three years – Unsuccessful. (Contribution 80%)

Barbour, M. K., & Brooks, S. (1999). *Centre for Advanced Placement Education*. Office of Learning Technologies' Community Learning Initiatives Pilot Grant, **\$25,000**. (Contribution 75%)

### **Evaluation Experience**

Evaluation of CareerForward for the Michigan Virtual School (2008 – 09)

Evaluation of the course development process for the Illinois Virtual High School (2004 – 05)

Evaluation of teachers' experiences with the Learning to Teach with Technology Studio web-based professional development system for the Learning and Performance Support Laboratory (2003 – 04)

Evaluation of the introduction of the Centre for Distance Learning and Innovation pilot Canadian History 1201 online course for the Vista School District (2001 – 02)

Evaluation of online advanced placement social studies program for the Vista School District (2000 – 01)

### **PROFESSIONAL AFFILIATIONS**

Since 2008                      Michigan Association for Computer Users in Learning  
International Council for K-12 Online Learning

Since 2007                      Phi Kappa Phi Honor Society  
Canadian Network for Innovation in Education

2007-2008                      North American Council for Online Learning  
Text and Academic Authors Association

Since 2005                      Distance Education Association of New Zealand  
Canadian Association for Teacher Education

Since 2004                      American Educational Research Association  
Rural Education SIG and Instructional Technology SIG  
Association of Educational Communications and Technology

2005 – 2010                      National Council for the Social Studies  
College and University Faculty Assembly

2004 – 2005                      Canadian Association for Educational Psychology

2003 – 2007	Canadian Association for Distance Education
Since 2001	Association for the Advancement of Computing in Education
1997 – 2000	Canadian Political Science Association
Since 1996	Canadian Society for the Study of Education
1996 – 2007	Canadian Committee of Graduate Students in Education
1996 – 2004	Canadian Association of Foundations of Education History Division
1996 – 2001	Canadian Study of Parliament Group

## **PROFESSIONAL SERVICE**

### **Editorship or Editorial Board Member of Journals**

#### ***Review Panel***

2006 – present	<i>British Journal of Educational Technology</i>
2003 – 2007	<i>World History Connected</i>

#### ***Reviewer***

2010 – present	<i>Frontiers in Educational Psychology</i> <i>International Review of Research in Open and Distance Learning</i>
2008 – present	<i>International Journal of Gaming and Computer-Mediated Simulations</i>
2007 – 2008	<i>Journal of Research in Rural Education</i>
2004 – present	<i>International Journal of E-Learning</i>

#### ***Occasional Reviewer***

2009	<i>Journal of Information Systems Education</i>
2008	<i>Computers and Education</i>
2006	<i>American Educational Research Journal</i> , Teaching, Learning, and Human Development section

***Webmaster***

2003 – 2004      *Small Schools Newsletter*

1997              *The Morning Watch*

**Wayne State University**

2009 – present      Coordinator, Graduate Certificate in Online Teaching

2009              Speaker, New Faculty Orientation

2008              Volunteer interviewer, Scholars Day, Honors Program

***College of Education***

2008 – 2010      Member, Search Committee – Instructional Technology Program

2008 – 2009      Member, Search Committee – Social Studies Education Program

2008              Speaker, Student Technology Day

2007              Presenter, Faculty Assembly Research and Policy Colloquium

**University of Windsor**

2009              Session Chair & Poster Judge, Third Annual Conference on Teaching and Learning

**University of Georgia*****College of Education***

2005              Creation of e-portfolio template for English Education Program

2004 – 2005      Creation of e-portfolio resource for Office of Instructional Technology

***Department of Educational Psychology and Instructional Technology***

2006 – 2007      Chair of the ad hoc Committee on the Graduate Student Lounge  
Past President, Graduate Researchers in Educational Psychology and Instructional Technology

2005 – 2006      President, Graduate Researchers in Educational Psychology and Instructional Technology  
Past President, Instructional Technology Student Association

- 2005 Student member of the Space Committee
- 2004 – 2007 Studio Comprehensive Exam Panellist, Instructional Technology program
- 2004 – 2006 Student member of the Executive Committee
- 2004 – 2005 President, Instructional Technology Student Association  
Student member of the Merger Committee
- 2004 Student member of the Carnegie Initiative on the Doctorate Student Leadership Task Force  
Student member of the Carnegie Initiative on the Doctorate Bridging the Gap Seminar Committee  
Instructional Technology Representative, Graduate Student Association
- 2003 – 2004 Vice-President, Instructional Technology Student Association

### **Memorial University of Newfoundland**

#### ***Faculty of Education***

- 2002 – 2004 Technical consultant for the Virtual Instructional Training for the Advancement of Literacy (VITAL)
- 2000 – 2004 Technical advisor for the Alternative Literacy Training for the Enhancement of Re-instruction (ALTER)

### **Carleton University**

#### ***Department of Political Science***

- 1994 – 1996 Political Science representative for the New University Government  
Chair of the Volunteer on the “Hill” program

### **Discovery Collegiate**

- 2000 – 2003 Lead researcher for the Connecting the Home and School through Electronic Dialogue (CHASED) research initiative
- 1999 – 2003 Director of the Centre for Advanced Placement Education

**Professional Associations***American Education Research Association*

- 2008                      Conference Presentation Proposal Reviewer, Technology as an Agent of Change in Teaching and Learning and Computer & Internet Applications in Education Special Interest Groups
- 2006 – 2007              Conference Presentation Proposal Reviewer, Research in Social Studies Special Interest Group
- 2006                      Convention Discussant, Instructional Technology Special Interest Group
- 2005 – present            Webmaster, Rural Education Special Interest Group
- 2004 – 2007              Graduate Student Representative, Rural Education Special Interest Group
- 2004 – 2008              Conference Presentation Proposal Reviewer, Instructional Technology and Rural Education Special Interest Groups

*Association for the Advancement of Computing in Education*

- 2010                      Conference Volunteer, ED-Media conference
- 2007 – present            Member of the Program Committee, ED-Media conference
- 2005 – present            Member of the Program Committee, e-Learn conference
- 2004 – 2006              Conference Presentation Proposal Reviewer, ED-Media conference
- 2004 – 2005  
2007 – 2008              Conference Volunteer, E-Learn conference
- 2004                      Conference Presentation Proposal Reviewer, e-Learn conference

*Association of Educational Communications and Technology*

- 2009 – present            Member of the Michigan Chapter
- 2005  
2008 – present            Conference Presentation Proposal Reviewer, Teacher Education Division
- 2005 – 2006  
2008                      Conference Presentation Proposal Reviewer, Distance Learning Division

- 2007 – 2008      Web Author, *AECT Now* website  
Web Administrator, *Internal Affairs* and *The Program* websites
- 2006 – 2008      Member of the Electronic Services Committee
- 2006              Convention Facilitator, Distance Learning Division
- 2005 – 2007      Member-at-Large, Distance Learning Division
- 2005 – 2006      Webmaster, “The Program” – Graduate Students’ Blog  
Conference Presentation Proposal Reviewer, Distance Learning Division
- 2005              Advisor on Graduate Student Special Interest Group  
Chair, Graduate Student Lounge Program Committee
- 2004              Convention Volunteer
- Canadian Association of Distance Education*
- 2006              Adjudicator in the Awards of Excellence
- Canadian Society for the Study of Education*
- 2006 – 2007      Conference Presentation Proposal Reviewer, Canadian Association for  
Teacher Education constituent association and Canadian  
Committee of Graduate Students in Education
- 2005 – 2006      Member of the Mentorship Award Nomination Committee, Canadian  
Committee of Students in Education
- 1996              Student Representative, Canadian Committee of Students in Education,  
Carleton University
- IEEE Computer Society*
- 2007 – 2008      Review Committee member for IEEE International Conference on  
Advanced Learning Technologies
- North American Council for Online Learning / International Council for K-12 Online Learning*
- 2009              Chair, Virtual School Symposium Overlay Sub-Committee
- 2008 – 2009      Co-chair, Research Committee
- 2008 – 2009      Member, Mid-West Committee

- 2008 Co-ordinator, Virtual School Symposium Overlay
- 2007 – present Member, Research Committee
- Society for Information Technology & Teacher Education*
- 2009 – present Chair, Virtual School Special Interest Group
- 2006 – present Member of the Program Committee, annual conference
- 2005 & 2010 Volunteer, annual conference
- 2004 – present Presentation Proposal Reviewer, annual conference

### **Professional Activities**

- 2010 External Consultant to AlphaPlus Center.
- 2009 Member, ITEST Review Panel, National Science Foundation
- 2007 – 2008 Lesson Plan Writer for *Lost over Burma: Searching for closure*, National Film Board
- Chapter Reviewer, *Handbook of research on effective electronic gaming in education*
- 2006 Chapter Reviewer, *Student plagiarism in an online world: Cases and solutions*
- 2005 – 2006 External Consultant to JUMP Tutoring (Toronto, ON)
- 2004 Chapter Reviewer, *Self, peer, and group assessment in e-learning*

### **Community Service**

- 2007 Judge, Coile Middle School's Social Studies Fair
- 2004 – 2005 Director of marketing, University of Georgia (UGA) Ice Dogs – Non-varsity ice hockey team
- 2003 Trainer/assistant coach, UGA Ice Dogs – Club ice hockey team
- 2003 Co-ordinator, Hockey Newfoundland and Labrador Provincial Female "C" Tournament

