

JIM HEWITT

CURRICULUM VITAE

ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
UNIVERSITY OF TORONTO

A. Basic Data

Name: Jim Hewitt
Rank: Associate Professor.
Status: Tenure Stream
Member of Graduate Faculty: Associate Member

Residence Address:

567 Broadway Avenue, Toronto, Ontario. M4G 2S2.

Institutional Address:

Department of Curriculum, Teaching and Learning
Ontario Institute for Studies in Education, University of Toronto
252 Bloor Street West,
Toronto, Ontario, Canada.
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B. Degrees and Certificates

Doctor of Philosophy

Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education,
The University of Toronto, Toronto Ontario, Spring 1996.
Supervisor: Dr. Marlene Scardamalia
Doctoral Dissertation: Progress Toward a Knowledge-Building Community.

Master of Education

Computer Applications in Education.

Department of Measurement, Evaluation and Computer Applications,
Ontario Institute for Studies in Education,
The University of Toronto, Toronto Ontario, Spring 1990.

Bachelor of Education

Althouse College,
The University of Western Ontario, London Ontario, Spring 1986.
Dean's Honor List.

Bachelor of Mathematics

The University of Waterloo, Waterloo Ontario, Spring 1986.
Double Honors: Computer Science and Mathematics Teaching.

Ontario Teacher's Certificate

Althouse College,
The University of Western Ontario, Spring 1986.
Mathematics and Computer Science specialties,
Intermediate/Senior level.

C. Employment History

Date: 2011 to present
Role: Program Coordinator, Master of Teaching Program
Department: Curriculum, Teaching and Learning
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 2010 to present
Role: Associate Chair, Research,
Department: Curriculum, Teaching and Learning
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 2003 to present
Rank: Associate Professor
Department: Curriculum, Teaching and Learning
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 1998 to 2003
Rank: Assistant Professor
Department: Curriculum, Teaching and Learning
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 1999 to 2004
Role: Co-ordinator of the Central Teacher Education Option (Primary-Junior)
60 preservice students, 8 instructors, 12 practice teaching schools
Department: Curriculum, Teaching and Learning
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 1996 to 1998
Rank: TeleLearning Network of Centres of Excellence: Classroom Researcher and Systems Developer
Department: CSILE Project
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 1989 to 1996
Rank: Advanced Educational Computing Analyst: Science Education Specialist
Department: CSILE Project
Institution: Ontario Institute for Studies in Education, University of Toronto

Date: 1991 to 1992
Rank: Apple Educational Consultant
Department: Research and Development
Institution: Apple Computer

Date: 1988 to 1990
Rank: Educational Computing Consultant
Department: Althouse College
Institution: University of Western Ontario, London Ontario

Date: 1986 to 1988
Rank: Systems Analyst
Institution: Groupware Corporation

Date: 1980 to 1985
Institution: Co-op Placements, University of Waterloo.
Placement: Math and Computer Science Teacher, Downsview Secondary School, Toronto, Ontario.
Placement: Math and Computer Science Teacher, Thomas A. Stewart Secondary School, Peterborough, Ontario.
Placement: System's Analyst, Scarborough Board of Education, Toronto, Ontario.
Placement: Math and Computer Science Teacher, North Grenville District High School, Kemptville, Ontario.
Placement: System's Analyst, Camco, Hamilton, Ontario (double placement).
Placement: System's Analyst, Algoma Steel, Sault Ste. Marie, Ontario (double placement).

D. Publications

Career Totals:

Books 1

Articles in Refereed Journals:	18+1 in press
Chapters in Books:	7
Papers in Refereed Conference Proceedings:	26
Papers in Non-Refereed Journals:	2
Book Reviews	2
Technical Writings and Reports:	11
Conference Presentations:	95
Workshop Presentations:	11

Books

Hewitt, J. & DeCoito, I. (2004). *OISE Papers in Educational Technologies*. Toronto: University of Toronto Press.

Articles in Refereed Journals

Qiu, M., Hewitt, J., & Brett, C. (2014). Influence of group configuration on online discourse writing. *Computers & Education*, *71*, 1-14.

Oztok, M., Wilton, L., Lee, K., Zingaro, D., MacKinnon, K., Makos, A., Phirangee, K., Harwood, C., Brett, C., & Hewitt, J. (2014). Polysynchronous dialogic construction of time in online learning, *E-Learning and Digital Media*, *11*(2), 154-161.

Oztok, M., Zingaro, D., Brett, C., & Hewitt, J. (2013). Exploring asynchronous and synchronous tool use in online courses. *Computers & Education*, *60*(1), 87-94.

Qiu, M., Hewitt, J., & Brett, C. (2012). Online class size, note reading, note writing and collaborative discourse. *Computer-Supported Collaborative Learning* (2012) 7:423–442

Asbell-Clarke, J., Edwards, T., Rowe, E., Larsen, J., Sylvan, E., & Hewitt, J. (2012). Martian Boneyards: Scientific Inquiry in an MMO Game. *International Journal of Game-Based Learning*, *2*(1), 52-76.

Peters, V., & Hewitt, J. (2010). An investigation of student practices in asynchronous computer conferencing courses. *Computers & Education*, *54*, 951-961.

- Bencze, L., Hewitt, J., & Pedretti, E. (2009). Personalizing and contextualizing multimedia case methods in university-based teacher education: An important modification for promoting technological design in school science. *Research in Science Education*, 39(1), 93-109.
- Pedretti, E., Bencze, L., Hewitt, J., Romkey, L., & Jivraj, A. (2008). Promoting issues-based STSE perspectives in science teacher education: Problems of identity and ideology. *Science & Education*, 17(8/9), 941-960.
- Hewitt, J., Brett, C. & Peters, V. (2007). Scan Rate: A new metric for the analysis of reading behaviors in asynchronous computer conferencing environments. *American Journal of Distance Education*, 21(4), 1-17.
- Hewitt, J., & Brett, C. (2007). The relationship between class size and online activity patterns in asynchronous computer conferencing environments. *Computers & Education*, 49, 1258-1271.
- Yoon, S., Pedretti, E., Bencze, L., Hewitt, J., Perris, K. & R. van Oostveen (2006). Exploring the use of cases and case methods in influencing elementary pre-service science teachers' self-efficacy beliefs. *Journal of Science Teacher Education*, 17(1), 15-35.
- Hewitt, J. (2005). Toward an understanding of how threads die in asynchronous computer conferences. *Journal of the Learning Sciences*, 14(4), 567-589.
- Hewitt, J., Pedretti, E., Bencze, L., Vaillancourt, B.D., & Yoon, S. (2003). New applications for multimedia cases: Promoting reflective practice in pre-service teacher education. *Journal of Technology and Teacher Education* 11(4), 483-500.
- Hewitt, J. (2003). How habitual online practices affect the development of asynchronous discussion threads. *Journal of Educational Computing Research*, 28(1), 31-45.
- Bencze, L., Hewitt, J., Pedretti, E., Yoon, S., Perris, K. & Van Oostveen, R. (2003). Science-specialist student teachers consider promoting technological design projects: Contributions of multi-media case methods. *Research in Science Education*, 33, 163-187.
- Hewitt, J., Reeve, R., Abeygunawardena, H., & Vaillancourt, B.D. (2002). Pre-service teachers as telementors: Exploring the links between theory and practice. *Journal of Information Technology for Teacher Education*, 11(1), 7-22.
- Carr, M., Hewitt, J., Scardamalia, M. & Reznick, R. (2002). Internet-based otolaryngology case discussions for medical students. *Journal of Otolaryngology*, 31(4), 197-201.

Bencze, L., Hewitt, J. & Pedretti, E. (2001). Multi-media cases in pre-service science education: An apprenticeship for praxis. *Research in Science Education*, 31, 191-209.

Hewitt, J. (2001). Beyond threaded discourse. *International Journal of Educational Telecommunications*, 7(3), 207-221.

Hewitt, J. & Scardamalia, M. (1998). Design principles for the support of distributed processes. *Educational Psychology Review*, 10(1), 75-96.

Bereiter, C., Scardamalia, M., Cassells, C., & Hewitt, J. (1997). Postmodernism and elementary science. *Elementary School Journal*. (97) 4, 329-340.

Chapters in books

Hewitt, J. (in press). E-Learning. *Encyclopedia of Science*. Springer.

Phirangee, K. & Hewitt, J. (in press). “Great Idea!!! ☺:” Exploring How Students Express Emotion in an Online Learning Environment Through Nonverbal and Verbal Cues. In S. Tettegah & R. Ferdig (Eds). *Emotions and Technology: Communication of Feelings For, With and Through Digital Media*.

Hewitt J (2005). Instructional technologies, technocentrism, and science education. In S. Alsop, L. Bencze, & E. Pedretti (Eds.), *Analysing exemplary science teaching: Theoretical lenses and a spectrum of possibilities for practice* (pp. 160-170). Buckingham: Open University Press.

Hewitt, J. (2004). Editorial. In J. Hewitt & I. DeCoito (Eds.) *OISE Papers in Educational Technologies* (pp. 1-2). Toronto: University of Toronto Press.

Young, L., Hardman, W., Hewitt, J. & Messina, R. (2004). A comparative analysis of face-to-face mentoring and real-time telementoring. In J. Hewitt & I. DeCoito (Eds.) *OISE Papers in Educational Technologies* (pp. 155-163). Toronto: University of Toronto Press.

Hewitt J (2004). An exploration of community in a Knowledge Forum classroom: An activity system analysis. In S. Barab, R. Kling & J. Gray (Eds.) *Designing virtual communities in the service of learning* (pp. 210-238). Cambridge MA: Cambridge University Press.

Hewitt, J. (2002). From a focus on tasks to a focus on understanding: The cultural transformation of a Toronto classroom. In T. Koschmann, R. Hall, & N. Miyake (Eds.) *Computer Supported Cooperative Learning Volume 2: Carrying*

forward the conversation (pp. 11-41). Mahwah, New Jersey: Lawrence Erlbaum Associates.

Hewitt, J. (2002). Striking a balance between a task focus and an understanding focus. Response to commentary by Collins. In T. Koschmann, R. Hall, & N. Miyake (Eds.) *Computer Supported Cooperative Learning Volume 2: Carrying forward the conversation (pp. 49-53)*. Mahwah, New Jersey: Lawrence Erlbaum Associates.

Scardamalia, M., Bereiter, C., Hewitt, J., & Webb, J. (1996). Constructive learning from texts in biology. In K.M. Fischer, & M. Kirby (Eds.), *Relations and biology learning: The acquisition and use of knowledge structures in biology (pp. 44-64)*. Berlin: Springer-Verlag.

Papers in Preparation

Hewitt, J., (in preparation). *The relationship between teacher and student practices in seminar-based, asynchronous computer conferencing courses*. Paper to be submitted to the Journal of Computer Assisted Learning.

Hewitt, J., (in preparation). *An Analysis of the Use of Academic Vocabulary in Educational Online Communities*. Paper to be submitted to the British Journal of Educational Technology.

Papers in Refereed Conference Proceedings

Hewitt, J., Brett, C., & MacKinnon (2013). A Study of Private Messaging Within an Asynchronous Discussion Environment. In N. Rummel, M. Kapur, M. Nathan & S. Puntambekar (eds.) *To See the World and a Grain of Sand: Learning across Levels of Space, Time and Scale: CSCL 2013 Conference Proceedings*. (Vol. 2, pp. 46-49). International Society of the Learning Sciences: Sydney, NSW, Australia.

Zingaro, D., Oztok, M., & Hewitt, J. (2012). Synthesizing quantitative predictors for interaction in an asynchronous online course. In J. van Aalst, K. Thompson, M. Jacobson, & P. Reinmann (eds.) *The Future of Learning: Proceedings of the 10th International Conference of the Learning Sciences (ICLS 2012)*. (Vol. 2, pp. 485-486). International Society of the Learning Sciences: Sydney, NSW, Australia.

Hewitt, J., & Brett, C. (2011). Engaging Learners in the Identification of Key Ideas in Complex Online Discussions. In H. Spada, G. Stahl, N. Miyake, & N. Law (Eds.) *Proceedings of the Computer-Supported Collaborative Learning Conference (pp. 960-961)*, Hong Kong, July 4-8.

- Hewitt, J., & Woodruff, E. (2010). Knowledge eCommons: Merging Computer Conferencing and Wikis. *Proceedings of the International Conference of the Learning Sciences*, Chicago IL, June 28-29.
- Fakhraie, N., & Hewitt, J. (2010). Facilitating social interaction in online learning environments: New tools and approaches. *Proceedings of the ED-MEDIA 2010-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, June 29-July 2, 2010, Toronto, Canada. CD ROM
- Qiu, M., & Hewitt, J. (2007). Different group configurations and different reading and writing activities in online graduate courses. *Proceedings of the E-Learn 2007 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education*, October 15-19, 2007, Quebec, Canada.
- MacKinnon, K., Hewitt, J., Black, A., Brennan, J., Grace, S., Lennie, S., Mann, K., Missaghian, R., Paradine, A. & Patton, K. (2010). Using lesson study to guide the development of technological pedagogical content knowledge among teacher candidates. Paper presented at the annual ED-MEDIA World Conference on Educational Multimedia, Hypermedia & Telecommunications, Toronto, Canada, June 28-July 2, 2010.
- Qiu, M., & Hewitt, J. (2007). Different group configurations and different reading and writing activities in online graduate courses. *Proceedings of the E-Learn 2007 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education*, October 15-19, 2007, Quebec, Canada.
- Hewitt, J. & Peters, V. (2007). The relationship between student interaction and message readability in asynchronous online discussions. In C. Chinn, G. Erkens & S. Puntambekar (Eds.), *Proceedings of the Computer Supported Collaborative Learning (CSCL) Conference, Volume 8* (289-291). International Society of the Learning Sciences.
- Peters, V., & Hewitt, J. (2007). Student competition in computer-mediated conferencing courses. In C. Chinn, G. Erkens & S. Puntambekar (Eds.), *Proceedings of the Computer Supported Collaborative Learning (CSCL) Conference, Volume 8* (589-591). International Society of the Learning Sciences.
- Peters, V., & Hewitt, J. (2006). Students perspectives of competition in asynchronous computer-mediated conferencing. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 445-459). Chesapeake, VA: AACE.
- Peters, V., & Hewitt, J. (2006). Collaboration in computer-mediated conferencing courses. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference*

on Educational Multimedia, Hypermedia and Telecommunications 2006 (pp. 441-444). Chesapeake, VA: AACE.

Hewitt, J., & Peters, V. (2006). Using wikis to support knowledge building in a graduate education course. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 2200-2204). Chesapeake, VA: AACE.

Robertson, O., Peters, V., & Hewitt, J. (2006). To group or not to group: A question for distance learning. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 460-467). Chesapeake, VA: AACE.

Peters, V., Hewitt, J. & Brett, C. (2006). Competition and Collaboration in a Computer-Mediated Teacher Education Course. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 487-501). Chesapeake, VA: AACE.

Hewitt, J., Peters, V., & Brett, C. (2006). Using wiki technologies as an adjunct to computer conferencing in a graduate teacher education course. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 2240-2243). Chesapeake, VA: AACE.

Bencze, L., Hewitt, J., Pedretti, E., Wallace, J., Bellomo, K. & Philip, D. (2006). Student-teachers' tendencies to conceal their preferences when teaching contradictory views about science. Proceedings of the annual conference of the *National Association for Research in Science Teaching*, San Francisco, California, April 3-6, 2006, CD ROM.

Peters, V., & Hewitt, J. (2005, June). Students perspectives of competition in asynchronous computer-mediated conferencing. *Proceedings of the ED-MEDIA 2005-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, June 27-July 2, 2005, Montreal, Canada. CD ROM, 778-785.

Pedretti, E., Bencze, L., Hewitt, J., Romkey, L. (2005). Resistance and renewal: Promoting STSE perspectives in physics teacher education through multimedia cases. *Proceedings of the ED-MEDIA 2005-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, June 27-July 2, 2005, Montreal, Canada. CD ROM, 4492-4496.

Qiu, M. & Hewitt, J. (2005, June). Integrating computer-based multimedia instructional design into teaching international English phonetic symbols. *Proceedings of the ED-MEDIA 2005-World Conference on Educational Multimedia, Hypermedia*

& *Telecommunications*, June 27-July 2, 2005, Montreal, Canada. CD ROM, 4365-4372.

Hewitt, J. (2004). Telementoring through video notes. *Proceedings of the ED-MEDIA 2004-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, June 21-26, 2004, Lugano, Switzerland. CD ROM.

Pedretti, E., Bencze, L., Hewitt, J., Jiwani, A. & Romkey, L. (2004). The promise of multi-media case methods: Promoting Science, Technology, Society and Environment (STSE) perspectives in science teacher education. *Proceedings of the ED-MEDIA 2004-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, June 21-26, 2004, Lugano, Switzerland. CD ROM.

Hewitt, J., Pedretti, E., Bencze, L., Jiwani, A. & van Oostveen, R. (2004). Contextualizing and promoting Science, Technology, Society and Environment (STSE) perspectives through multi-media case methods in science teacher education. In D. B. Zandvliet (Ed.), *Proceedings of the annual conference of the National Association for Research in Science Teaching*, Vancouver, BC. CD ROM.

Hewitt, J. (2002). A comparison of audio-based telementoring and email-based telementoring. *Proceedings of the Fifth International Conference of the Learning Sciences*, Seattle Washington, October 23-26.

Bencze, L., Hewitt, J. & Pedretti, E. (2002). The niche concept in curriculum and professional development in science teacher education: Collaboration or individualization? *Proceedings of the Fourth International Conference on Self-Study of Teacher Education Practices, Volume 1*, East Sussex, England, August 4-8, 32-36.

Hewitt, J. (2002). Teacher Candidate Perceptions of Telementoring in Knowledge Forum. *Proceedings of the Computer Supported Collaborative Learning Conference*, Boulder Colorado, January 7-11, 664-665.

Kali, Y., Bos, N., Linn, M. & Hewitt, J. (2002). Design principles for educational software. *Proceedings of the Computer Supported Collaborative Learning Conference*, Boulder Colorado, January 7-11, 679-680.

Hewitt, J. & Teplovs, C. (1999). An analysis of growth patterns in computer conferencing threads. *Proceedings of the Computer Supported Collaborative Learning Conference*, Palo Alto, California, December 12-15, 232-241.

Hewitt, J. & Webb, J. (1999). Collaborative Knowledge-Building in a Grade 5-6 Classroom. *Proceedings of the TeleLearning NCE Conference, 1999*, Montreal,

PQ, November 6-9. Online:
<http://telelearn.harbour.com/conference99/index.html>.

Papers in Non-Refereed Journals

Hewitt, J (2001). Successes, failures, future role: Computers in the classroom. *Orbit* 31(3), 33-36.

Bencze, L. & Hewitt, J (2001). Science, mathematics and technology resources on the world wide web. *Orbit* 31(3), 36-37.

Book Reviews

Hewitt, J. (2008). Reviewing the Handbook of Technological Pedagogical Content Knowledge (TPCK) for Educators. *Canadian Journal of Science, Mathematics and Technology Education* 8(4), 355-360.

Hewitt, J (2005). Computers as supports for argumentation: Possibilities and challenges. *Canadian Journal of Science, Mathematics and Technology Education* 5(2), 97-101.

Technical Writings and Reports

Hewitt, J. (2007). *An analysis of new models of telementoring*. SSHRC Standard Research Grant Final Report.

Hewitt, J.,(2007). Professional development videos for moving beyond best practice: SSHRC INE Public Outreach Grant Final Report.

Hewitt, J. (2002). A Study of Telementoring as a Support for Open-ended Science Investigations in Elementary Classrooms. Research Report for the Imperial Oil Centre for Studies in Science, Mathematics and Technology Education.

Bencze, L., Pedretti, E., & Hewitt, J. (2001). *Transfer grant progress report: Case methods in science and technology teacher education*. (Report to the Ontario Ministry of Education), Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education, University of Toronto.

Folk, S. Jordan, A., Earl, L. & Hewitt, J. (2000). *Final report on the Rethinking Mathematics Teacher Education Project*. (Report to the Ontario Ministry of Education), Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education, University of Toronto.

Abeygunawardena, H., Bereiter, C., Brett, C., Burtis, J., Collister, D., Hewitt, J., Hoye, K., Korbak, K., McAuley, S., Minevich, A., Rahman, T., Rowley, P., Scardamalia, M., & Smith-Lea, N. (1996, June) *Schools for Thought*. (Report to James S. McDonnell Foundation), Centre for Applied Cognitive Science, Ontario Institute for Studies in Education, University of Toronto.

Bereiter, C., Brett, C., Burtis, J., Hewitt, J., Rowley, P., Scardamalia, M., & Smith Lea, N. (1995, June). *McDonnell Report for the CSILE Project, Schools for Thought: 1994-1995*. , Centre for Applied Cognitive Science, Ontario Institute for Studies in Education, University of Toronto.

Hewitt, J. & Webb, J. (1995). *The Knowledge Map Research Report*. Internal CSILE project research document. Centre for Applied Cognitive Science, Ontario Institute for Studies in Education, University of Toronto.

Bereiter, C., Brett, C., Burtis, P.J., Cohen, A., Hewitt, J., Scardamalia, M., Smith Lea, N., Tiessen, E. & Woodruff, E. (1994, November). *Environments for Collaborative Knowledge Building* (Final report to the James S. McDonnell Foundation). Centre for Applied Cognitive Science, Ontario Institute for Studies in Education,.

Bereiter, C., Brett, C., Burtis, J., Hewitt, J., Rowley, P., Scardamalia, M., Tiessen, E., & Ward, D. (1994, June). *Schools for Thought. (Progress Report to James S. McDonnell Foundation)*, Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science, University of Toronto.

Bereiter, C., Brett, C., Burtis, P.J., Cohen, A., Hakkarainen, Hewitt, J., Scardamalia, M., Smith Lea, N., Ward, D. & Woodruff, E. (1993, November). *Environments for Collaborative Knowledge Building (Progress report to the James S. McDonnell Foundation)*. , Centre for Applied Cognitive Science, Ontario Institute for Studies in Education, University of Toronto.

Conference Presentations

Phirangee, K. & Hewitt, J. (2014, May). *Expressing Emotion in an Online Learning Environment Through Nonverbal Cues*. Paper presented at the annual meeting of the Canadian Society for the Study of Education. St. Catharines, ON. May 24th-28th, 2014.

Makos, A., Oztok, M., Zingaro, D., & Hewitt, J. (2014, April). *Examining the Qualities of Liked Notes versus Non-Liked Notes in a Collaborative Online Learning Environment*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, Pennsylvania.

- Oztok, M., Zingaro, D., Makos, A., Hewitt, J., & Brett, C. (2014, April). *Towards Understanding Threads as Social and Cognitive Artifacts for Knowledge Building in Online Learning*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, Pennsylvania.
- Phirangee, K. & Hewitt, J. (2014, April). *Lively Discussions: Using Linking to Enrich Threaded Discourse*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, Pennsylvania. April 3rd, 2014.
- Phirangee, K., Hewitt, J., & Makos, A. (2013, June). *Link Me Up: Exploring the Ways Linking Notes Reshape Students' Online Participation*. Paper presented at the annual meeting of the Canadian Society for the Study of Education. Victoria Island, BC. June 4th, 2013.
- Zingaro, D., Oztok, M., and Hewitt, J. (2013). *Student Moderators in Asynchronous Discussion: Scaffolding Questioning*. Paper presented at the annual meeting of Canadian Society for Studies in Higher Education (CSSHE) Conference. Victoria, BC.
- Makos, A., Oztok, M., Zingaro, D., & Hewitt, J. (2013, April) *Use of a Like Button in a Collaborative Online Learning Environment*. Poster presentation in the “Online Teaching and Learning Posters: Interaction and Collaboration; Social Media and Mobile Approaches” Session. American Education Research Association Annual Conference, April 26th – May 1st, 2013. Presentation. May 1st, 2013. San Francisco, CA.
- Oztok, M., Zingaro, D., Brett, C. Hewitt, J. & Makos, A. (2013, April). *Towards understanding the relationship between social presence and social capital*. Paper presented in “New Perspectives on the Community of Inquiry Framework” at the American Education Research Association Annual Conference, San Francisco, CA, April 26th – May 1st, 2013. Presentation date: April 28th, 2013.
- Hewitt, J., Brett, C., & MacKinnon, K. (2012, April). *Do frequent sessions in online courses make a differences?* Paper presented at the annual meeting of the American Educational Research Association, Vancouver B.C.
- Oztok, M., Zingaro, D., Brett, C., & Hewitt, J. (2012, April). *Investigating the effects of messaging on students' asynchronous threads*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver B.C.
- Zingaro, D., Oztok, M., & Hewitt, J. (2012, June). *Student moderators: A question of questions*. Paper presented at the annual meeting of the Canadian Society for Studies in Education, Waterloo, Ontario.

- Hewitt, J., Brett, C., & MacKinnon, K. (2012, June). *A comparative analysis of student computer conference messages and private messages in online graduate courses*. Paper presented at the annual meeting of the Canadian Society for Studies in Education, Waterloo, Ontario.
- MacKinnon, K., & Hewitt, J. (2012, June). *Examining the impact of instructor recommendations on students' reading and writing behaviour in online courses*. Paper presented at the annual meeting of the Canadian Society for Studies in Education, Waterloo, Ontario.
- Zupan, M., & Hewitt, J. (2011, May). *How Do Online Instructors Perceive and Value Social Presence?* Paper presented at the annual meeting of the Canadian Society for the Study of Education, University of New Brunswick, Fredericton NB, May 28-June 1, 2011.
- MacKinnon, K., & Hewitt, J. (2011, May). *Encouraging Idea Consolidation among Graduate Students in Online Courses*. Paper presented at the annual meeting of the Canadian Society for the Study of Education, University of New Brunswick, Fredericton NB, May 28-June 1, 2011.
- Zingaro, D., & Hewitt, J. (2011, May). *Investigating Effects of Academic Notes in Asynchronous Computer Conferencing Courses*. Paper presented at the annual meeting of the Canadian Society for the Study of Education, University of New Brunswick, Fredericton NB, May 28-June 1, 2011.
- Hewitt, J., & Brett, C. (2011, April). *Recommend: A Tool for Identifying Key Ideas in Asynchronous Discourse Environments*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Brett, C., & Hewitt, J. (2011, April). *Embedded Privacy Supports Within Online Discussion Environments*. Poster presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Fakhraie, N., Kazemian, S., & Hewitt, J. (2011, April). *Effects of Sentiment on Discourse on Online Educational Communities*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Asbell-Clarke, J., Edwards, T., Larsen, J., Rowe, E., Sylvan, E., & Hewitt, J. (2011, April). *Collaborative Scientific Inquiry in Arcadia: A Massively Multiplayer Online Gaming Environment on Blue Mars*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Paper wins Emerging Scholar Award, Applied Research in Virtual Environments for Learning Special Interest Group, American Educational Research Association.

- Zupan, M., & Hewitt, J. (2011, March). *How Do Online Instructors Perceive and Value Social Presence?* Paper presented at the Deans Annual Research Conference, OISE University of Toronto, Toronto ON, March, 2011.
- Hewitt, J. (2010, November). *New Supports for Collaboration in Distance Education Courses.* Paper presented at the 2010 Sino-Canadian Workshop on Education and Technology, Guangzhou, China.
- Hewitt, J., & Woodruff, E. (2010, August). *Bringing Coherence to Knowledge Building Discussions.* Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Brett, C., & Hewitt, J. (2010, August). *Understanding private discourse in a public online forum.* Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Hewitt, J., & Brett, C. (2010, August). *The Recommend Button: An Experimental Support for the Identification of Valuable Ideas in a Knowledge Building Community.* Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Qiu, M., & Hewitt, J. (2010, April). *How Class Size Affect Note Reading Load: A Mixed Methods Study of Note Reading and Class Size in Online Graduate Courses.* Paper presented at the annual meeting of the American Educational Research Association, Denver CO.
- Hewitt, J. (2010, April). *Comparing Approaches to Content Analysis in Computer-Supported Collaborative Learning Environments.* Symposium discussant: Presentation at the annual meeting of the American Educational Research Association, Denver CO.
- Hewitt, J. (2009, May). *Use of Wikis in Teacher Education in Canada.* Panel presentation at the annual meeting of the Canadian Society for the Study of Education, Carleton University, Ottawa, ON, May 23-26, 2009.
- Hewitt, J. (2009, May). *A comparison of discussion thread length across computer conferencing courses.* Paper presented at the annual meeting of the Canadian Society for the Study of Education, Carleton University, Ottawa, ON, May 23-26, 2009.
- Hewitt, J. (2009, April). *A large-scale analysis of threaded discourse structures in graduate distance education courses.* Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Peters, V. L., & Hewitt, J. (2009, April). *Using wikis to support collaborative inquiry in a graduate-level distance education course.* Paper presented at the annual meeting

- of the American Educational Research Association, San Diego, CA.
- Hewitt, J. (2008, April). *An Analysis of the Use of Academic Vocabulary in Educational Online Communities*. Paper presented at the annual meeting of the American Educational Research Association. New York, NY.
- Pedretti, E., Bencze, J.L., Hewitt, J., & Skinner-Winslow, J. (2008, April). *Verisimilitude and Multimedia Case Use: Exploring Interactions Between a Case Teacher and Preservice Science Students*. Paper presented at the annual meeting of the American Educational Research Association. New York, NY.
- Qiu, M., Zhang, J., & Hewitt, J. (2008, April). *Gender Influence Across Different Class Sizes and Group Configurations in Online Discussions in Graduate Courses*. Paper presented at the annual meeting of the American Educational Research Association. New York, NY.
- Hewitt, J., & Peters, V. (2007, May). *A large-scale quantitative analysis of instructor modeling in asynchronous computer conferencing environments*. Paper presented at the annual meeting of the Canadian Society for the Study of Education, University of Saskatchewan, Saskatoon, SK, May 26-29, 2007.
- Pedretti, E., Bencze, L., Hewitt, J., & Skinner-Winslow, J. (2007, May). *Enriching multimedia case methods: Bringing together researchers, case teacher, and preservice science teachers*. Paper presented at the annual meeting of the Canadian Society for the Study of Education, University of Saskatchewan, Saskatoon, SK, May 26-29, 2007.
- Peters, V., & Hewitt, J. (2007, May). *The relationship between student interaction and message readability in asynchronous online discussions*. A paper to be presented at the annual meeting of the Canadian Society for the Study of Education, University of Saskatchewan, Saskatoon, SK, May 26-29, 2007.
- Hewitt, J., & Peters, V. (2007, April). *The relationship between teacher and student practices in seminar-based, asynchronous computer conferencing courses*. A paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Peters, V., & Hewitt, J. (2007, April). *The relationship between student interaction and message readability in asynchronous online discussions*. A poster presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Qiu, M., & Hewitt, J. (2007, April). *Analysis of students' workload under different group divisions in online conferencing*. A paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

- Robertson, O., & Hewitt, J. (2007, April). *Collaborating in distance education: Does it lead to knowledge building?* A paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Peters, V., & Hewitt, J. (2006, August). *Interpersonal dynamics in online courses: Challenges to knowledge building.* Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Robertson, O. & Hewitt, J. (2006, August). *When collaboration falls short of knowledge building.* Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Qiu, M., & Hewitt, J. (2006, May). *Relationship between group divisions and discussion thread development in online conferencing.* Paper presented at the annual meeting of the Canadian Society for the Study of Education, York University, Toronto, CA.
- Qiu, M., & Hewitt, J. (2006, May). *Relationships between group divisions and note reading and writing in online conferencing.* Paper presented at the annual meeting of the Canadian Society for the Study of Education, York University, Toronto, CA.
- Hewitt, J., Brett, C., & Peters, V. (2006, May). *An analysis of scanning behaviors in asynchronous computer conferencing environments.* Paper presented at the annual meeting of the Canadian Society for the Study of Education, York University, Toronto, CA.
- Hewitt, J., Brett, C., & Peters, V. (2006). *Scan rate: A new metric for the analysis of reading behaviours in asynchronous computer conferencing environments.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Hewitt, J., & Brett, C., (2006). *The relationship between class size and online activity patterns.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Robertson, O., & Hewitt, J. (2006). *Interaction or collaboration: Learning in groups from the perspective of graduate students.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Peters, V., & Hewitt, J. (2006, April). *Student perspectives on peer collaboration in computer-mediated conferencing environments.* Poster presented at the annual meeting of the American Educational Research Association, San Francisco, CA.

- Peters, V., & Hewitt, J. (2006, April). *The case of competition in computer-mediated conferencing courses*. Poster presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Pedretti, E., Bencze, L., Hewitt, J., Romkey, L., & Sharkawy, A. (2006, April) *Becoming a physics teacher: Learning about STSE education through multi-media cases*. Paper presented at the National Association for Research in Science Teaching (NARST).
- Pedretti, E., Bencze, L., Hewitt, J., Romkey, L., & Sharkawy, A. (2006, April). *Shifting Landscapes: Promoting STSE Perspectives in Physics Teacher Education through Multi-media Cases*. Paper presented at the American Education Research Association (AERA). San Francisco, California.
- Pedretti, E., Bencze, L., Hewitt, J., Jiwani, A., & Romkey, L. (May, 2006). *Identity and ideology: Promoting science, technology, society and environment (STSE) Perspectives in Science Teacher Education through Multi-Media Cases*. Paper presented at the annual meeting of the Canadian Society for the Study of Education. York University, Toronto, Ontario.
- Bencze, L., Hewitt, J., Pedretti, E., Wallace, J., Bellomo, K. & Philip, D. (May, 2006). Student-teachers' instructional intentions regarding conflicting views about science. A paper presented at the annual meeting of the Canadian Society for the Study of Education, York University, Toronto, ON.
- Bencze, L., Hewitt, J., Pedretti, E., Wallace, J., Bellomo, K. & Philip, D. (April, 2006). Student-teachers' tendencies to conceal their preferences when teaching contradictory views about science. A paper presented at the annual conference of the *National Association for Research in Science Teaching*, San Francisco, California, April 3-6, 2006.
- Pedretti, E., Bencze, L., & Hewitt, J. (2005, August). *Physics teachers and the adoption of STSE perspectives through multi-media case methods*. Paper presented at the annual conference of the European Science Education Research Association, Barcelona, Spain.
- Hewitt, J., Brett, C., & Peters, V. (2005, August). The scan rate metric: A new measure of reading activity in knowledge building environments. Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Peters, V., & Hewitt, J. (2005, August). *Impediments to knowledge building in computer mediated conferencing courses*. Paper presented at the annual meeting of the Institute for Knowledge Innovation and Technology, Toronto, Ontario.
- Pedretti, E., Bencze, L., & Hewitt, J. (2005, May). *The promise and problems of multi-*

media case methods in teacher education. Paper presented at the International Conference on Teacher Education for the Schools We Need, Toronto, Ontario.

Hewitt, J., Pedretti, E., Bencze, J. L., Jiwani, A., & Simand, H. (2005, May). *An innovative use of video case studies in teacher education*. Paper presented at the annual conference of the Canadian Society for Studies in Education, London, Ontario.

Peters, V. & Hewitt, J. (2005, April). An analysis of student practices in asynchronous computer conferencing environments. A paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

Robertson, O. Hewitt, J., Messina, R. & Scardamalia, M. (2004, August). Video notes as a support for telementoring in a knowledge forum classroom. A paper presented at the Knowledge Forum Summer Institute, Toronto, Ontario, August 2004.

Peters, V. & Hewitt, J. (2004, August). An analysis of student practices in asynchronous computer conferencing courses. A paper presented at the Knowledge Forum Summer Institute, Toronto, Ontario, August 2004.

Hewitt, J., Young, L. & Messina, R. (2004, May). Innovations in teacher education: Using video note telementoring to bridge the theory practice gap. A paper presented at the annual conference of the *Canadian Society for the Study of Education*, Winnipeg, Manitoba.

Peters, V. & Hewitt, J. (2004, May). An analysis of student practices in asynchronous computer conferencing environments: Implications for knowledge building. A paper presented at the annual conference of the *Canadian Society for the Study of Education*, Winnipeg, Manitoba.

Pedretti, E., Bencze, J. L., Hewitt, J., Jiwani, A. & Romkey, L. (2004). Contextualized multimedia case methods for promoting STSE (Science, Technology, Society & Environment) education in science teacher education. A paper presented at the annual conference of the *Canadian Society for the Study of Education*, Winnipeg, Manitoba.

Hewitt, J., Pedretti, E., Bencze, J.L. (2004). Using video cases to promote introspection among preservice teachers. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Jiwani, A., Hewitt, J., Messina, R. & Scardamalia, M. (2004). Discourse characteristics in Knowledge Forum classrooms: A case study of knowledge building philosophy in practice. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

- Pedretti, E., Bencze, J.L., Hewitt, J., Jiwani, A., Romkey, L. & Van Oostveen, R. (2004). Learning about science, technology, society and environment (STSE) perspectives through case methods in teacher education. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Robertson, O. & Hewitt, J. (2004). Venus and Mars in online learning: Is there a dichotomy in communication? Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Pedretti, E., Bencze, L., Hewitt, J., Jiwani, A. & Romkey, L. (2004). Protocols and paradoxes in STSE education: Using multimedia cases in science teacher preparation. Paper presented at the National Association of Research in Science Teaching (NARST), Vancouver, British Columbia.
- Jiwani, A., Hewitt, J., Messina, R., & Scardamalia, M. (2003). Discourse characteristics in a Knowledge Forum classroom. A case study of Knowledge Building philosophy in practice. Poster presented at the Knowledge Forum Summer Institute, Toronto, Ontario, August 2003.
- Hardman, W., Hewitt, J., Messina, R. & Scardamalia, M. (2003). A comparison of audio-based telementoring and face-to-face mentoring. Poster presented at the Knowledge Forum Summer Institute, Toronto, Ontario, August 2003.
- Robertson, O., Hewitt, J. & Scardamalia, M. (2003). Gender participation patterns in Knowledge Forum: An analysis of two graduate-level classes. Poster presented at the Knowledge Forum Summer Institute, Toronto, Ontario, August 2003.
- Hewitt, J. (2003). Toward an understanding of how threads die in asynchronous computer conferences. Paper presented at the annual conference of the American Educational Research Association, April 2003, Chicago, IL.
- Bencze, J. L., Hewitt, J., Pedretti, E. & Bowen, M. (2003). Bringing more contextualization to case methods in university-based science teacher education. A paper presented at the annual conference of the *National Association for Research in Science Teaching*, Philadelphia, Pennsylvania, March 23-26, 2003.
- Hewitt, J., Pedretti, E., Bencze, L., & Yoon, S. (2002). Multimedia cases as tools for fostering habits of praxis in pre-service teacher education. Paper presented at the annual conference of the Canadian Society for Studies in Education, May 2002, Toronto, Ontario.
- Yoon, S., Pedretti, E., Bencze, L., Hewitt, J., Perris, K., & Van Oostveen, R. (2002). Exploring influences of case methods on pedagogical beliefs and practices: Creating opportunities for agency, practice and community building. Paper

presented at the annual conference of the Canadian Society for Studies in Education, May 2002, Toronto, Ontario.

- Bencze, L., Hewitt, J., Pedretti, E., Yoon, S., Van Oostveen, R. & Perris, K. (2002). Technology-informed pedagogies in science-specialist student teachers: Influences from a multi-media case method. Paper presented at the annual conference of the Canadian Society for the Study of Education, May 25-28, 2002, OISE/UT, University of Toronto, Toronto.
- Hewitt, J. (2002). Designing for Knowledge Building Communities. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans.
- Hewitt, J. (2002). Improve asynchronous discussion with multiple-author discussion notes. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans.
- Hewitt, J., Reeve, R., Abeygunawardena, H., & Vaillancourt, B. (2002). Teacher candidates as Knowledge Forum telementors: Linking educational theory to practice. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans.
- Hewitt, J., Pedretti, E. & Bencze, L. (2002). Student teacher introspection: Stimulating habits of praxis through case method interaction. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans.
- Bencze, L., Hewitt, J., Pedretti, E., Yoon, S., Van Oostveen, R. & Perris, K. (2002). Technoscience education in practice: A case-method window into contextual teaching and learning for pre-service science-specialist teachers. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans.
- Yoon, S., Pedretti, E., Bencze, L., Hewitt, J., Van Oostveen, R. & Perris, K. (2002). Using case methods in pre-service teacher development: Influences on agency, practice and community-building. A presentation at the annual conference of the *American Educational Research Association*, April 1-5, 2002, New Orleans, LA.
- Hewitt, J., Pedretti, E. & Bencze, L. (2002). Interacting with Multimedia Cases: An Innovative Approach to Science Teacher Preparation. A presentation at the annual conference of the *National Association for Research in Science Teaching*, New Orleans, Louisiana, April 7-10, 2002.

- Hewitt, J., Abeygunadarwena, H., & Reeve, R. (2001). Teacher Candidates as Knowledge Forum Telementors: Linking Theory to Practice. A presentation at the *Knowledge Forum Summer Institute*, August, 2001, Toronto.
- Hewitt, J. (2001). *Fostering a knowledge-building community in a knowledge forum classroom*. Paper presented at the annual Conference of the American Educational Research Association. Seattle.
- Hewitt, J. (2000). *An analysis of online activity patterns in computer conferencing courses*. Poster Presentation, Telelearning Network Centres of Excellence Conference, Toronto.
- Bencze, L., Hewitt, J. & Pedretti, E. (2000). *Multimedia cases in pre-service science education: An apprenticeship for praxis*. Paper presented at the annual Conference of the American Educational Research Association. New Orleans.
- Hewitt, J. (2000). *Sustaining online interaction in a Knowledge Forum classroom*. Paper presented at the annual Conference of the American Educational Research Association. New Orleans.
- Hewitt, J. (1999). *Sustaining interaction in threaded learning environments*. Poster Presentation, Telelearning Network Centres of Excellence Conference, Montreal, P.Q.
- Hewitt, J. & Scardamalia (1999). *Knowledge Forum: A Next-Generation Discourse Environment*. Paper presented at the annual Conference of the American Educational Research Association. Montreal, Canada.
- Hewitt, J. & Teplov, C. (1999). *Patterns of Electronic Discourse*. Paper presented at the annual Conference of the American Educational Research Association. Montreal, Canada.
- Hewitt, J. & Scardamalia, M. (1998). *The Knowledge Forum™ System: Knowledge-building in the classroom*. Software demonstration at the International Conference of the Learning Sciences, Georgia Tech University, Atlanta GA.
- Hewitt, J. (1998). *Administrative and Curricular Infrastructure Needed for Educational Technology Based Reforms to Succeed*. Opening Plenary Panel: International Conference of the Learning Sciences, Atlanta GA.
- Hewitt, J. (1998). *Knowledge Forum*. International Conference of the Learning Sciences, Atlanta GA.
- Hewitt, J. (1998). *Knowledge Forum: A technology to support elementary science education*. ECOO Conference, Toronto Canada.

- Hewitt, J. (1998). *The Knowledge Forum™ vocabulary analyzer: A web-based research tool*. Software demonstration at the Third Annual Meeting of the TeleLearning Network Centres of Excellence, Vancouver, B. C.
- Hewitt, J. (1998). *Why Threads Die: A Surprising Result from TeleLearning Research*. Paper presented at the Telelearning Network Centres of Excellence Conference, Vancouver, B. C.
- Hewitt, J. & Scardamalia, M. (1998). *An analysis of discourse patterns in computer conferencing systems*. Poster Presentation, Telelearning Network Centres of Excellence Conference, Vancouver, B. C.
- Hewitt, J. (1998). From a Focus on Tasks to a Focus on Knowledge: The Cultural Transformation of a Toronto Classroom. Paper presented in an interactive paper session: Multicultural Use of a Knowledge-Building Technology, at the Annual meeting of the American Educational Research Association, San Diego.
- Hewitt, J. (1997). *WebCSILE: New Knowledge Building Supports for Threaded Discourse*. Poster Presentation, Telelearning Network Centres of Excellence Conference, Toronto.
- Hewitt, J. (1997). *Beyond Threaded Discourse*. Paper presented at WebNet '97, Toronto.
- Hewitt, J. & Smith Lea, N. (1997). *Knowledge Forum: A Second Generation CSILE System*. Software demonstration at the Second Annual Meeting of the TeleLearning Network Centres of Excellence, Sheraton Hotel, Toronto Ontario.
- Hewitt, J. (1997). *WebCSILE: Knowledge Building over the Internet*. Software demonstration at the Second Annual Meeting of the TeleLearning Network Centres of Excellence, Sheraton Hotel, Toronto Ontario.
- Hewitt, J. (1997). *Facilitating Convergence in Asynchronous Conferencing Environments*. Paper presented at the North American Web Conference '97, Fredericton.
- Hewitt, J., Scardamalia, M., & Webb, J. (1997). *Situative Design Issues for Interactive Learning Environments: The Problem of Group Coherence..* Paper presented in an interactive paper session: Sociocognitive Design Issues for Interactive Learning Environments Across Diverse Knowledge Building Communities, at the Annual meeting of the American Educational Research Association, Chicago.
- Hewitt, J. & Scardamalia, M. (1996). *Design principles for the support of distributed processes*. Paper presented in a symposium: Distributed Cognition: Theoretical

and Practical Contributions, at the Annual meeting of the American Educational Research Association, New York City.

- Hewitt, J. (1996). *Knowledge Building with Teachers, Students and the Community*. Software demonstration at the First Annual Meeting of the TeleLearning Network Centres of Excellence, Sheraton Hotel, Montreal Quebec.
- Hewitt, J., Brett, C., Scardamalia, M., Frecker, K. & Webb, J. (1995). *Supporting knowledge building through the synthesis of CSILE, FCL & Jasper*. Paper presented in a Symposium: Schools for Thought: Transforming Classrooms into Learning Communities, at the Annual meeting of the American Educational Research Association, San Francisco.
- Hewitt, J., Webb, J., & Rowley, P. (1994). *Student use of Branching in a Computer-Supported Discussion Environment*. Poster Presentation, Annual meeting of the American Educational Research Association, New Orleans.
- Galegher, J., Edelson, D., Cohen, A. & Hewitt, J. (1994). *Encouraging Scientific Collaboration in the Classroom*. Paper presented in a Symposium: Computer-Supported Collaboration for Scientific Inquiry, at the Annual meeting of the American Educational Research Association, New Orleans.
- Burtis J., Chan, C., Hewitt, J., Scardamalia, M., & Bereiter, C. (1993). *Misconceptions in a Student-Guided Research Project*. Paper presented at the annual meeting of the American Educational Research Association, Atlanta.
- Hewitt, J. (1993). *A Comparison of Hypertext and Discourse Environments with regard to Knowledge-Building and Collaboration*. Paper presented at the annual meeting of the American Educational Research Association, Atlanta.
- Brock, S., Kwok, A., Liu, W., Rowley, P., Rosenthal, A., & Hewitt, J. (1992). *The Evolution of Hypermedia Facilities in an Educational, Collaborative Database*. Poster Presentation, CHI'91, Monterey, California.
- Hewitt, J. (1992). *Designs to Encourage Discourse in the OISE CSILE System*. Poster Presentation, CHI'92, Monterey, California.
- Erickson, H., Bowen, B., Beeler, J., & Hewitt, J. (1992). *Computer-Supported Intentional Learning Environments*. Paper presented in a Symposium: Restructuring Education through Knowledge Building Communities Supported by Computer Networks, at the National Educational Computing Conference, Dallas Texas.
- Scardamalia, M., Bereiter, C., Hewitt, J., & Webb, J. (1992). *Constructive learning from texts in biology*. Paper presented at the NATO Conference "Relations and

biology learning: The acquisition and use of knowledge structures in biology", Glasgow, Scotland.

Rowley, P., Owen, R., Kozierek, R., Hewitt, J., & Brock, S. (1991). *Progress Toward a Coherent Collaborative Hypermedia Database for the OISE Computer-Supported Intentional Learning Environment*. Poster Presentation, CHI'91, New Orleans.

Symposia and Workshop Presentations:

Hewitt, J. (2013). *If MOOCs are the Answer, What is the Question?* SMT Forum Series, Forum on Technology, November 28, 2013. OISE University of Toronto.

Hewitt, J. (2013). *An Introduction to Pepper*. Workshops taught:

- Master of Teaching Group 1 (45 students): Tuesday September 3rd
- Master of Teaching Group 2 (45 students): Tuesday September 3rd
- Master of Teaching Group 3 (45 students): Tuesday September 3rd
- Doncrest Option Group 1 (40 students): Wednesday September 4th
- Doncrest Option Group 2 (33 students): Wednesday September 4th
- Central Option Group 1 (41 students): Monday September 9th
- Central Option Group 2 (41 students): Monday September 9th
- Crosstown Option Group 1 (40 students): Tuesday September 10th
- Crosstown Option Group 2 (39 students): Tuesday September 10th
- ADHP M.Ed cohort Group 1 (50+ students): Wednesday September 11th
- ADHP M.Ed cohort Group 2 (25 students): Thursday September 12th
- Midtown Option All (70 students): Thursday September 12th
- Inner City Option Group 1 (33 students): Friday September 13th
- Inner City Option Group 2 (30 students): Friday September 13th
- Workshop for Charles Pascal's class (15 students): Friday September 13th

Hewitt, J. (2013). *What is the Place of Activism in the Science Curriculum?* SMT Forum Series, Forum on Science, February 28, 2013. OISE University of Toronto.

Hewitt, J. (2012). *What will schools look like in 25 years?* SMT Forum Series, Forum on Technology. November 26, 2012. OISE University of Toronto.

Hewitt, J. (2012). *An Introduction to Pepper*. Workshops taught:

- Thursday September 6, 2012: SP1 Secondary cohort
- Monday September 10, 2012: Elementary Central Option cohort
- Monday September 10, 2012: Elementary Crosstown cohort
- Monday September 10, 2012: Gila Hanna's graduate class
- Tuesday September 11, 2012: Elementary Midtown cohort
- Tuesday September 11, 2012: Linda Cameron's graduate class
- Thursday September 13, 2012: Elementary Inner City cohort

- Monday September 17, 2012: SP3 Secondary cohort
- Tuesday September 18, 2012: Elementary NorthWest cohort
- Monday September 24, 2012: SP9 Secondary cohort
- Wednesday November 21, 2012: Applied Psychology and Human Development (APHD) faculty

- Hewitt, J. (2010). *Clickers in the Classroom: An Introduction*. Workshop for the Mindshift Project, October 6th, 2010.
- Hewitt, J. (2009). *Technologies for Higher Education*. KMDI Symposium, University of Toronto, Toronto Ontario. February 26th, 2009.
- Hewitt, J. (2009). *Reflections on Research Proposals – Workshop Expert*. Doctoral Consortium, Computer Supported Cooperative Learning Conference. June, 2009.
- Hewitt, J. (2008, October). Educational Technology: A critical overview. Technology Enhanced Learning (TEL) Workshop, MT Program. Knowledge Innovation and Technology Lab, OISE, University of Toronto, Toronto Ontario. October 8, 2008.
- Hewitt, J. (2008, April). Tech Tips for University Instructors. Instructional Technology Courseware Development Fund Showcase. Robarts Library, University of Toronto. April 17, 2008.
- Hewitt, J. (2008, April). Hands-on with Clickers: Increasing Student Engagement in Your Classroom. OISE Education Commons Workshop Series. OISE, University of Toronto, Toronto Ontario. April 10, 2008.
- Hewitt, J. (2008, February). Colloquium: New ways of teaching and learning with technology. Colloquium Chair, Knowledge Innovation and Technology Lab, OISE, University of Toronto, Toronto Ontario. February 7, 2008.
- Hewitt, J. & Woodruff, E. (2007, August). *What is knowledge building? An interactive community discussion about the nature of knowledge building*. Workshop presented at the IKIT Summer Institute, Toronto, Ontario..
- Brett, C., & Hewitt, J. (2007, October). Teaching with web-based writing tools: Assessment challenges and opportunities. Presentation at the Teaching and Learning Symposium, University of Toronto.
- Hewitt, J. & Jiwani, A. (2003). *Face-to-face discourse in Knowledge Forum classrooms: An evaluation of classroom transcripts*. Workshop presented at the Knowledge Forum Summer Institute, Toronto, Ontario.

- Hewitt, J. (2003). *Using video case studies in preservice teacher education*. Presentation to preservice instructors at OISE-UT, May 7, 2003, Toronto, Ontario.
- Hewitt, J. (2003). *Preparing your tenure dossier*. Presentation to Tenure Candidates at OISE-UT, May 9, 2003, Toronto, Ontario.
- Hewitt, J. (2003). *Conducting an online citation search*. Presentation to Graduate Faculty at OISE-UT, Toronto, Ontario.
- Hewitt, J. (1996). *CSILE, An Introduction*. Schools for Thought, St. Louis, Missouri.
- Hewitt, J. (1996). *CSILE, An Introduction*. Medialinx, Toronto, Ontario.
- Hewitt, J. (1995). *A Workshop for Preservice Teachers Assisting in CSILE Classrooms*. Schools for Thought, St. Louis, Missouri.
- Hewitt, J. (1995). *CSILE Part II: Knowledge-Building in the Classroom*. Schools for Thought, St. Louis, Missouri..
- Hewitt, J. (1995). *CSILE Part I: Introduction to the CSILE on the Macintosh*. Schools for Thought, St. Louis, Missouri.
- Hewitt, J. (1994). *Welcome to CSILE*. Schools for Thought, St. Louis, Missouri.

Media Productions:

- Hewitt, J. (2011-2014). Pepper. OISE University of Toronto.
- Hewitt, J. (2009). Knowledge eCommons. OISE University of Toronto.
- Hewitt, J., & Madeira, C. (2008). *Technology Tips*. OISE University of Toronto. URL: <http://innovations.oise.utoronto.ca/TechTips/>.
- The Technology Tips website was designed to help University of Toronto instructors make better instructional use of new technologies. Each Tech Tip contains a brief video that illustrates how technology resources can be used to make teaching more enjoyable, efficient, and educationally effective. There are nine videos in the series:
- Blackboard: An introduction for instructors (3:40 min).
 - Class Lists: Access your class lists online using blackboard (1:12 min).
 - Uploading Files: How to post your course materials online (2:47 min).
 - PowerPoint: What does the research say? (5:12 min).
 - Gradebook: Calculate student grades using Blackboard (3:41 min).
 - Online Discussions 1: Applications and advantages (3:31 min).
 - Online Discussions 2: How to set up online class discussions (2:16 min).
 - Clickers: Make your lessons more interactive! (3:56 min).

- Wikis: Tools for collaboration and sharing (3:36 min).

Hewitt, J. (2007). *Teaching for Understanding in Elementary Science: An OISE Wikiresource*. Instructional strategies about teaching for understanding in Science Education. URL:
<http://innovations.oise.utoronto.ca/science/index.php/Home>

Hewitt, J. (2007). *Educational Technology: An OISE Wikiresource*. A wiki about the educational uses of technology for teachers at all levels. URL:
<http://innovations.oise.utoronto.ca/edtech/index.php/Home>

Bencze, L., Hewitt, J., Pedretti, E., Wallace, J., Bellomo, K. & Philip, D. (2006). *Helping Students Develop Expertise for Student-led Science Inquiry: A multimedia documentary for teacher education (CD ROM)*. Toronto: OISE/UT.

Bencze, L., Hewitt, J., Pedretti, E., Wallace, J., & Bellomo, K. (2006). *Promoting student-led science inquiry: Academics' and practitioners' various perspectives (CD ROM)*. Toronto: OISE/UT.

Bencze, L., Hewitt, J., Pedretti, E., & Wallace, J. (2005). *Teaching science through inquiry (Multimedia CD)*. Toronto: OISE/UT.

Bencze, L., Hewitt, J., Pedretti, E., & Wallace, J. (2005). *The nature of science and the role of science instruction: Differing perspectives (Multimedia CD)*. Toronto: OISE/UT.

Hewitt, J. (2004). *The Graduate Student Record*. An online graduate tracking database. Written in PHP and MySQL.

Hewitt, J. (2003). *The Link Organizer*. An online web link organization tool. Written in PHP and MySQL.

E. Invited Academic Lectures

Hewitt, J. (2012, November). *Perspectives on knowledge building*. Guest speaker in Zahra Punja's course at the University of Ontario Institute for Technology. Two sessions. Thursday November 15, 2012.

Hewitt, J. (2010, November). *New Supports for Collaboration in Distance Education Courses*. Presentation at East China Normal University, Shanghai, China.

Hewitt, J. (2010). *Conference Keynote: Asynchronous online discussions in educational contexts: Factors for success*. XXIII Congresso Nazionale della Sezione di

Psicologia dello Sviluppo e dell'Educazione, Bressanone Italy, 26 - 28
September 2010.

- Hewitt, J., & Woodruff, E. (2009). *OISE Knowledge Commons: An Introduction*. Presentation to OISE Education Commons, OISE, University of Toronto, Toronto Ontario. April 27, 2009.
- Hewitt, J. (2009). *Introducing OISE Knowledge Commons*. Presentation to the OISE Educational Technology Research Group, OISE, University of Toronto, Toronto Ontario. April 22, 2009.
- Hewitt, J. (2009). *Open Source Ideas: Engaging Teacher Candidates in the Construction of a Persistent Web-Based Resource for Elementary Educators*. SMT Brownbag Presentation, University of Toronto, Toronto Ontario. February 19th, 2009.
- Hewitt, J. (2008, January). *Powerpoint in post-secondary instruction: A review of the research*. SMT Brown Bag Symposium. Ontario Institute for Studies in Education, January, 16, 2008.
- Hewitt, J. (2007, March). *Using wikis in graduate level education courses*. New Ways of Teaching and Learning with Technology Colloquium. Ontario Institute for Studies in Education, March, 2007.
- Hewitt, J., & Peters, V. (2006). *Using wikis as a support of knowledge building*. Presentation to the Institute for Knowledge Innovation and Technology, January 25, 2006.
- Bencze, L., Hewitt, J., & Pedretti, E. (2005, March). *Multimedia case methods in science teacher education: Navigating the theory-practice gap*. Faculty of Education, University of Winnipeg, March 9, 2005.
- Hewitt, J. (2001). *Computers in the OISE-UT Preservice Program: Current Practices, Future Directions*. CTL Seminar for Research on our Teacher Education Program: Findings and Implications, November 21, 2001.
- Hewitt, J. (2000). *Assessment Strategies in Knowledge Forum Classrooms*. The Fourth Annual Knowledge Forum Summer Institute, Toronto Canada.
- Hewitt, J. (1999). *Using the Vocabulary Analyzer in Knowledge Forum Databases*. The Third Annual Knowledge Forum Summer Institute, Toronto Canada.
- Hewitt, J. (1998). *Threaded discourse and effective computer conferencing*. Knowledge Media Design Institute Seminar Series, OISE/UT, Toronto, Ontario.
- Hewitt, J. (1998). *The Vocabulary Analysis of Knowledge Forum Databases*_The Second Annual Knowledge Forum Summer Institute, Toronto Canada.

- Hewitt, J. (1997). *Teacher Issues and CSCL*. Computer Support for Collaborative Learning Conference, Toronto Ontario.
- Hewitt, J. (1997). *Computer Supported Intentional Learning Environments*. Human Development and Applied Psychology Seminar, OISE/UT, Toronto Ontario.
- Hewitt, J. (1992). *Computer Supported Intentional Learning Environments*. Principal's Center, November 1992, Boston MA.

F. Creative Professional Work

- Hewitt, J. (2009). A wiki database for teachers of ninth grade mathematics, Part 2. Presentation to secondary school teachers in the Learning Consortium project, York Region School Board Centre, January 7, 2009.
- Hewitt, J. (2008). A wiki database for teachers of ninth grade mathematics. Presentation to the Learning Consortium, York Region School Board Centre, December 4, 2008.
- Hewitt, J. (2002). *Segundo Cursillo de Authorware: Examen Canadiense*. Prepared for the Training in Economic Management Project (Canadian International Development Agency). Department of Curriculum, Teaching and Learning, OISE/UT, Toronto, Ontario.
- Hewitt, J. (2002). *Cursillo de Authorware: El Mapa de Canada*. Prepared for the Training in Economic Management Project (Canadian International Development Agency). Department of Curriculum, Teaching and Learning, OISE/UT, Toronto, Ontario.
- McDougall, D., Hewitt, J. & Quinn, J. (2001). *Instructional Design of Distance Education Using Technology*. Prepared for the Training in Economic Management Project (Canadian International Development Agency). Department of Curriculum, Teaching and Learning, OISE/UT, Toronto, Ontario.
- Hewitt, J. (1995). *The CSILE Teacher's Guide*. Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science.
- Hewitt, J. (1995). *The CSILE User's Guide*. Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science.
- Hewitt, J. & Webb, J. (1994). *How do cities work? (Curriculum unit plan prepared for Schools for Thought)*. Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science.

Hewitt, J. & Frecker, K. (1994). *The Jasper Adventure, "Rescue at Boone's Meadow"* (Curriculum unit plan prepared for Schools for Thought). Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science.

Hewitt, J. & Webb, J. (1994). *Teaching prehistory of the new world. (Curriculum unit plan prepared for Schools for Thought)*. Toronto: Ontario Institute for Studies in Education, Centre for Applied Cognitive Science.

G. Summary of Successful Research Funding

Stagg-Peterson, S., Forsyth, D., McIntyre, L., Jang, E., Pelletier, J., Hellsten-Bzovey, L., Hewitt, J., Brett, C., Kosnik, K., Restoule, J., & Willows, D. (2013). Assessing and supporting young children's oral language and writing development through play in classrooms, daycares and homes in northern communities. SSHRC Partnership Grant. (as co-applicant)

Xu, S., Connelly, M., Beckford, C., Liu, Y., Chen, S., Yang, L., Ma, Y., McDougall, D., Hewitt, J., Zhang, Z., Bartel, L., Wang, Y. (2013). Reciprocal learning in teacher education and school education between Canada and China. SSHRC Partnership Grant. (as co-applicant)

Hewitt, J., Brett, C., MacKinnon, K., & Broad, K. (2012). *Enhancing assessment in a collaborative online learning environment*. University of Toronto Instructional Technology Innovations Fund (ITIF). \$12,300.00

Hewitt, J. (2012). *iPads in teacher education: What are the possibilities?* SSHRC Institutional Grant. \$2000.00

Woodruff, E. & Hewitt, J. (2010). *Flex Mode Instruction*. OISE Resource Allocation Sub-Committee Special Projects initiative. \$4500.

Hewitt, J. & Woodruff, E. (2010). *Toward the Synergistic Integration of Computer-Mediated Communication and Wikis*. SSHRC Standard Research Grant. \$102,936.00

Hewitt, J., Slotta, J., Brett, C., Moore, G., & Hyman, A. (2007). *A Casebook of Effective Information Technology Teaching and Learning Practices*. IT Courseware Development Fund, University of Toronto, Awarded: \$8,500. Status: Principal Investigator.

Hewitt, J., & Laferrier, T. (2006). Professional development videos for moving beyond best practice. SSHRC INE Public Outreach Grant. \$49,861.

Hewitt, J. (2005). *A study information overload in computer conferencing environments*. Small-scale SSHRC Fund, University of Toronto. \$3,500.00.

- Hewitt, J., Giannotta, L. & McBride, H. (2004). *Special Education: On-line Resources and Interactive Case Studies*. IT Courseware Development Fund, University of Toronto, \$6,775.
- Bencze, L., Hewitt, J. & Pedretti, E. (2003). *Video case studies in preservice teacher education*. Ontario Ministry of Education Transfer Grant, \$24,000.
- Bencze, L., Hewitt, J. & Pedretti, E. (2003). *Case methods in science teacher education*. Imperial Oil Centre, OISE/UT. \$5,000.
- Hewitt, J. (2002). *An analysis of new models of telementoring*. SSHRC Standard Research Grant. \$56,103.
- Scardamalia, M. (2002). *Beyond best practice: Research-based innovation in learning and knowledge work*. SSHRC INE Collaborative Research Initiative Grant, \$2,995,834. Status on grant: Co-applicant.
- Hewitt, J. (2001). *Videoconference telementoring as a support for open-ended science investigations in elementary classrooms*. Imperial Oil Centre, OISE/UT. \$7,709.
- Bencze, L., Pedretti, E., & Hewitt, J. (2001). *Case Methods in Science and Technology Teacher Education*. Imperial Oil Centre, OISE/UT. \$10,500.
- Hewitt, J. (2001). *New models of Telementoring*. SSHRC Incentive Fund, University of Toronto. \$2,000.
- Hewitt, J. (2001). *A study of preservice computer education at OISE-UT*. Small-scale SSHRC Fund, University of Toronto. \$1,734.50.
- Hewitt, J. (2000). *A study of telementoring as a support for open-ended science investigations in elementary classrooms*. Imperial Oil Centre, OISE/UT. \$5,500.
- Bencze, L., Pedretti, E., & Hewitt, J. (2000). *Case methods in science and technology teacher education*. Ontario Ministry of Education Transfer Grant, \$27,000.
- Hewitt, J. (1998). *Discourse patterns in asynchronous computer conferencing*. Connaught Grant, \$10,000.
- Folk, S. & Hewitt, J. (1998-1999). *Rethinking mathematics teacher education*. Ontario Ministry of Education Transfer Grant, \$11,000.

Scardamalia, M. & Hewitt, J. (1997-1998). *Graphical views for WebCSILE*.
University of Toronto: Information Technology Courseware Development,
\$13,350.

H. Teaching

Undergraduate Courses

CTL7016: Integrating Technology into the Curriculum, Intermediate-Senior.
Master of Teaching Program, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2012 – April 2013, 24 students

CTL7003: Curriculum and Teaching in Social Studies and Science.
Master of Teaching Program, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2011 – April 2012, 53 students
September 2010 – April 2011, 48 students
September 2009 – April 2010, 48 students
September 2008 – April 2009, 55 students
September 2007 – April 2008, 42 students
September 2006 – April 2007, 42 students
September 2005 – April 2006, 25 students

CTL7004: Practicum in Schools, Elementary Preservice, Primary-Junior-Intermediate.
Master of Teaching Program, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2008 – April 2009, ?? students
September 2007 – April 2008, 42 students
September 2006 – April 2007, 42 students
September 2005 – April 2006, 25 students

EDU1420: Science and Technology, Elementary Preservice, Primary-Junior.
Central Option, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2005 – April 2006, 65 students
September 2003 – April 2004, 60 students
September 2002 – April 2003, 58 students
September 2001 – April 2002, 60 students
September 2000 – April 2001, 61 students
September 1999 - April 2000, 68 students
September 1998 – April 1999, 58 students

EDU1420: Science and Technology, Elementary Preservice, Primary-Junior-Intermediate.

Campus Option, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 1998 - April 1999, 65 students.

EDU 6000: Teacher Education Seminar, Elementary Preservice, Primary-Junior.
Central Option, Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2003 – April 2004, 60 students
September 2002 – April 2003, 58 students
September 2001 – April 2002, 60 students
September 2000 – April 2001, 61 students
September 1999 - April 2000, 68 students
September 1998 – April 1999, 58 students (Central), 68 students (Campus)

Graduate Courses

CTL1018H Introduction to Qualitative Inquiry
Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
May 2008 - June 2008, 21 students
September 2007 - December 2007, 21 students
May 2007 - June 2007, 19 students
January 2006 - April 2006, 14 students

HDP1238H Technology, Psychology and Play
Department of Human Development and Applied Psychology,
Ontario Institute for Studies in Education / University of Toronto.
January 2012 – April 2012, 15 students (co-taught with Woodruff)

CTL1602H Introduction to Computers in Education
Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 2012 – December 2012, 24 students (co-taught with Woodruff)
January 2011 – April 2011, 22 students (co-taught with Woodruff)
September 2010 - December 2010, 22 students (co-taught with Woodruff)
January 2010 – April 2010, 15 students (co-taught with Woodruff)
September 2009 - December 2009, 15 students (co-taught with Woodruff)
September 2008 - December 2008, 25 students
January 2007 – April 2007, 18 students
September 2002 – December 2002, 18 students
September 2001 – December 2001, 19 students
September 2000 – December 2000, 18 students
September 1999 - December 1999, 24 students

CTL1603H Introduction to Knowledge Building
Department of Curriculum, Teaching and Learning,

Ontario Institute for Studies in Education / University of Toronto.
January 2008 - April 2008, 22 students
September 2006 - December 2006, 25 students
September 2005 - December 2005, 16 students
September 2003 - December 2003, 16 students

CTL1608H Instructional Technology: Instructional Design
Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
September 1998 - December 1998, 11 students
September 1997 - December 1997, 16 students
September 1996 - December 1996, 19 students

CTL1041H Research Methods in Education
Department of Curriculum, Teaching and Learning,
Ontario Institute for Studies in Education / University of Toronto.
January 2010 - April 2010, 15 students

Directed Studies / Individual Reading Courses

Ashifa Jivraj (Sep-Dec 2008). *Pedagogic Practices in Knowledge Building Communities: The Nature of Classroom Discourses and the Potentials of Video Case Methods.* CTL1798HF.

Kamla Reid (May-Aug 2008). *A study of information and communication technologies (ICT) in secondary science classrooms.* CTL1798HF.

Mark Russell (Jan-Apr. 2000). *Integration of a Distance Learning Training Strategy: Issues in the Design, Development and Implementation of Technology.* CTL1797HS.

Lena Paulo (Jan-Apr 2000). *Information Overload and Computer-Mediated Communication: A Critical Review.* CTL1998HS

Linda Murphy-Boyer (Jan-Apr 2000). *Motivated Learning.* CTL1798S.

Paul Fox (May-Aug, 1998). *Computer Applications in Secondary School Science.* CTL1798H.

I. Graduate and Undergraduate Supervision

Completed Graduate Supervisions

	Supervisor	Committee Member	Examination Committee	External Examiner
Ph.D.	5	45	2	0
Ed.D.	1	5	0	0
M.A.	5	15	N/A	1
M.Ed. (MRP)	11	N/A	N/A	

Supervisor - PhD

Mingzhu Qiu (PhD). *A Mixed Methods Study of Class Size and Group Configuration in Online Graduate Course Discussions*. Department of Curriculum, Teaching and Learning, November 23 2009.

Don Philip (PhD). *Networks and the Spread of Ideas in Knowledge Building Environments*. Department of Curriculum, Teaching and Learning, July 28 2009.

Olivia Robertson (PhD). *Student perceptions of online asynchronous discussion and group learning in graduate distance education courses*. Department of Curriculum, Teaching and Learning, March 30 2007.

Laura O'Grady (PhD). *See one, do one, teach one: HIV/Aids learners participate in communities of practice*. Department of Curriculum, Teaching and Learning, March 8, 2006.

Rosemary McLoughlin (PhD). *An exploratory study of learner satisfaction in a web-based FAQs interface for distance education*. Department of Curriculum, Teaching and Learning, March 21 2005.

Supervisor - EdD

Lori Herod (EdD). *Online curriculum deliberation by adult literacy stakeholders: A case study*. Department of Curriculum, Teaching and Learning, March 10 2005.

Supervisor - Masters

Peter Aguiar (MEd). *An analysis of the Toronto Catholic District School Board's e-learning initiative and its implications for Ontario school boards*. Department of Curriculum, Teaching and Learning, August 2002

- Chrystal Ameron (MEd). *Evaluating Educational Software*. Department of Curriculum, Teaching and Learning, September 2001.
- Leslie Brown (MEd). *What are teachers doing on-line? Unraveling multiple strategies in a synchronous homework help program*. Department of Curriculum, Teaching and Learning, August 2004.
- David deBelle (MEd). *A case study of information technology in an elementary school: Does ICT make a difference?* Department of Curriculum, Teaching and Learning, April 2005.
- Paul Fox (MEd). *Computer applications in physics education*. Department of Curriculum, Teaching and Learning, July 2002.
- Duane Heide (MEd). *Computer-mediated knowledge-building among elementary students: A qualitative participant/observer analysis of mixed gender interactions using CSILE in the classroom*. Department of Curriculum, Teaching and Learning, January, 2004.
- Gertrude Koch (MEd). *Back Translation: An investigation into one major dictionary strategy, as a design feature for book or electronic bilingual dictionary and unilingual thesaurus with associated dictionary*. Department of Curriculum, Teaching and Learning, 1999.
- Qin Liu (MEd). *Reflections on telementoring*. Department of Curriculum, Teaching and Learning, August 2004.
- James McMullan (MA). *The collaborative inquiry model: A case study*. Department of Curriculum, Teaching and Learning, April 2008.
- Linda Murphy-Boyer (MA). *A comparison study of group development, and rate, amount and depth of participation by gender, status and personality in a hybrid (face to face/online) course*. Department of Curriculum, Teaching and Learning, July 2001.
- Kien Nam Luu (MA). *Comparison of computer mediated communication and face-to-face discourse*. Department of Curriculum, Teaching and Learning, April, 2004.
- Vanessa Peters (MA). *Towards an understanding of student practices in asynchronous computer conferencing environments: Implications for knowledge building*. Department of Curriculum, Teaching and Learning, August 2005.
- Gary Pieters (MEd). *Using Internet resources to integrate the contributions of Canadians of African descent in inclusive school curriculum*. Department of Curriculum, Teaching and Learning, August 2002.

Mingzhu Qiu (MA). Integrating computer-based multimedia instructional design into teaching english phonetic symbols. Department of Curriculum, Teaching and Learning, October 2002.

Linda Sheppard (MEd). *Internet technologies and adults with moderate literacy skills in English*. Department of Curriculum, Teaching and Learning , May 2002.

Marisa Troiani (MEd). Assessing the needs of teachers supporting knowledge building. Department of Curriculum, Teaching and Learning, January 2005.

Committee Member - PhD

Hema Abeygunawardena (PhD). *A substantive theory of effective collaboration within asynchronous computer mediated groups*. Department of Curriculum, Teaching and Learning , June 30, 2002

Suzanne Arnold (PhD). *Current evidence of CMC facilitation strategies in online distance education courses*. Department of Curriculum, Teaching and Learning, July 20, 2005.

Leroy Clarke (PhD). *An Investigation of the Impact of Mentoring on Students' Decisions to Pursue Professions in Medicine/Health Sciences: A Sociocultural Framework for Multicultural Science Education*. Supervisor: John Wallace. Department of Curriculum, Teaching and Learning, September 10, 2010.

Kathryn Cook (PhD). *Learner control and user-interface interactions in CMC courses*. Department of Curriculum, Teaching and Learning. Department of Curriculum, Teaching and Learning, April 24, 2001.

Isha DeCoito (PhD). *Writing in Science: Exploring Teachers' and Students' Views of the Nature of Science in Language Enriched Environments*. Department of Curriculum, Teaching and Learning, June 17, 2008.

Julie Dixon (PhD). *Connecting Creativity, Technology, and Communities of Practice: Exploring the Efficacy of Technological Tools in Support of Creative Innovation*. Department of Curriculum, Teaching and Learning, Supervisor: Clare Brett. June 28, 2010.

Gunawardena Egodawatte (PhD). *Secondary School Students' Misconceptions in Algebra*. Department of Curriculum, Teaching and Learning, Supervisor Doug McDougall. December 9, 2010.

- Bruce Forrester (PhD). *An exploration of the effects of level of epistemological understanding on participation in online knowledge building communities*. Department of Curriculum, Teaching and Learning, August 9, 2006.
- Christine Frank (PhD). *Facilitating courses by computer mediated communication and the role of the teacher: the community college teacher's perception*. Department of Curriculum, Teaching and Learning, June 12, 2000.
- Wendy Freeman (PhD). *Expanding the Boundaries of Academic Participation for Graduate Students in Education*. Department of Curriculum, Teaching and Learning, March 19, 2008.
- Nobuko Fujita (PhD). *Group Processes Supporting the Development of Progressive Discourse in Online Graduate Courses*. Department of Curriculum, Teaching and Learning, December 8, 2008.
- Zekeriya Karadag (PhD). *Analyzing Students' Mathematical Thinking in Technology-Supported Environments*. Department of Curriculum, Teaching and Learning, May 12, 2009.
- Judy Kim (PhD). *Learning Grade 7 Science Concepts by Elaborate Analogies: Mainstream and East and South Asian ESL Students' Experiences*. Department of Curriculum, Teaching and Learning, November 21, 2008.
- Liesel Knaack (PhD). *Elements of effective instructional design for elementary mathematical problem solving computer software*. Department of Curriculum, Teaching and Learning, April 17, 2002.
- Alex Kuskis (PhD). *Facilitation, instructional design and community in asynchronous online courses*. Department of Curriculum, Teaching and Learning, May 17, 2006.
- Lisa Lai (PhD). *Sense of community in computer-mediated learning environments: From the learners' perspective*. Department of Curriculum, Teaching and Learning, September 15, 2003.
- Jane Lee (PhD). *Using graphing calculators in the mathematics classroom: Teachers' conceptions and their teaching practices*. Department of Curriculum, Teaching and Learning, October 6, 2006.
- Gerald Laronde (PhD). *A Case Study of Information and Communication Technology by Faculty Teaching in a Ubiquitous Laptop Bachelor of Education Program*. Department of Curriculum, Teaching and Learning, November 12, 2009.

- Edward Marinos (PhD). *The Viability of the Adult Learning Cycle (ALC) Model in Business Organizations*. Department of Curriculum, Teaching and Learning, February 18, 2009.
- Kim MacKinnon (PhD). *Examining the Impact of a Human-tech Framework for Understanding Technology Integration in Teacher Education*. Department of Curriculum, Teaching and Learning, December 9, 2008.
- Shanti McLelland (PhD). *Secondary School Teachers' Understanding about Teaching and Learning of Wealth Management*. Department of Curriculum, Teaching and Learning, April 4, 2008.
- Dawn Mercer (PhD). *Synchronous communication in collaborative online learning: Learners' perspectives*. Department of Curriculum, Teaching and Learning, September 5, 2002.
- June MacDonald (PhD). *An exploration of the use of an online Delphi method within an advocacy group*. Department of Curriculum, Teaching and Learning, September 12, 2003.
- Dragana Martinovic (PhD). *Communicating mathematics online: The case of online help*. Department of Curriculum, Teaching and Learning, May, 2004.
- Rupertia Minott-Bent (PhD). *Action research in computer education and the implications on preservice teacher development: A computer-mediated approach*. Department of Curriculum, Teaching and Learning, September 10, 2003.
- Latika Nirula (PhD). *Designing Constraint Informed Handheld-Supported Literacy Innovations for Struggling Readers*. Department of Curriculum, Teaching and Learning, September 9, 2008.
- Roland van Oostveen (PhD). *Using action research for large-scale teacher professional development: Research in science and technology education*. Department of Curriculum, Teaching and Learning, March 30, 2005.
- Lena Paulo (PhD). *An investigation of measures of information*. Department of Curriculum, Teaching and Learning, November 3, 2004.
- Bonnie Pearson (PhD). *Motivational design in computer-based health education: An evaluation of CD-ROM and Internet-based software on women, smoking and health*. Department of Curriculum, Teaching and Learning, August 11, 2004.
- Zahra Punja (PhD). *The role of knowledge building in medical education*. Department of Curriculum, Teaching and Learning, December 15, 2006.

- Richard Reeve (PhD). *Principle-Based Implementation of Knowledge Building Communities*. Department of Curriculum, Teaching and Learning, November 24, 2009.
- Jeff Scott (PhD). *Exploring the use of virtual field trips with elementary school teachers: A collaborative action research approach*. Department of Curriculum, Teaching and Learning, September 7, 2007.
- Azza Sharkawy (PhD). *An inquiry into the use of stories about scientists from diverse sociocultural backgrounds in broadening grade one students' images of science and scientists*. Department of Curriculum, Teaching and Learning, September 15, 2006.
- Debra Sibbald (PhD). *Potential for Knowledge Building in Large Size Pharmacy Classrooms*. Department of Curriculum, Teaching and Learning, August 21, 2009.
- John Stathakos (PhD). *Learning partners as an instructional design strategy to promote collaboration and community building in the online classroom*. Department of Curriculum, Teaching and Learning, October 11, 2002.
- Shelley Stephenson (PhD). *The integration of technology into a landscape architecture graduate curriculum: A case study*. Department of Curriculum, Teaching and Learning, June 1, 2007.
- Dorian Stoilescu (PhD). *Technological Pedagogical Content Knowledge Framework for Inservice Secondary Mathematics Teacher*. Supervisor: Doug McDougall. Department of Curriculum, Teaching and Learning, September 1, 2010.
- Chris Teplovs (PhD). *Visualization of Knowledge Spaces to Enable Concurrent, Embedded and Transformative Input to Knowledge Building Processes*. Supervisor, Marlene Scardamalia. Department of Curriculum, Teaching and Learning, February 11, 2010.
- Barbara Dale Vaillancourt (PhD). *Exploration of an online network with women entrepreneurs: A case study*. Department of Curriculum, Teaching and Learning, May 15, 2002.
- Ruta Valaitis (PhD). *Empowering youth: A case study of youth's use and perceptions of computers to support community development*. Department of Curriculum, Teaching and Learning, March 8, 2002.
- David Walker (PhD). *Computer-aided collaboration in a graduate level music analysis course: An exploration of legitimate peripheral participation*. Department of Curriculum, Teaching and Learning, April 19, 2001.

Gita Wassmer (PhD). *Supporting New School Leaders: The Benefits of Online Peer Communities*. Supervisor: Jim Slotta. Department of Curriculum, Teaching and Learning, January 11, 2011.

Rosemary Waterston (PhD). *Using computer mediated communication to enhance case-based interprofessional education*. Department of Curriculum, Teaching and Learning, August 16, 2006.

Maureen Wideman (PhD). *Caring, Sharing, Coping and Control: Academic Dishonesty and the Nursing Student*. Department of Curriculum, Teaching and Learning, June 3, 2009.

Susan Yoon (PhD). *Exploring the Application of an Evolutionary Educational Complex Systems Framework to Teaching and Learning About Issues in the Science and Technology Classroom*. Department of Curriculum, Teaching and Learning, April 4, 2005.

Committee Member - EdD

Tom Conklin (EdD). *Learning in high school asynchronous online discussion: A qualitative study*. Department of Curriculum, Teaching and Learning, April 25, 2005.

Roy Greenwood (EdD). *Educator acquisition and application of recent neurological and cognitive research*. Department of Curriculum, Teaching and Learning, June 21, 2006.

Jane Lewis (EdD). *Perceived learning needs of post secondary faculty of institutions moving towards online course delivery*. Department of Curriculum, Teaching and Learning, December 17, 2001.

Qing Li (EdD). *Understanding the learning process: An exploration of collaborative learning in an educational environment using computer-mediated communication*. Department of Curriculum, Teaching and Learning, July 9, 2001.

David Lloyd (EdD). *Teaching styles and faculty attitudes towards computer technology in teaching and learning at a college in Ontario*. Department of Curriculum, Teaching and Learning, October 15, 2001.

Committee Member - MA

Jennifer Claro (MA). *Effects of Asynchronous CMC and Face-to-Face Discussion on Oral Production*. Department of Curriculum, Teaching and Learning, April 2008.

- Cresencia Fong (MA). *What teachers think when viewing video modelling of exemplary practice*. Department of Curriculum, Teaching and Learning, July 2002.
- David Fono (MSci). *Structuring and supporting persistent chat conversations*. Department of Computer Science, September 2006,
- Rochelle Guilford (MA). *Assessing e-portal suport for educational reform: A commentary and rubric*. Department of Curriculum, Teaching and Learning, January 2002.
- Mansureh Kebritchi (MA). *Narrative and episodic facilitating styles in computer mediated confernces: Learners' perspectives*. Department of Curriculum, Teaching and Learning, April 2002.
- Jennifer Anne Kottick (MA). *Inquiry into the issues of democracy and peace education in a kindergarten program*. Department of Curriculum, Teaching and Learning, August 2003.
- Robert Lee (MA). *Pre-service geography teachers' self perceptions of readiness for technology implementation*. Department of Curriculum, Teaching and Learning, September 2003.
- Kimberley Mackinnon (MA). *Exploring the effects of using distributed computational devices in secondary science*. Department of Curriculum, Teaching and Learning, January 2003.
- Lena Paulo (MA). *Information Overload in computer-mediated communication and education: Is there really too much information? Implications for distance education*. Department of Curriculum, Teaching and Learning, 1999.
- Olivia Anne Robertson (MA). *Group interaction in computer mediated communication: Does gender play a role?* Department of Curriculum, Teaching and Learning, September 2000.
- Ludmila Shanta (MA). *Art Museum Electronic Education Sites: A Prolegomenon*. Department of Curriculum, Teaching and Learning, August 2003.
- Jihyun Si (MA). *Cultural comparison of students' role adjustment in online learning environments*. Department of Curriculum, Teaching and Learning, September 2005.
- Nicole van Woudenberg (MA). *Title unknown*. Department of Curriculum, Teaching and Learning, April 2005.

Lisa Young (MA). Promoting social collaboration: The impact of information visualization on community discourse. Department of Curriculum, Teaching and Learning, January 2004.

Nathan Zhao (MA). *Chinese students' participation in educational asynchronous computer conferencing*. Department of Curriculum, Teaching and Learning, April 2005.

Examination Committee Member

Janet Killins (PhD). *Educators collaborating across cultures in a computer mediated communications environment*. Department of Curriculum, Teaching and Learning, October 3, 2001.

Frima Starr (PhD). *Satisfaction factors reported by health care workers engaged in computer-based learning*. Department of Curriculum, Teaching and Learning, December 18, 2001.

External Examiner

Leung Wai Hung (MPhil). Characterizing and fostering students' knowledge building and scientific understanding. The University of Hong Kong, January 24, 2007.

Graduate Supervisions in Progress

	Supervisor	Committee Member
Ph.D.	4	5
Ed.D.	0	0
M.A.	1	0
M.Ed. (MRP)		

Supervisor: Masters Level

Najmeh Fakhraie (MA). Status: Starting program.

Supervisor: Doctoral Level

Jodi Asbell-Clarke (PhD). *The Development of a Virtual Scientific Community of Practice* Status: Preparing proposal.

Lora Woodall (PhD). *Transitioning to online education in the Caribbean: The University of the West Indies*. Status: Collecting data.

Dan Zingaro (PhD).

Marla Zupan (PhD).

Committee Member

Katarin MacLeod (PhD). Status: Unknown. Inactive?

Amy Paradine (PhD). Status: Unknown. Inactive?

Hedieh Najafi (PhD)

Gavriel Ayyavoo (PhD)

Brenda McLoughlin (MA)

Bev Caswell (PhD)

HyeRan Park (PhD)

Priscilla Bengo (PhD)

Undergraduate (Teacher Education) Supervision

Supervision includes: On-site observations / debriefing of teacher candidates, on-site consultations / meetings with associate teachers, email communication, telephone conversations, providing additional resources and advice where needed and to other candidates in the program needing additional support.

Pre-Service Teaching Supervision

2008-09: Fall: 8, Spring 0 (sabbatical), Total 8.

2007-08: Fall: 4, Spring 9, Total 13.

2006-07: Fall: 6, Spring 5, Total 11.

2005-06: Fall: 5, Spring 5, Total 10.

2004-05: Sabbatical.

2003-04: Fall: 8, Spring 6, Total 14.

2002-03: Fall: 8, Spring 5, Total 13.

2001-02 Fall: 5, Spring: 6, Total: 11.
2000-01 Fall: 14, Spring: 9, Total: 23.
1999-00 Fall: 17, Spring: 13, Total: 30.
1998-99 Fall: 18, Spring: 15, Total: 33.

Graduate Assistant Supervision

2008-2009

- Mingzhu Qiu: Research Assistant

2007-2008

- Vanessa Peters: Graduate Assistant
- Arif Anwar: Graduate Assistant
- Kim Mackinnon: Research Assistant

2006-2007

- Vanessa Peters: Graduate Assistant
- Mingzhu Qiu: Research Assistant

2005-2006

- Vanessa Peters: Research Assistant
- Mingzhu Qiu: Research Assistant
- Laura O'Grady: Graduate Assistant

2004-2005

- Ashifa Jiwani: Research Assistant
- Qin Liu: Research Assistant
- Lisa Romkey: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)
- Mingzhu Qiu: Graduate Assistant
- Lisa Young: Graduate Assistant

2003-2004

- Vanessa Russell: Teacher Education Program Assistant
- Ashifa Jiwani: Research Assistant
- Lisa Romkey: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)

2002-2003

- Pier Junor: Teacher Education Program Assistant
- Wendy Hardman: Research Assistant
- Mingzhu Qiu: Research Assistant
- Susan Yoon: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)

- Roland van Oostveen: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)

2001-2002

- Dale Vaillancourt: Research Assistant
- Hema Abeygunadarwena: Research Assistant
- Marni Binder: Teacher Education Program Assistant
- Susan Yoon: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)
- Roland van Oostveen: Research Assistant (supervision shared with Larry Bencze and Erminia Pedretti)
- Wendy Hardman: Research Assistant

2000-2001

- Dariel Jacobs: Teacher Education Program Assistant
- Dale Vaillancourt: Research Assistant

1999-2000

- Dariel Jacobs: Teacher Education Program Assistant

1998-1999

- Samson Nashon: Teacher Education Program Assistant

J. University Service

2011:

Professional Development Initiatives

- February 15, April 28, October 6: 21st Century Skills – Mindshift Project
- Lyn and Linda's project: KNAER

Research:

- Research Groups with Clare
- Research Groups with Earl

RAC:

- RAC: Support Shelley-Stagg Peterson, Indigo Esmonde,

Pepper Improvements:

- French version

Pepper Presentations

- Pepper in Midtown
- Pepper Introduction to Linda's class
- Guest lecturer: Ruben's class: February 24

Master of Teaching Program:

- Mt Admin team meetings
- Teacher Education Fair: November 2
- MT Self Study
- Practice Advice Potluck: October 26
- Practicum Launch Party: October 28
- MT Research Day
- Graduate Fair presentations – October 25
- Work with Kim Fry to organize “Environment Day” for MT program
- Presentation to the Danish School Council
- MT Faculty meetings
- MT: Communications Committee
- MT Coordinators Meetings

Committees:

- Two-year ITE planning Committee
- PAC
- Transitional Council Committee
- Meeting with the Four Pathways group – Program Director’s Meeting
- Chair, Research Advisor Council
- CTL Council Executive
- Research Standing Committee Chair
- Blue Skies meetings
- RAC Events: Grant-writing workshop: May 25th
- RAC Events: Technology and Graduate teaching
- Workload committee
- PTR Committee
- CTL Council
- Faculty Council

Promotion Committees

- Promotion Committee: Patrick Finnessy
- Tenure Committee: Indigo Esmonde
- Tenure committee: Julie Kerekes

Graduate Students

- Carrie Annable: Doug
- Alexander Antropov: Doug
- Gabriel Ayyavoo
- Bev Caswell defense: May 25th, 2011
- Rebecca Cober: MA: Slotta
- Vanessa Farren - Doug
- Pauline Fu defense: January 20, 2012
- Corina Georgescu, PhD- Doug
- Limin Jao – Doug

- Jodi Jenkinson Committee
- Leila Lax Defense: January 17, 2012
- Shannon Larsen committee - Doug
- Sheryl MacMath: August 24th
- Brenda McLoughlin thesis committee - Doug
- Hedieh Najafi – January 13, 2012, defended.
- HyeRan Park thesis committee - Earl
- Kamla Reid:
- Glenn Wagner thesis committee – Marlene
- Agnes Wong: MA Signed: January 13, 2012
- Naxin Zhao

Supervisions

- **Marla Zupan: supervisor**
- **Alexandra Makos: supervisor**
- **Dan Zingaro: supervisor**
- **Najmeh – graduated**
- **Jodi defense: September 14, 2012**
- **Lora Woodall defense: April 13, 2011.**

Faculty:

- Coordinator: Central Option (1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004).
- ICT Committee (2001-2002 (chair), 2002-2003 (chair), 2003-2004)
- Teaching for Depth Committee (2003-2004)
- Awards Committee (1999-2000, 2000-2001, 2001-2002, 2002-2003)
- Search Committee for the Elementary Preservice Director (2003-2004).
- Search Committee for the Tenure-Stream Technology Position in Curriculum, Teaching and Learning (2001-2002, 2002-2003, 2003-2004).
- Faculty Council Executive (2001-2002, 2002-2003, 2003-2004).
- Pakenham Awards Committee (2002-2003)
- Hands-On Information Technologies (HOIT) project (1998-1999)
- Preservice Profile Readings (1999-2000, 2000-2001, 2002-2003)
- Action Research Conference committee (1999-2000)
- Working Group on Technology and Education (2000-2001, 2001-2002)
- Volunteer for internal blind reviews of faculty SSHRC Standard Research Grants (2002, 2003)
- Canadian Journal of Science, Mathematics and Technology Interim Management Board (Chair: 2006-2007, 2007-2008)
- Undergraduate Education Ethics Review Committee (2006, 2007)
- Reviewer for Three-Year Tenure Report
 - Indigo Esmonte (August, 2009)
- Reviewer for Applications for Promotion
 - Ron Lancaster (October, 2008)
 - Kathy Broad (November, 2007)
- Final Oral Chair:

- Gabrielle Hezekiah, SESE, February 20, 2006.
- Rong Bing Huang, Department of Management, September 6, 2005.
- Neo Loizides, Department of Political Science, May 17, 2005.
- Lynette Plett, AECF, September 7, 2006.
- Yongqin Zhang, Geography, March 12, 2007.
- Palmina Ioannone, HDAP, November 30, 2007.
- Valerie Mary Lopes, TPS, September 10, 2008.

Department

- CSTD Program Co-Coordinator (2008-2009).
- PTR/Merit (1998-99, 1999-2000, 2002-2003, 2003-2004)
- CTL Academic Planning: Restructuring Preservice (2003-2004)
- Reviewer: Graduate Assistant Awards (2001-2002, 2006-2007)
- Reviewer: Comprehensive Exams (2000-2001, 2001-2002, 2002-2003, 2003-2004, 2006-2007)
- Reviewer: CTL Comprehensive Exams (2001-2002, 2005-2006)
- CTL Council (2001-2002, 2002-2003, 2003-2004, 2005-2006, 2006-2007, 2007-2008, 2008-2009)
- CTL Planning and Priorities Committee (2001-2002, 2002-2003, 2003-2004 (chair))
- Tenure-Stream Committee for CTL Restructuring (2001-2002)
- Computer Applications Ethical Review Committee (15 reviews) (1998-1999, 1999-2000).
- Computer Applications Awards Committee (2000-2001)
- MT Admissions (2005-2006, 2006-2007)
- CTL Admissions Committee (Chair: 2006-2007, 2007-2008, 2008-2009, 2009-2010)
- CTL Awards (2005-2006)

Centre Service:

- Member: Eleventh Floor Lab Steering Committee (1998-1999, 1999-2000, 2000-2001, 2001-2002, 2002-present)
- Member: Imperial Oil Centre Multimedia Lab Committee (2000-2001, 2001-2002)

K. Service to the Academic and Professional Communities

Executive Positions / Consulting

- Member of the Editorial Board of the Canadian Journal of Science, Mathematics & Technology Education. July 2008 to present.
- Member of the QWERTY Journal Scientific Board, 2005 to present.
- Member of the Conference Planning Committee for the International Society of the Learning Sciences (2002 to 2007)
- Consultant: ICT Competencies in Initial Teacher Education Programs: Priorities for Ontario Universities (2001 to 2002)
- Treasurer, AERA Special Interest Group: Computer Applications in Education. May 1998 to May 2000.

- Member of the External Advisory Board for the development of the *New Media Communications* programme at Georgian College. October 1997 to April 1998.
- Poster Session Chair, Computer Support for Collaborative Learning Conference '97 Steering Committee. 1997.

Reviewing

- Reviewer for *Canadian Journal of Science, Mathematics and Technology Education* (2007, 2008, 2009).
- Reviewer for *American Journal of Distance Education* (2008).
- Reviewer for *Computers & Education* (2005, 2008).
- Reviewer for the *Journal of Learning Sciences* (2003, 2005).
- Reviewer for the *Journal of Educational Computing Research* (2000, 2002).
- Reviewer for *Distance Education* (2001)
- Review for *Journal of Interactive Media in Education* (JIME) (1998-1999)
- Reviewer for *Research in Science Education* (RISE) (2000-2001)
- Reviewer for *Canadian Journal of Science, Mathematics and Technology Education* (2002)
- External Appraiser of Jianwei Zhang tenure application (2009).
- External Appraiser of Trena Paulus tenure application (2008).
- External Appraiser of Kevin Oneill tenure application (2005).
- Reviewer for AERA proposals, Division C (2000-present)
- Reviewer for SSHRC Standard Research Grant Research proposals (2001, 2002)
- Reviewer of a book chapter in S. Barab, R. Kling & J. Gray (Eds.) *Designing virtual communities in the service of learning*. Cambridge MA: Cambridge University Press.

Memberships

- International Society of the Learning Sciences (ISLS)
- American Educational Research Association (AERA)
- National Association for Research in Science Teaching (NARST)
- Science Teachers Association of Ontario (STAO)
- Ontario College of Teachers (OCT)
- Association for the Advancement of Computing in Education (AACE)
- AERA SIG: Computer Applications in Education

L. Honours

- Doctoral Student Jodi Asbell-Clarke wins Emerging Scholar Award (2011), Applied Research in Virtual Environments for Learning Special Interest Group. American Educational Research Association.
- Award for outstanding software: 1998 for the program *The Vocabulary Analyzer*, demonstrated at the Telelearning Network Centres of Excellence Conference, Vancouver, B. C.
- Award of Merit: 1987 for the program *CO-CO* in the category of Microcomputer CIA/CAL Programs

- Association for Media and Technology in Education in Canada (AMTEC).
- Award of Merit: 1986 for the program *Polyhedra*
in the category of Microcomputer CIA/CAL Programs
Association for Media and Technology in Education in Canada (AMTEC).
 - Dean's Honor List: 1986, Bachelor of Education, Althouse College, University of
Western Ontario.
 - Best Media Project: 1986: Althouse College, University of Western Ontario.

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