



July 1, 2008 - June 30, 2009

Institute for Research on Learning Technologies

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1. Mandate

The Institute for Research on Learning Technologies (IRLT) has a broad mandate to engage in systematic inquiry, discussion, and information sharing related to the uses of technology in teaching and learning. Originally established in 1987 within the Faculty of Education as the Centre for the Study of Computers in Education (CSCE), the Institute became a university-based research unit in June 2001 and was re-named. IRLT encourages the formation of links with faculty members across the university and with schools, government, and industry to provide collaborative, multidisciplinary approaches to research problems and issues. More specifically, the goals of the Institute are as follows:

- To engage in research, study, and public discussion of issues related to the pedagogical uses of technology and to the moral, ethical, and educational implications of its use;
- To develop projects that make innovative uses of new technologies in teaching and learning;
- To maintain an active program to disseminate findings of its projects, its activities, and developments in the field to educators and other interested parties;
- To foster collaboration between academics, educators, and industry and government personnel on research and development problems and issues of mutual concern and interest.

In 2006 IRLT members developed a six year plan with the aim of becoming *one of the premier university-based research institutes in North America focusing on the study of teaching and learning with technology*. Eight strategic goals were enunciated to help achieve this vision. These are listed below together with brief comments on achievements in each area during 2008-09.

STRATEGY	ACCOMPLISHMENTS DURING 2008-09
Form Special Interest Groups (SIG) in Focus Areas	<ul style="list-style-type: none"> ▪ Planning began to establish a second SIG in the area of teaching and learning with technology in higher education and the workplace.
Increase Our External Profile	<ul style="list-style-type: none"> ▪ Increased efforts made to identify faculty as IRLT members when publishing/ speaking ▪ Tracked IRLT Website usage using Google Analytics, which will help us identify what visitors are viewing/downloading on our site, how often they do so (hits), their search query terms, and their geographic location.
Initiate a Visiting Scholars Program	<ul style="list-style-type: none"> ▪ Due to the labour disruption during the academic year no initiatives were undertaken.
Influence the Hiring Process	<ul style="list-style-type: none"> ▪ No new hiring opportunities were identified that related IRLT's research agenda.
Establish an External Advisory Committee	<ul style="list-style-type: none"> ▪ Established in spring 2006 and continues to meet regularly.
Restructure Executive Committee	<ul style="list-style-type: none"> ▪ Coordinators of SIGs are members of the Executive.
Raise Funding for Infrastructure	<ul style="list-style-type: none"> ▪ Digital Futures Fund for faculty/staff donations is operating. ▪ Plans were begun for a major fund raising event but they were delayed because of the labour disruption during the academic year.
Obtain Secure Support Services	<ul style="list-style-type: none"> ▪ A 1/3 clerical support person was shared with the Faculty Support Centre.

2. Organizational Structure and Staffing

Personnel

IRLT is a university-based research unit, therefore the Vice-President (Research and Innovation) appoints the director. The current and founding director is Professor Ron Owston (Education). York University provides release time and an administrative stipend according to the YUFA collective agreement. During 2008-09 when Professor Owston was on sabbatical, Associate Director Mary Leigh Morbey (Education) was Acting Director. In her stead, Professor Jean Adams (Schulich) served as Acting Associate Director. Digital Dimensions: the Arts and Virtual Culture Special Interest Group was co-chaired by Mary Leigh Morbey and Caitlin Fisher (Fine Arts).

IRLT employs Herb Wideman full time on annual contract as Senior Researcher, while Kathryn Cook (a faculty member at Georgian College) occasionally works part time as a Research Assistant and is our volunteer Webmaster. Joseph Ratnasigham

from CNS is employed as a clerical assistant on a 1/3rd time basis. Typically, the Institute hires several students annually as Graduate Research Assistants to work on various research projects.

Governance

The Executive Committee is responsible for setting strategic priorities and policies for IRLT. Its membership consists of the following: the Director, Associate Director, two Members-at-Large, SIG coordinator(s), and a Graduate Student. In 2008-09, Professor Suzanne Macdonald (Health), Richard Jarrell (Science & Engineering), and Denys Lupshenyuk (Education graduate student) filled the latter three positions. Professor Morbey filled the Associate Director and the Digital Culture and the Arts SIG coordinator positions. The Members-at-Large and the graduate student members are approved annually by the membership; the others are ex-officio voting positions.

The terms of reference for the IRLT Advisory Board are as follows:

- To provide an external view of IRLT activities and outputs
- Advise on strategic directions and opportunities
- Raise the profile of IRLT with external communities.

The Board consists of three external members as well as the Executive Committee. The external members in 2008-09 were Marty Keast (Pearson Canada), Wendy Crawford (HP Canada) and Robert Martellacci (Mindshare Learning).

Publications

IRLT publishes a series of technical reports based on members' research. These reports are made available to the research community at the Institute's Web site. A listing of this past year's reports is below in the *Activities* section.

3. Active Membership List

IRLT has members from all Faculties at York as well as Glendon College. Some IRLT members focus on learning technologies as their primary research interest with all of their publications and grant writing centering on this topic; others have it as a secondary or joint research interest and publish less regularly in this area; while still others are mainly interested in improving their teaching through the use of technology, receive teaching/project development grants, and/or write conference papers about their teaching with technology and more generally support IRLT's goals. Membership is voluntary and members are not formally reviewed. York faculty membership for 2009-09 was as follows:

Name	Affiliation
Alison Griffith	Faculty of Education
Ananya Mukherjee-Reed	Department of Political Science, Faculty of Arts
Avi Cohen	Department of Economics, Faculty of Arts
Bill Found	Faculty of Arts/Environmental Studies
Caitlin Fisher	Department of Film, Faculty of Fine Arts
Carolyn Steele	Career Centre

Chloe Brushwood Rose	Faculty of Education
Dalton Kehoe	Division of Social Science, Faculty of Arts
Evelyne Corcos	Department of Psychology, Glendon College
Francoise Mougeon	Department of French Studies, Glendon College
Gareth Morgan	Schulich School of Business
Graham Orpwood	Faculty of Education; York/Seneca Institute for Science, Mathematics, Technology, and Education
Heather Lotherington	Faculty of Education
Ilo Katryn Maimets	Steacie Science Library
Jean Adams	Schulich School of Business
Janet Murphy	ABEL Program, Research and Innovation
Jennifer Jenson	Faculty of Education
Karen Anderson	Dept of Sociology, Faculty of Arts
Laurie Wilcox	Dept of Psychology, Faculty of Health
Margaret Sinclair	Faculty of Education
Mary Leigh Morbey	Faculty of Education; Associate Director, IRLT
Mary Louise Craven	Communication Studies, Faculty of Arts
Monique Adriaen	Dept of French Studies, Faculty of Arts
Niamh Hennessey	School of Social Sciences, Atkinson
Peggy Warren	Reference, Scott Library
Peter Roosen-Runge	Department of Computer Science, Faculty of Science & Engineering
Poonam Puri	Osgood Hall Law School
Radu Campeanu	School of Analytic Studies & Information Technology, Atkinson
Razika Sanaoui	Faculty of Education
Renate Wickens	Fine Arts Cultural Studies, Faculty of Fine Arts
Richard Jarrell	Division of Natural Science, Faculty of Science & Engineering
Richard Saunders	Department of Political Science, Faculty of Arts
Roberta Sinyor	Department of Languages, Literatures & Linguistics, Faculty of Arts
Ron Owston	Faculty of Education and Director, IRLT
Ron Sheese	Department of Psychology, Faculty of Arts
Ros Woodhouse	Centre for the Support of Teaching (CST)
Sam Lanfranco	School of Analytic Studies & Information Technology, Atkinson
Shelley Hornstein	Art/Architectural History, Department of Visual Arts, Faculty of Fine Arts
Stan Shapson	Vice-President (Research & Innovation); Faculty of Education
Stephen Chen	School of Analytic Studies & Information Technology, Atkinson
Suzanne McDonald	Dept of Psychology, Faculty of Health

Tom Johnson	Osgoode Hall Law School
Zbigniew Stachniak	Dept of Computer Science & Engineering, Faculty of Science & Engineering

There are 43 York members in total excluding staff and graduate students; in addition, several Seneca College faculty are also affiliated with IRLT.

4. Member Activities

Listed below are *selected* (a full list would be too extensive) articles, chapters, and books of members, as well as conference papers, reports, awards, and technology development activities of members during 2008-09.

*Selected Articles, Chapters, Published Conference Proceedings, and Books (IRLT members indicated in bold, graduate students with *)*

Brushwood Rose, C. (2009). The (Im)possibilities of Self Representation: Exploring the limits of storytelling in the digital stories of women and girls. *Changing English*, 16 (2), 211-220.

de Castell, S., Boschman, L. & **Jenson**, J. (2009) In and Out of Control. In *Loading: A Journal of the Canadian Game Studies Association*, 2, 1, n.p.

de Castell, S. & **Jenson**, J. (2009). As if or Just like: From Simulation to Imitation in Digital Games. Proceedings of the Digital Games Conference. Brunel University, England.

Fukuda K., **Wilcox** L.M., Allison R.S., & Howard I.P. (2009) A reevaluation of the tolerance to vertical misalignment in stereopsis. *Journal of Vision*, 9, 2, 1-8.

Hess R.F., & **Wilcox** L.M. (2008) The transient nature of 2nd-order stereopsis. *Vision Research*, 11, 1327-1334.

Hornstein, S. (2009). Splash and Flash! The Man Who Swam into Virtual Space, *Jewish Topographies: Visions of Space, Traditions of Place*, eds. Julia Brauch, Anna Lipphardt and Alexandra Nocke (Ashgate), 277-289.

Ivkovic, D. & **Lotherington**, H. (2009). Multilingualism in cyberspace: Conceptualizing the virtual linguistic landscape. *International Journal of Multilingualism*, 6 (1), 17-36

Jenson, J. & de Castell, S. (In Press). Girls@Play: An Ethnographic Study of Gender and Digital Gameplay. In *Feminist Media Studies*, 2, 11, 2011.

Jenson, J. & de Castell, S. (In Press). Gender, Simulation and Gameplay: A Review of the Literature. In *Simulation and Gaming*.

Jenson, J. & de Castell, S. (forthcoming) Girls@play: An ethnographic study of gender and digital gameplay. *Handbook of Research in the Social Foundations of Education*. Annette Henry and Steve Tozer, (Eds.), (in press), and, slightly revised, in vol. 11, no. 2 (June 2011) of *Feminist Media Studies*.

- Jenson, J. & de Castell, S., Taylor,* N., Droumeva, M. & Fisher, S.** The Gigue is Up. Proceedings of the Digital Games Conference 2009. Brunel University, England.
- Jenson, J., de Castell, S., Taylor*, N. & Droumeva, M.** (2008). High Culture Gets Game. Futureplay Annual Proceedings. ACM digital Library.
- Lotherington, H.** (2009). Learning narratives through a multiliteracies approach: Radically rewritten traditional tales at Joyce Public School. In D. Booth, C. Jupiter & S. Stagg Peterson (Eds.) *Books, Media, and the Internet: Children's Literature for Today's Classrooms* (pp. 97-105). Portage and Main.
- Lotherington, H.** (in press). Digital Narratives, cultural inclusion and educational possibility: Going new places with old stories in elementary school. In R. Page & B. Thomas (Eds.), *New narratives: Theory and practice*. University of Nebraska Press.
- Lotherington, H. & Sinitskaya Ronda*, N.** (in press). Introduction: digilit@York. Digital literacies [Special issue]. *E-Learning*.
- Lotherington, H., Neville-Verardi, D., & Sinitskaya Ronda*, N.** (2009). English in cyberspace: Negotiating hypertext literacies. In L.B. Abraham & L. Williams (Eds.), *Electronic discourses in language learning and language teaching* (pp. 11-42). Amsterdam: John Benjamins.
- Lotherington, H.** (2008). Digital epistemologies and classroom multiliteracies. In T. Hansson (Ed.) *Handbook of digital information technologies: Innovations and ethical issues* (pp. 263-282). Hershey, PA: IGI Global.
- Lupshenyuk*, D., & **Adams, J.** (2009). Workplace learners' perceptions towards a blended learning approach. In C. Ardil (Ed.), *Proceedings of World Academy on Science, Engineering, and Technology, 54* (pp. 536-540). Paris, France.
- Lupshenyuk*, D. (2008). Barriers and motivators to blended learning in a corporate setting in Canada. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 2940-2944). Chesapeake, VA: AACE.
- Morbey, M. L., & Steele*, C.** (in press). Metamodal mastery: Virtual mediations of transdisciplinarity in higher education. In C. Whithaus, & T. Bowen (Eds.), *Multimodal literacies and emerging genres of student compositions*.
- Morbey, M. L.** (2009). National museum websites: Colonizing and de-colonizing. In M. Bermann, & T. Faust (Eds.), *Handbook of Business and Finance* (Chapter 7). Hauppauge, NY: Nova Science Publishers.
- Morbey, M. L., & Steele*, C.** (2009, April). Beyond the remix: Clarifying mastery in virtual environments. *Proceedings of the Media in Transition 6: Stone and Papyrus, Storage and Transmission International Conference* online at <http://web.mit.edu/comm-forum/mit6/papers/Morbey.pdf>
- Morbey, M. L., & Steele*, C.** (2008, July). Metamodal mastery: Virtual mediations of transdisciplinarity in higher education. In G. Tchibozo (Ed.), *Proceedings*

of the Paris International Conference on Education, Economy and Society, 2, 627-638.

- Morgan, G., & Adams, J.** (2009). *Teamwork: A blended learning resource for supporting effective teamwork*. Toronto: York University.
- Morgan, G. & Adams, J.** (2009). Pedagogy First! Making web-technologies work for soft-skills development in leadership and management education, *Journal of Interactive Learning Research*, 20(2), 129-156.
- Murphy, J., & Lebens, R.** (2009). Leveraging new technologies for professional learning in education: Digital literacies as culture shift in professional development. *E-Learning*, 6(3).
- Owston, R. D.** (2009). Digital immersion, teacher learning, and games. *Educational Researcher*, 38, 270-273.
- Owston, R. D.** (2008). Professional learning and technology to support school reform. In G. F. Ollington (Ed), *Teachers and teaching strategies, problems, and innovations*. Hauppauge, NY: Nova Science.
- Owston, R. D.** (2008). Models and methods for technology evaluation. In J. M. Spector, M. D. Merrill, J. van Marrienoer, & M. P. Driscoll (Eds.), *Handbook of research on educational communications and technology* (3rd ed.). New York: Routledge.
- Owston, R. D., Sinclair, M., & Wideman, H. H.** (2008). Blended learning for professional development: An evaluation of a program for middle school mathematics and science teachers. *Teachers College Record*, 110(5), 1033-1064.
- Owston, R. D., Wideman, H. H., Sinitskaya Ronda*, N., & Brown*, C.** (2009). Computer game development as a literacy activity. *Computers & Education*, 53, 977-989.
- Owston, R. D., Wideman, H. H., Murphy, J., & Lupshenyuk*, D.** (2008). Blended teacher professional development: A synthesis of three program evaluations. *Internet & Higher Education*, 11, 201-210.
- Sinclair, M., & Wideman, H. H.** (2009, July). TI-Navigator implementation, and teacher conceptions of math and math teaching. In Tzekaki, M., Kaldrimidou, M. & Sakonidis, H. (Eds.), *Proceedings of the 33rd conference of the International Group for the Psychology of Mathematics Education* (Vol 5, pp. 105-112). Thessaloniki, Greece.
- Sinitskaya Ronda*, N. (in press). Postscript. The many faces of digital literacies: Moving forward. Digital literacies [Special issue]. *E-Learning*.
- Sinitskaya Ronda*, N., **Owston, R. & Sanaoui, R.** (2009). "Voulez-vous jouer?" [Do you want to play?]: Game development environments for literacy skill enhancement. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2009* (pp. 3795-3802). Chesapeake, VA: AACE.

- Tsirlin, I, Allison, R.S., & **Wilcox**, L.M. (2008) Stereoscopic transparency: constraints on the perception of multiple surfaces. *Journal of Vision*, 8, 5,5.
- Wilcox**, L.M., & Harris, J. M. (in press). Depth Perception in *The encyclopedia of the eye*. Bex P. (Ed.), Elsevier Ltd: Oxford.
- Wilcox**, L.M., Tsirlin I., & Allison R.S. Perceptual asymmetries in stereo-transparency: The role of disparity interpolation, Vision Sciences Society, 2009.

Selected Conference Papers/Talks/Invited Addresses

- Adams**, J. (2009, May). Invited to present *Blended learning strategies for promoting workplace learning and performance improvement* at CSTD (Halton/Peel Chapter).
- Adams**, J. (2009, April). Reinventing management education: How Schulich is transforming classrooms with innovative technology” at York University’s SCTE with Ron McClean and Gareth Morgan.
- Adams**, J. (2009, February). *e-Powering tomorrow’s leaders – Part 2* at the HP Technology for Teaching Conference (San Diego,CA).
- Adams**, J. (2009, October). “Case Study: Comparing Blended Learning Strategies and Impacts on Soft-skills Development at Scotiabank” with Rita Hanesiak at CSTD conference (Toronto, ON).
- Cohen**, A. (2009). Panelist: *Blended learning for advancing education & workplace learning*, Institute for Research on Learning Technologies (organized by Jean Adams), 2 April 2009.
- Hornstein**, S. (2009). Keynote Speaker, *Shaping what we see: The conversations between art and the museums that house it*, 13th Annual Conference, Ontario Association of Gastroenterology, Companion Program, Toronto
- Hornstein**, S. (2009). Satellite sights, virtual diasporas and topographies found” paper presented for panel: *Zoom, Grab, Click, Twitter: Technologies Transforming Space and Place*. Institute for Research on Learning Technologies, York University.
- Jenson**, J. & de Castell, S. (2009, June). *Gender, simulation and gameplay: Research and redirections*. 7th European Feminist Research Conference. Utrecht, The Netherlands.
- Jenson**, J. (2009, May). *Viral networking: Creating a health-based educational game*. CSSE, Ottawa, ON.
- Jenson**, J. de Castell, S. & Boschman, L. (2009, March). *In and out of control: Learning games differently*. Gender and Education 9th Annual Conference. London, England.
- Jenson**, J., de Castell, S., Taylor, N*., & Droumeva, M. (2008, November). *High culture gets game*. Futureplay Annual Conference. Toronto, ON.

- Jenson J. & de Castell, S.** (2008, October). *From simulation to imitation*. Education, Gameplay and Learning 2nd Annual Conference. Barcelona, Spain.
- Lotherington, H. & Lenchner, L.** (2009, May). *Project-based language and literacy learning for culturally diverse urban populations: Multimodal literacies at Joyce Public School*. Presentation at the Ontario Research Forum: Closing gaps in student achievement, Ministry of Education, Toronto.
- Lotherington, H.** (2009, March). *L1, L2, LX: Teaching multimodal learners in the millennium classroom*. Invited featured talk presented at TESOL Annual Convention, Denver, Colorado, USA.
- Lotherington, H.** (2009, January). *Rewriting language and literacy education in the urban elementary school: Multiliteracies @ Joyce Public*. Invited paper presented at Faculty of Education Research Forum, York University.
- Lotherington, H.** (2008, September). *Facilitating multilingual education in the heterogeneous classroom: Growing digital opportunities and challenges*. Invited paper presented at the Centre for Research on Language Contact seminar series, York University.
- Lotherington, H.** (2008, August). *Rewriting traditional tales as multilingual digital narratives at elementary school*. Paper presented at AILA 2008: 15th World Congress of Applied Linguistics, Essen, Germany.
- Lynch, J., Owston, R., & Wideman, H. H.** (2009, March). Innovation in Canada. In L. Shear (Chair), *Innovation around the world: Teaching, learning, and country context in an international education reform program*. Symposium conducted at the Comparative and International Education Society's 53rd Annual Conference, Charleston, South Carolina.
- Mills*, L., & Adams, J.** (2008, November). *A statistical analysis for a comparison of learning impact/outcomes using different blended learning approaches* at AAACE (Denver, Colorado).
- Murphy, J., & Sterling T.** (November 2008). *Responding to the challenge - putting digital in literacy*. Quest for Improved Student Achievement, Toronto, ON.
- Murphy, J.**, (April 2009) *New designs for teaching and learning: Innovation in Ontario*, Virtual School Society, Vancouver, BC.
- Owston, R. D.** (2009, May-June). *Teaching and learning with the web*. Workshops conducted at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia.
- Owston, R. D.** (2008, December). *Change forces: Teaching, learning, and technology on the campus of the future*. Keynote address at Microsoft Forum for Taiwanese University Presidents and CIOs. Taipei, Taiwan.
- Sinclair, M. & Wideman, H. H.** (2009, April). *Use of TI-Navigator in early secondary mathematics: Challenge and opportunity*. Paper presented in the research symposium, Learning and Teaching Mathematics in a TI-Navigator-Connected Classroom, at the Research Pre-session of the National Council of

Teachers of Mathematics 2009 Annual Meeting and Exposition, Washington, DC.

Sterling, T. & **Murphy J** (March 2009). *Lessons Learned from Using a Blended Approach for Teacher Training: Learning Connections (Phase 4)*, SITE 2009, Charleston, South Carolina

Sinclair, M., Wideman, H. H., Kallish*, L., & Fiorini*, M. (2008, July). *Linked hand-held technology in early secondary mathematics*. Paper presented at the 11th conference of the International Congress for Mathematical Education, Monterrey, Mexico.

Sinitskaya Ronda,* N., **Owston, R., & Sanaoui, R.** (2009). Voulez-vous jouer? [Do you want to play?]: Game development environments for literacy skill enhancement. Paper presented at Ed-Media 2009, Honolulu, Hawaii, USA.

Sinitskaya Ronda*, N. (2009). Online social networking: Designing digital educational spaces. Paper presented at the Canadian Society for the Study of Education Annual Conference, Ottawa, Canada.

Sinyor, R., & Gabriella Colussi Arthur, G. C. (2009, May). *Bologna live and online: Video technology as the bridge to cultural immersion*. American Association of Italian Studies (AAIS) , St. John's University, Manhattan Campus, New York City, May 7-10.

Wideman, H. H., Sterling, T., & **Murphy J.** (March 2009). *Lessons Learned from Using a Blended Approach for Teacher Training: Learning Connections (Phase 4)*. SITE 2009, Charleston, South Carolina.

Other Selected Member Activities: Projects /Course Development/Grants/Awards/Media Appearances

Adams, J. (2009). University-Wide Teaching Award awarded by the Senate Committee on Teaching and Learning (SCOTL).

Adams, J. (2008-2010). \$150,000 HP Technology for Teaching Leadership research grant awarded to further pedagogical innovation aimed at deepening, broadening and accelerating individual and collective learning in management education: e-Powering Tomorrow's Leaders - see:
<http://hpresearch.schulich.yorku.ca/>

Brushwood Rose, C. (2009-12). *Community-Based Media Pedagogy and Production in a Globalized World: Documenting Transnational and Transitional Subjects, Self-Representations, and Spaces* (Co-Investigator), Social Sciences and Humanities Research Council of Canada Standard Research Grant, \$101,238.

Cohen, (2008-09). Dean's Advisor, TEL Initiatives – Faculty of Arts, York University, 2003 - 2009. Taught one session (Fall 2008) of Arts do TEL Faculty Development course.

- Cohen, (2008-09). Development (with Kelly Parke of York Faculty Support Centre), of dynamic screen capture system for mobile devices, allowing students to download MP4 files to watch lectures on mobile devices with audio and full dynamic motion of instructor pointing at and highlighting visual images (<http://avicohen.apps01.yorku.ca/podcast/>).
- Cook, K. (2008-09). Assisted Jean Adams on Blended Learning for Soft Skills Development project; Assisted Ron Owston on evaluation of Public Health Agency of Canada's Skills Online Project.
- Lynch, J. (2009-12). *Professional development for preschool teachers: Evaluating the effectiveness on literacy teaching and learning*. Social Sciences and Humanities Research Council of Canada Standard Research Grant (with R. Owston, Collaborator) (\$120 235).
- Jenson, J. (2009). VERUS: Virtual Environments Real User Study. IARPA (U.S. Government). [Co-applicant] Principal applicant, John Murray, SRI International. \$495,000 to York, \$6.5 million award total.
- Lotherington, H., & Jesnon, J. (2008-11). *Researching new literacies in the multicultural classroom: Developing a ludic approach to linguistic challenges in elementary education*. Social Sciences and Humanities Research Council of Canada (\$125,788).
- Murphy, J. (2009). *Learning Connections Project, Phase 5*. Literacy and Numeracy Secretariat, Ontario Ministry of Education, \$266,000.
- Murphy, J. (2009) *Learning Connections Project, Phase 6*. Literacy and Numeracy Secretariat, Ontario Ministry of Education, \$294,800.
- Murphy, J. (2009) HRSDC, *Building Capacity in Early Years Project*, \$40,000.00.
- Murphy, J. (2009) *G.O.T. Game*, Inukshuk Learning Fund (together with Teach Magazine and Wero Creative) \$75,000
- Murphy, J., (2009) *Race to Mars*, Inukshuk Learning Fund (together with Teach Magazine and Wero Creative) \$75,000.
- Morbey, M. L. (2008-09). Research leader and project director of the Museum Web 2.0 project for the Uganda National Museum, Kampala, Uganda; research project is comprised of six Ugandans and two Canadians; Elizabeth Paula Napeyok – the Uganda Ambassador to France and representative of UNESCO Uganda is a research team member.
- Owston, R. D. (2007-2009). Co-applicant on a grant from the Andrew W. Mellon Foundation for the Flexible Users Interface Design (Fluid) Project in partnership with University of Toronto, University of British Columbia, Cambridge University, and University of California at Berkeley – \$3.1 million (\$325,00 to York).
- Wilcox, L. (2009). Working with Rob Allison in the Department of Computer Science & Engineering and Christie Digital Corporation on a project supported by a grant from the Ontario Centres of Excellence, Photonics.

IRLT Technical Reports (available at website)

- Adams, J., Hanesiak, R., Morgam, G., Owston, R. D., Lupshenyuk, D., Mills, L. (2009). *Blended learning for soft skills development: Testing a four-level framework for integrating work and learning to maximize personal practice and job performance*. (Institute for Research on Learning Technologies Technical Report No. 2009-5). Toronto, ON: York University.
- Wideman, H. H. (2009). *Learning Connections in action: A case study of the Algoma District School Board 2008-2009* (Institute for Research on Learning Technologies Technical Report No. 2009-1). Toronto, ON: York University.
- Wideman, H. H. (2009). *The G.O.T. Game trial evaluation report* (Institute for Research on Learning Technologies Technical Report No. 2009-2). Toronto, ON: York University.
- Wideman, H. H. (2009). *Learning Connections 2009 community survey report* (Institute for Research on Learning Technologies Technical Report No. 2009-3). Toronto, ON: York University.
- Wideman, H. H. (2009). *Learning Connections Algoma District case study supplemental report: June 2009 followup* (Institute for Research on Learning Technologies Technical Report No. 2009-4). Toronto, ON: York University.

IRLT Speaker Series

To fulfill its mandate of public dialogue and dissemination of research, IRLT sponsors a speaker series each year. Links to more details, handouts, and videos are available at <http://irlt.yorku.ca/events.html>. The events held in 2008-09 are below:

DATE	SPEAKER	TOPIC/TITLE
October 2008	Brian Goldfarb	Networks for Redefining Disorder: Internet-based Public Health Intervention Projects
April 2009	Jean Adams, et al.	Blended Learning for Advancing Education & Workplace Learning
April 2009	Shelley Hornstein et al.	Impact of Google Earth, YouTube, and Twitter have made on what we took to be fixed notions of what is local and global.
April 2009	John Bonnett	Implications of the Topographic Revolution for the Digital Humanities

5. Measures taken to Promote Equity

IRLT has a very diverse membership in terms of gender and field of specialization: 60% of its members are female which far exceeds the University's female representation on faculty; and the membership list above illustrates the variety of fields of specialization from which IRLT draws its members. Also, all three graduate students formally employed by IRLT were female. There are no barriers to

membership because the only requirement for membership is an interest in teaching and learning with technology. In addition, IRLT's Website complies with W3C standards and best practices, and is accessible for person's with disabilities.

6. Statement of Operations – see appendix

7. Budget for Current Year – see appendix

8. Student Activities/Accomplishments

As in previous years graduate students participated in all aspects of IRLT. They collaborated with faculty members and/or solely authored refereed numerous publications and conference papers. These are noted with an asterisk in Section 4 above.

9. Changes in Physical Space

No changes in space occurred during 2008-09.

10. Contractual Obligations

No contractual obligations were made during 2008-09.