

Curriculum Vitae

Andrew Clement

PRESENT POSITIONS:

- 1999- Professor
Faculty of Information Studies
University of Toronto
- Cross appointment with the Department of Computer Science (status-only)
- 2008 Academic Visitor
Institute for Advanced Studies, Lancaster University, UK
- 2005- Visiting Professor
Dept. of Sociology, Lancaster University, UK

PREVIOUS ACADEMIC POSITIONS

- 2001-07 Director
Collaborative Graduate Program in Knowledge Media Design
Knowledge Media Design Institute
University of Toronto
- 2004 Academic Visitor
Oxford Internet Institute, Oxford University
- 2003 International Visiting Scholar,
Centre for Information and Communications Technology,
Faculty of Information Technology, University of Technology, Sydney, Australia,
- 1989-98 Associate Professor
Faculty of Information Studies
University of Toronto
- 1987-89 Assistant Professor
Department of Computer Science and Mathematics
Atkinson College, York University
- 1984-87 Sessional Assistant Professor
Department of Computer Science and Mathematics
Atkinson College, York University
- 1983 Sessional Lecturer
Department of Computer Science
University of Toronto
- 1980 Sessional Lecturer
Department of Computer Science
Simon Fraser University
- 1977-80 Instructor
Business Administration Department
Vancouver Community College - Langara
- 1968-70 Teacher
Sultan Ismail College, Kota Bharu, Malaysia

EDUCATION:

- 1986 Ph.D. - Computer Science - University of Toronto
Thesis: "Managerial Control and On-line Processing at a Large Insurance Firm"
Supervisor: Prof. C. C. Gotlieb
- 1973 M.Sc. - Computer Science - University of British Columbia
- 1968 B.Sc. - Mathematics (Honours) - University of British Columbia

RESEARCH FUNDING:

- 2008-15 SSHRC, Major Collaborative Research Initiative (MCRI) (7 years, \$2,500,000)
Project Title: "The New Transparency: Surveillance and Social Sorting" (Co-applicant, with David Lyon, Queen's Univ, Principal Investigator, plus 6 other co-applicants)
- 2008-11 SSHRC Standard Research Grant (3 years, \$144,000)
Project title: "Performing Identities" (Principal Investigator)
- 2008 Ontario Ministry of Government and Commercial Services (MGCS) Broadband Strategy Research grant (2 months, \$5,000)
Project Title: "Toward an Interactive Broadband Atlas for Ontarians" (Principal Investigator, with Amelia Potter, Neal McIntyre & Tracey Lauriault)
- 2007-08 U of T Instructional Technology Courseware Development Fund grant (12 months, \$5,000)
Project Title: "BibWiki: A Tool to Enable Knowledge Building through the Collaborative Production of Annotated Bibliographies" (Co-applicant, with Gale Moore, Steve Hockema, Jun Luo & Sunir Shah)
- 2007 SSHRC, Major Collaborative Research Initiative (MCRI)(4 months, \$20,000)
Project Title: "Surveillance and Social Sorting in a post-9/11 World" (Co-applicant, with David Lyon, Queen's Univ, Principal Investigator, plus 6 other co-applicants)
- 2007 Bell University Labs, Seed Grant (12 months, \$20,820)
Project Title: "Privacy Enhancement Through Social Navigation" (Principal Investigator)
- 2007 Ontario Ministry of Government Services (MGS) Broadband Strategy Research grant (2 months, \$5,000)
Project Title: "The K-Net broadband deployment model" (Principal Investigator, with Adam Fiser)
- 2007 KMDI, Student Experience Programme award (4 months, \$2,000)
Project Title: "Educating community organizations about open source through a demonstration project" (Faculty Sponsor, with Andrew Clarke)
- 2006-07 Office of the Privacy Commission, Ottawa, Contributions Program (8 months, \$50,000)
Project Title: "CAN-ID: Visions for Canada: Identity Policy Projections and Policy Alternatives" (Principal Investigator, with Krista Boa, Simon Davies & Gus Hosein)
- 2006-08 Infrastructure Canada, Peer-Reviewed Research Studies Program. (24 months, \$221,835)
Project title: "ICT Infrastructure as Public Infrastructure: Connecting Canadians to the Knowledge-based Economy and Society," (Co-Investigator)
- 2006-07 SSHRC. Initiative for the New Economy (INE) Public Outreach Grants Program (12 months, \$49,977)
Project title: "Citizens' Telecommunications Policy Forum," (Co-Investigator)
- 2004-05 Office of the Privacy Commission, Ottawa Contributions Program (4 months, \$48,000)
Project Title: "Implementing PIPEDA: A review of internet privacy statements and on-line practices" (Principal Investigator) (Lead researcher: Rajen Akalu)
- 2004 S.S.H.R.C. Aid to Occasional Research Conferences, Grant for Participatory Design Conference PDC'04, Toronto, July 2004 (\$10,000)

- 2003-06 S.S.H.R.C. Initiative for the New Economy (INE) Research Alliances Grant (3 years, \$899,450)
Project Title: "Canadian Research Alliance for Community Innovation and Networking" (Principal investigator)
- 2003-07 S.S.H.R.C. Initiative for the New Economy (INE) Standard Research Grant (3 years, \$154,000)
Project title: "Digital Identity Constructions" (Principal Investigator)
- 2002-03 S.S.H.R.C. Initiative for the New Economy (INE) Development Grant (1 year, \$46,000)
Project Title: "Towards an Evaluation Framework for Community Learning Networks" (Principal investigator)
- 2001-04 S.S.H.R.C. Standard Research Grant (3 years, \$121,000)
Project title: "Everyday Experiences with Networked Services" (Principal Investigator)
- 1999-00 S.S.H.R.C. Strategic Research Grant (1 year, \$5,000)
Project Title: "Re-configuring public/private boundaries in the KBES: Public interest perspectives" (Principal investigator)
- 1999-00 Bell Canada University Labs, Research Grant (12 months, \$50,107)
Project Title: "User modelling methods and tools applied to Persona agents. PP-4: assessment of personal and social implications of the use of persona technology" (Principal Investigator, with Dr. Gale Moore, Felix Stalder & Brenda McPhail)
- 1996-98 Industry Canada, Research Grant (4 months, \$12,000)
Project Title: "Retail Electronic Payment Systems: Developments, Trends and Issues" (Principal investigator, with Felix Stalder)
- 1998 Health Canada, Research Contract (2 months, \$23,000)
Project Title: "Accessibility to Canada's Health Infostructure" (Principal contractor)
- 1996-98 Industry Canada, Research Grant (8 months, \$28,000)
Project Title: "Developing a Canadian Access Strategy: Universal Access to Essential Network Services" (Principal investigator)
- 1997 Universal Access Workshop Series. Co-Sponsors: Industry Canada (\$5,000), Human Resources Development Canada (\$5,000), Status of Women Canada (\$10,000), Canadian Heritage (\$7,500), Stentor Inc. (\$2,000)
- 1996-99 S.S.H.R.C. Standard Research Grant (3 years, \$50,030)
Project Title: "Electronic Representations of Workers: Digital Personae and Workplace Communications" (Principal Investigator)
- 1996-97 Bank of Montreal, Institute for Learning
Project Title: Pathway Learning Measurement Project (1 year, \$60,000)
Project Title: mbanx Learning Measurement Project (8 months, \$50,000)
(Project coordinator, with Brenda McPhail, Chris Halonen)
- 1995-96 Industry Canada, Research Grant (4 months, \$15,000)
Project Title: "Defining and Maintaining Universal Access to Basic Network Services" (Principal investigator)
- 1995-98 S.S.H.R.C. Strategic Research Grant (3 years, \$77,000)
Project Title: "Developing Information Policies for a Canadian 'Information Infrastructure'" (Principal investigator)
- 1993 S.S.H.R.C. International Conference Travel Grant (\$700)
- 1992-93 I.T.R.C. Telepresence Project (1 year, \$2,000)
Project Title: "Privacy Frameworks for Media Space Technologies"
- 1992 S.S.H.R.C. International Conference Travel Grant (\$1050)
- 1991-95 S.S.H.R.C. Standard Research Grant (3 years, \$48,150)
Project title: "Informal Systems Development Practices in Small Office Groups" (Principal Investigator)
- 1991-93 I.T.R.C. Research Grant (2 years: \$100,000)
Project Title: "Designing for Users with Animated CASE Tools" (Co-investigator, with M. Mantei - Principal Investigator, Ron Baecker, Eugene Fiume)

- 1991 S.S.H.R.C. International Conference Travel Grant (\$1400)
 1990 S.S.H.R.C. International Conference Travel Grant (\$975)
 1989-90 N.S.E.R.C. Operating Grant (1 year: \$6,500)
 Project title: "Office Group Design Practices for Desktop Computing" (Principal Investigator)
 1987-89 N.S.E.R.C. Operating Grant (2 years: \$26,000)
 Project title: "Knowledge Requirements for Office Automation" (Princ. Investigator)
 1985-89 Small Research Travel Grants, York University (\$1,200/year)
 1987 Commonwealth Secretariat, London, U.K. (Management Development Program) (\$2,500)
 1986-87 Labour Canada, Ottawa (Technology Impact Research Fund) (\$63,000)
 Project title: "Self-managed Office Automation in Small Autonomous Offices" (Principal Investigator)
 1982 Dept. of Communications, Ottawa (6 months, \$5,000)
 Project title: "Input to the Information Utility: Terms of Access"(Co-investigator)
 1981-82 Dept. of Communications, Ottawa
 Project title: "Videotex and Community Information: Designing an Evaluation" (Research Assistant)
 1976-81 Explorations Program, Canada Council, Ottawa (\$12,000)
 Project title: "Humane Computing: A Survey of its Theory and Practise" (Principal Investigator)
 1971-75 Canada Council, Ottawa
 Project title: "The Interactive Map in Urban Research" (Research Assistant)

PUBLICATIONS:

Books/ conference proceedings co-edited:

- 2004 Clement, A., de Cindio, F., Oostveen, A-M., Schuler, D., & van den Besselaar, P., (editors), *Artful Integration: Interweaving Media, Materials and Practices, Proceedings of the Participatory Design Conference (PDC04)* Volume I, CPSR, ACM (New York), 237 pp.
 Bond, A., Clement, A., de Cindio, F., Schuler, D., & van den Besselaar, P., (editors), *Artful Integration: Interweaving Media, Materials and Practices, Proceedings of the Participatory Design Conference (PDC04)* Volume II, CPSR (Palo Alto), 218 pp.
- 1993 A. Clement, P. Kolm & I. Wagner (editors), *NetWORKing: Connecting Workers In and Between Organizations*, Proceedings of the IFIP WG9.1 Working Conference, Elsevier (North-Holland), 250 pp.
- 1991 van den Besselaar, P., Clement, A., & Jarvinen, P, (editors), *Information System, Work and Organization Design*, Proceedings of the IFIP WG9.1 Working Conference, Elsevier (North-Holland), 335 pp.
- 1990 Berleur, J., Clement, A., Sizer, R., & Whitehouse, D. (editors) *The Information Society: Evolving Landscapes*, Springer Verlag/Captus, 540 pp.

Articles in books:

- 2008 Clement, A., Boa, K., Davies, S. & Hosein, G. "Toward a National ID Card for Canada? External drivers and internal complexities" to appear in *Playing the Identity Card: Surveillance, Security and Identification in Global Perspective*, Colin Bennett and David Lyon (editors), Routledge, pp. 233-250.
- Clement, A. & Hurrell, C. "Information/communications rights as a new environmentalism? Core environmental concepts for linking rights-oriented computerization movements" in *Computerization Movements and Technology Diffusion: From Mainframes to Ubiquitous Computing*, Ken Kraemer and Margaret Elliott (editors) ASIS&T Monograph Series, Information Today, Inc., Medford, NJ, pp. 337-358.
- Clement, A. & Potter, A.B. "Internet Infrastructure for All: Time for Canadian Municipalities to Step Up!" in *For Sale to the Highest Bidder: Telecom Policy in Canada*, edited by Marita Moll & Leslie Regan Shade (editors) Canadian Centre for Policy Alternatives (CCPA) Ottawa, pp. 109-119.
- 2007 Wong, M. & Clement, A. "Sharing Wireless Internet in Urban Neighbourhoods", in Steinfield, C., Pentland, B., Ackerman, M., and Contractor, N. (eds.), *Communities and Technologies 2007: Proceedings of the Third Communities and Technologies Conference*, Michigan State University, 2007, London: Springer, 275-294.
- 2004 Clement, A., Aspinall, J., Viseu, A., & Kennedy, T., "Public access, personal privacy and media interweaving in everyday internet experiences: exploring current policy concerns via a 'neighbourhood ethnography'", in *Communications in the Public Interest: – Volume II Convergence of Policy and Practice?* Marita Moll & Leslie Shade (editors) Canadian Centre for Policy Alternatives (CCPA) Ottawa, pp. 245-282.
- 2002 Clement, A., Guerra, R., Johnson, J., & Stalder, F. "National Identification Schemes (NIDS): A Remedy Against Terrorist Attack?" *Proceedings of the Sixth Conference on Human Choice and Computers HCC6*, IFIP World Computer Congress, Kluwer, Dordrecht, Netherlands, pp. 195 - 205.
- 2001 Clement, A., Moll, M. & Shade, L.R. "Debating Universal Access in the Canadian Context: The Role of Public Interest Organizations", in *E-commerce vs E-commons: Communications in the Public Interest*, Moll, Marita & Shade, Leslie (editors), Canadian Centre for Policy Alternatives, Ottawa, pp. 23-48.
- 2000 Clement, A. & Shade, L.R. "The Access Rainbow: A social/technical architecture for community networking", for *Community Informatics: Enabling Communities with Information and Communications Technologies*, Michael Gurstein (editor) Idea Group Publishing, Hershey, USA, pp. 32-51.
- 1998 Clement, A., & Shade, L.R. "Debating Universal Access in the Canadian Context: Public Interest Organizations and the Information Highway Advisory Council", in *Internet and Politics*, Maar, C., & Leggewie, C. (editors), Bollman Verlag, Mannheim (in German).
- 1997 Nangalama, M. & Clement, A., "Introducing POS Technologies into a Pharmacy Chain: Voices from the Checkout Counter", in *Women, Work and Computerization: Spinning*

- a *Web From Past to Future*, Grundy A.F. et al (editors) Proc of 6th International IFIP Conference, Springer, Berlin, pp. 351-361.
- 1996 Clement, A. "Considering Privacy in the Development of Multi-media Communications", in Kling, R. (editor) *Computerization and Controversy: Value Conflicts and Social Choices*, 2nd ed., Academic Press, San Diego, pp. 383-406.
- Clement, A. "Computing at Work: Empowering Action by 'Low-level Users'", in Kling, R. (editor) *Computerization and Controversy: Value Conflicts and Social Choices*, 2nd ed., Academic Press, San Diego, pp. 907-931.
- Clement, A., Robinson, M., & Wagner, I. "Supporting Health Care Networks: A Hierarchical Spider's Web Model", in Roche, E. and Blaine, M. (eds.) *Information Technology, Development, and Policy*, Avebury, Aldershot UK, pp. 189-208.
- Clement, A. & Wagner I. "Ethics and Systems Design: The Politics of Social Responsibility", in Berleur, J. (ed.), *IFIP's Framework for National Codes of Ethics*, Chapman and Hall, London, pp. 231-236.
- 1992 Clement, A. "Cooperative Support for Computer Work: A Social Perspective on the Empowerment of End-Users", R. Baecker (editor), *Readings in Groupware and Computer Supported Cooperative Work*, Morgan Kaufman, pp. 315-328.
- 1990 Clement, A. "Computers and Organizations", in *The Information Society: Evolving Landscapes*, J. Berleur, A. Clement, R. Sizer, and D. Whitehouse (editors), Springer Verlag/Captus, pp. 304-325.
- 1988 Clement, A. "Office Automation and the Technical Control of Information Workers", in *The Political Economy of Information*, Vincent Mosco and Janet Wasko (editors) Madison: University of Wisconsin, pp. 217-246.
- Clement, A. & Gotlieb, C.C. "Evolution of an Organizational Interface: The New Business Department of a Large Insurance Firm", *Computer-Supported Cooperative Work: A Book of Readings*, Irene Grief (editor), Palo Alto: Morgan Kaufman, pp. 609-622.

Refereed Journal Articles:

- 2008 Clement, A. & Potter, A.B. ""Saving Toronto Hydro Telecom's One Zone project from itself: alternative models for urban public wireless infrastructure," a fieldnote in the special issue on Wireless Networking for Communities, Citizens and the Public Interest of the *Journal of Community Informatics (JoCI)* Vol. 4 No. 1, 2008. <http://ci-journal.net/index.php/ciej/article/view/472>
- 2006 Viseu, A., Clement, A., Aspinall, J., & Kennedy, T. "The Interplay of Public and Private Spaces in Internet Access", *Information, Communication & Society (iCS)*, Vol. 9, No. 5, October 2006, pp. 633-656.
- 2004 Viseu, A., Clement, A., & Aspinall, J. "Situating Privacy Online: Complex perceptions and everyday practices", *Information, Communication & Society (iCS)*, Vol. 7, No. 1, March 2004, pp. 92-114.

- 1999 Stalder, F., & Clement, A. "Exploring Policy Issues of Electronic Cash: The Mondex Case", *Canadian Journal of Communication*, Vol. 24, No. 2.
- 1998 Clement, A., & Halonen, C. "Collaboration and Conflict in the Development of a Computerized Dispatch Facility", *Journal of the American Society for Information Science (JASIS)* Vol. 49, No. 5. pp. 1090-1100.
- McPhail, B., Barclay, R., Bruckmann, D., Costantino, T., & Clement, A., "CAVEAT Exemplar: Participatory Design in a Volunteer Organization", *Computer Supported Cooperative Work (CSCW)*, special issue on Participatory Design, Vol. 7, No. 3. pp. 223-241.
- 1994 Clement, A. "Considering Privacy in the Development of Multi-media Communications", *Computer Supported Cooperative Work (CSCW)*, special issue on NetWORKing, 1994, pp. 67-87. Reprinted in the anthology, *Computerization and Controversy*, (see above)
- Clement, A. "Computing at Work: Empowering Action by 'Low-level Users'" *Communications of the ACM*, Special Issue on 'Social Computing', Volume 37, #1, 1994, pp. 52-63. Reprinted in the anthology, *Computerization and Controversy*, (see above)
- Choo, C.W. and Clement, A., "Beyond Stages Models for Managing End User Computing", *Information Technology and People*, Vol. 6, #4, 1994, pp. 197-214.
- 1993 Clement, A. "Looking for the Designers: Transforming the 'Invisible' Infrastructure of Computerized Office Work", *AI and Society*, Special Issue on 'Gender and Computers in a Cultural Context', pp. 323-344.
- Clement, A. and van den Besselaar, P. "Participatory Design Projects: A Retrospective Look", *Communications of the ACM*, Vol 36, #6, 1993, pp. 29-37.
- 1992 Clement, A. "Electronic Workplace Surveillance: Sweatshops and Fishbowls", *Canadian Journal of Information Science*, Vol. 17, #4, 1992, pp. 18-45.
- 1989 Clement, A. "A Canadian Case Study Report: Towards Self-Managed Automation in Small Offices", *Information Technology for Development*, Oxford University Press, Vol. 4, #2, pp. 185-233.
- 1987 Clement, A. and Gottlieb, C.C. "Evolution of an Organizational Interface: The New Business Department of a Large Insurance Firm", *ACM Transactions on Office Information Systems (TOOIS)*, Vol. 5, #4, October, pp. 328-339. Reprinted in the anthology, *Computer-Supported Cooperative Work*, (see above)
- 1986 Clement, A. "Comment on Democracy in an Information Society", *The Information Society*, Volume 4, #1/2, June, pp. 109-112.

Refereed Conference Papers/Presentations:

- 2008 Clement, A., Costantino, T., Kurtz, D., & Tissenbaum, M. "Participatory Design and Development of Web 2.0 Sites: The case of PIPWatch - the collaborative privacy

- enhancing and accountability toolbar”, to be presented at *Participatory Design Conference (PDC08)*, Bloomington, IN, October 1-4, 2008. 10pp. (Full paper refereed)
- Clement, A. & MacDonald, S. “Reflections on Participatory Design at a Community Social Services Agency: The St Chris House Learning Network”, to be presented at *Participatory Design Conference (PDC08)*, Bloomington, IN, October 1-4, 2008. 4pp. (Exploratory paper refereed)
- Fiser, A. & Clement, A., “The K-Net Broadband Deployment Model: Enabling Canadian Aboriginal Community Control of Telecom Infrastructure Through Relationship Building and Heterogeneous Engineering”, to be presented at *IEEE International Symposium on Technology and Society (ISTAS 08)* Fredericton, NB, June 26-28. (Full paper refereed)
- Clement, A., Ley, D., Costantino, T., Kurtz, D., & Tissenbaum, M. “The PIPWatch Toolbar: Combining PIPEDA, PETs and market forces through social navigation to enhance privacy protection and compliance”, to be presented at *IEEE International Symposium on Technology and Society (ISTAS 08)* Fredericton, NB, June 26-28. (Full paper refereed)
- Clement, A. & Ferenbok, J. “Asymmetric Visibilities: Biometric identification and (dis)appearing face-based surveillance infrastructures”, paper presented at *(In)visibilities: The Politics, Practice and Experience of Surveillance in Everyday Life*, University of Sheffield, April 2-3, 2008. 32pp. (Abstract refereed)
- 2007 Wong, M., Powell, A. & Clement, A. “Reading Service Set Identifiers (SSIDs): Marking and Locating for Public and Private Wireless Spaces”, presented at the Association of Internet Researchers (A.o.I.R.) International Conference, *Internet Research 8.0*, Vancouver, B.C., October 17 - 20, 2007. (Abstract refereed)
- Wong, M. & Clement, A. “Sharing Wireless Internet in Urban Neighbourhoods”, presented in Top Papers session of the *3rd International Conference on Communities and Technologies*, Michigan State Univ., June 28-30 (Full paper refereed) (for re-publication, see above)
- 2006 Middleton, C., Clement, A., Longford, G., & Potter, A., “ICT Infrastructure as Public Infrastructure: Exploring the Benefits of Public Wireless Networks”, presented at the *34rd Telecommunications Policy Research Conference (TPRC)* (Washington D.C.) Sept 29-30, 2006 (Abstract refereed)
- Shah, S., & Clement, A. “A Participatory Design Wiki”, poster presented at *Participatory Design Conference PDC’06*, Trento, Italy, July 27-31 (Abstract refereed)
- A. Clement & Boa, K. “Developing Canada’s Biometric Passport: Where are Citizens in this Picture?” paper presented at Technology and Citizenship Symposium, *International Conference on Technology, Knowledge, and Society*, McGill University, Montreal, June 9-10, 2006. (Abstract refereed)
- 2005 Fiser, A., Clement, A., & Walmark, B. “The K-Net Development Process: A Broadband Model for First Nations Community Networking”. Presented at the *33rd*

Telecommunications Policy Research Conference (TPRC) (Washington D.C.) Sept 23-25, 2005, 58pp. <http://web.si.umich.edu/tprc/papers/2005/447/K-NetTPRC05.pdf>

Clement, A. and Hurrell, C. "Information/communications rights as a new environmentalism? Core environmental concepts for linking rights-oriented computerization movements." Paper presented at *Remembering Rob Kling: Social Informatics Workshop*, the Center for Research on Information Technology and Organizations (CRITO) at the University of California, Irvine, March 10-11, 2005. (Extended abstract refereed)

2004 Clement, A., & Boa, K., "Should the public trust claims that National Identity Schemes can help make us terrorist attack proof?", presented at the *Society for Social Studies of Science/European Association for the Study of Science and Technology (4S/EASST)* conference, Paris, August 25-28, 2004. (Abstract refereed)

Clement, A., Kennedy, T., Aspinall, J., & Viseu, A., "Everyday Internet(s): Situating Internet Use and Value", presented at the Association of Internet Researchers (A.o.I.R.) International Conference, *Internet Research 5.0* held in Brighton UK, Sept. 19-22, 2004. (Abstract refereed, presented by T. Kennedy)

Luke, R, Clement, A., et al. "The Promise and Perils of a Participatory Approach to Developing an Open Source Community Learning Network", *Proceedings of the Participatory Design Conference (PDC04)- Artful Integration: Interweaving Media, Materials and Practices*, Toronto, July 27-31, 2004, pp. 11-19.

Clement, A, et al., "CRACIN: the Canadian Research Alliance for Community Innovation and Networking", presented at the *International Colloquium - Communication and Democracy: Technology and Citizen Engagement*, Wednesday, Fredericton, New Brunswick, August 4 - 6, 2004. (Abstract refereed)

Luke, R. and Clement, A., "Towards an Evaluation Framework for Community Learning Networks," Paper presented at the *Building & Bridging Community Networks: Knowledge, Innovation & Diversity through Communication* conference held in Brighton, UK, March 31- April 2, 2004, 22 pp.

2003 Clement, A., "A Layered Approach to Disability Access Using the 'Access Rainbow'", presented at the *Association of Internet Researchers (A.o.I.R.) International Conference, Internet Research 4.0* held in Toronto Canada, October 16-19, 2003. (Abstract refereed)

Clement, A. et al, "CRACIN – the Canadian Research Alliance for Community Innovation and Networking", presented at the *Association of Internet Researchers (A.o.I.R.) International Conference, Internet Research 4.0* held in Toronto Canada, October 16-19, 2003. (Abstract refereed)

Clement, A., Aspinall, J., & Viseu, A., "Interplay of Public and Private Spaces in Everyday Internet Services" presentation at the iCS symposium, Oxford Internet Institute, Oxford, September 17-19, 2003. (Abstract refereed) (see above for journal publication)

Clement, A., Aspinall, J., & Viseu, A., "Mapping Interwoven Intermediary Threads in Everyday Internet Experiences", presented at the Association of Internet

- Researchers (A.o.I.R.) International Conference, Internet Research 4.0 held in Toronto Canada, October, 2003. (Abstract refereed)
- 2002 Clement, A., Aspinall, J., Viseu, A. & Shade, L., "Everyday internet experiences: A 'neighbourhood ethnography' of public versus domestic access to on-line services", *Association of Internet Researchers (AoIR) International Conference, Internet Research 3.0* Maastricht, The Netherlands, October 13-16, 2002. (Abstract refereed)
- Viseu, A., Clement, A., & Aspinall, J., "Situating privacy on-line: Complex perceptions and everyday practices", *Association of Internet Researchers (AoIR.) International Conference, Internet Research 3.0* Maastricht, The Netherlands, October 13-16, 2002. (Abstract refereed) (see above for journal publication)
- Clement, A., Guerra, R, Johnson, J., & Stalder, F. "National Identification Schemes (NIDS): A Remedy Against Terrorist Attack?" *Proceedings of the Sixth Conference on Human Choice and Computers HCC6*, IFIP World Computer Congress, August 25-30 (see above for book publication)
- Clement, A., Aspinall, J., Viseu, A. & Suchman, L. "The *Everyday Internet* project: A 'neighbourhood ethnography' informed by current Canadian policy concerns", presented at the *Ethnographies of the Internet: Grounding Regulation in Lived Experience* research conference held at Oxford University, March 8, 2002. (Abstract refereed)
- 2000 O'Brien, R. and Clement, A. "The Association for Progressive Communications and the Networking of Global Civil Society: APC at the 1992 Earth Summit," *Shaping the Network Society Conference*, Seattle, May 20-22, 2000 (abstract refereed)
- 1999 Clement, A. and Shade, L. "Promoting a National Access Strategy in Canada," *Citizens at the Crossroads Conference*, Univ. of Western Ontario, Oct 21-24. (Abstract refereed)
- 1998 Stalder, F., & Clement, A., "Mondex: Public Policy Issues of Electronic Cash", *Proceedings of the First International Conference on Telecommunications and Electronic Commerce (ICTEC)*, Nashville, Tenn., November 20-22, pp. 232-243.
- Graham, M., Phillips, C., Lyons, D., & Clement, A., "Building a Room of Our Own: The Cooperative Design of Web-based Group Project Support for an Educational Community", *Proceedings of the Participatory Design Conference PDC'98*, Seattle, Wash., November 12-14, pp. 219-228.
- McPhail, B., & Clement A., "Learning at Work and Working to Learn: An Activity Approach to Studying a 'Learning Organisation' ", *ISCRAT 4th International Congress*, Aarhus, Denmark, June 7-11 (abstract refereed)
- 1997 Nangalama, M. and Clement, A., "Introducing POS Technologies into a Pharmacy Chain: Voices from the Checkout Counter", in *Women, Work and Computerization: Spinning a Web From Past to Future*, *Proceedings of 6th International IFIP Conference*, Bonn, Germany, May 24-27 (see above for book publication)
- 1996 McPhail, B., Barclay, R., Bruckmann, D., Costantino, T., & Clement, A., "CAVEAT Exemplar: Participatory Design in a Volunteer Organization", *Proceedings of the*

Participatory Design Conference PDC'96, Cambridge, Ma., November 13-15, pp. 45-54. (see above for journal publication)

Mielniczuk, S. and Clement A. "Sharing Integrated Computer Communications Among Non-profit Organizations: The Case of Ontario's Social Development Network", Internet Society Conference (INET96), Montreal, June 25-28, 1996 (abstract refereed)

Clement, A. and Shade, L. "What Do We Mean by Access? Social Perspectives in a Canadian Context", Internet Society Conference (INET96), Montreal, June 25-28, 1996. (abstract refereed)

1995 Clement, A. and Wagner, I., "Fragmented Exchange: Disarticulation and the need for regionalized communication spaces", Fourth European Conference on Computer Supported Cooperative Work, Stockholm, Sweden, Sept. 10-15, 1995, pp. 33-49.

1993 Clement, A. "Working in (and on) the Electronic Fishbowl? Privacy Aspects of Multi-media Communications", in A. Clement, P. Kolm & I. Wagner (editors), *NetWORKing*, North-Holland, pp. 123-132.

1992 Clement, A., Griffiths, M., and van den Besselaar, P. "A Retrospective Analysis of Participatory Design Projects", Proceedings of the *Participatory Design Conference PDC'92*, Cambridge, Ma., November 6-7, 1992, pp. 81-89. (for re-publication, see above)

1991 Clement, A. "Designing Without Designers: More Hidden Skill in Office Computerization", *Fourth Women, Work and Computerization Conference*, Helsinki, Finland, June 30-July 2, North-Holland, 1991, pp. 15-32.

1990 Clement, A. "Cooperative Support for Computer Work: A Social Perspective on the Empowerment of End-Users," *Proceedings of the Third Conference on Computer Supported Cooperative Work*, Los Angeles, October 7-10, 1990, pp. 223-236 (for re-publication, see above)

Clement, A. "Desktop Computing: A New Arena for Worker Participation?", Proceedings of the Fourth IFIP TC-9 World Conference on Human Choice and Computers (HCC4), *Information Technology Assessment*, Dublin, July 9-12, 1990. (for publication, see above)

Clement, A. and Parsons, D. "Work Group Knowledge Requirements for Desktop Computing", *Proceedings of the 23rd Hawaii International Conference on System Science*, Kailua-Kona, Hawaii, Jan. 2-5, 1990, pp. 84-93.

1987 Clement, A. and Gottlieb, C.C. "Evolution of an Organizational Interface: The New Business Department of a Large Insurance Firm", *Conference on Human Factors in Computing Systems and Graphics Interfaces (CHI+GI'87)*, Toronto, April 5-7, 1987 pp. 315-322 (for re-publication, see above)

Other papers and reports:

2008 Clement, A. & Potter, A.B. "Toronto's wireless network has fallen behind other cities" Opinion section, *Toronto Star*, March 31, 2008.

- 2007 Clement, A., "I am a rightful person! Protecting personal identity in the face of pervasive surveillance" presented in the research paper panel session "In The Eye Of The Beholder: Surveillance And The Performance Of Identity" at the Society for the Social Studies of Science (4S) 2007 Annual Meeting, Montreal, October 11-3, 2007.
- Clement, A., MacDonald, S., & Longford, G. "Community Networking Experiences with Government Funding Programs: Service Delivery Experimentation or Sustainable Social Innovation?" presented at the final CRACIN research workshop, Concordia University, Montreal, June 20-22, 2007.
- Macdonald, S., & Clement, A., Lessons Learned in Community-based Innovation: the St. Christopher House Community Learning Network" presented at the final CRACIN research workshop, Concordia University, Montreal, June 20-22, 2007.
- Fiser, A. & Clement, A., The K-Net broadband deployment model: How a flexible, open, and decentralized community-based network integrates remote and urban sectors of Ontario", presented at the final CRACIN research workshop, Concordia University, Montreal, June 20-22, 2007.
- Fiser, A. and Clement, A. "The K-Net broadband deployment model: How a community-based network integrates public, private, and not-for-profit sectors to support remote and under-served communities in Ontario," research report to Ontario Ministry of Government Services, Toward a Broadband Research Agenda for Ontario, submitted May 18, 91pp.
- Boa, K., Clement, A., Davies, S. & Hosein, G. "CAN-ID: Visions for Canada: Identity Policy Projections and Policy Alternatives", research report submitted to the Office of the Privacy Commission, Ottawa, March 31, 120pp.
- 2006 Longford, G. & Clement, A., "How Long Will Toronto's Wireless Network Be Free?" Op-ed Opinion, *Toronto Star*, September 7, 2006
- 2005 Clement, A., Gurstein, M., Hurrell, C., Longford, G., Moll, M., & Shade, L. (2005) Canadian Research Alliance for Community Innovation and Networking (CRACIN) – Round 2 Submission to the Telecommunications Policy Review Panel, September 15, 2005, Telecommunications Policy Review Panel, Industry Canada, <http://telecomreview.ca/epic/internet/intprp-gecrt.nsf/en/rx00044e.html>
- Clement, A., Gurstein, M., Hurrell, C., Longford, G., Moll, M., & Shade, L. (2005) Canadian Research Alliance for Community Innovation and Networking (CRACIN) - Written Submission to the Telecommunications Policy Review Panel, August 15, 2005, Telecommunications Policy Review Panel, Industry Canada, http://www.telecomreview.ca/epic/internet/intprp-gecrt.nsf/en/h_rx00025e.html
- Clement, A., Gurstein, M., Hurrell, C., Longford, G., Moll, M., & Shade, L. (2005) "CRACIN Executive Position Statement," Paving the Road to Tunis - WSIS II: The Views of Canada's Civil Society on the Geneva Plan of Action and the Prospects for Phase II, Winnipeg, May 13-15, 2005
- 2003 Clement, A., & Boa, K. "A brief to the House of Commons Standing Committee on Citizenship and Immigration concerning the proposed creation of a National Identity

- Card", submitted on November 7, 2003.
<http://www.fis.utoronto.ca/pub/bscw.cgi/d441044/Brief.pdf>
- 2001 Clement, A., Guerra, R, Johnson, J., & Stalder, F., "National Identification Schemes (NIDS) and the Fight Against Terrorism: Frequently Asked Questions", Computer Professionals for Social Responsibility
 see:<http://www.cpsr.org/program/natlID/natlIDfaq.html>
- 1999 Clement, A. "The Advent of the Smart Card", *Univ. of Toronto Bulletin*, April 26, p.16
- 1998 Clement, A. (ed.) "Key Elements of a National Access Strategy: A Public Interest Proposal", 17 pp.
- Clement, A., Chan, D., Duff, W., Marton, C., Shade, L., & Stoyanova, P., "Accessibility to Canada's Health Infostructure," Final Project Report to Health Canada, October, ~60pp.
- 1997 Clement, A., Dowding, M. & Shade, L. (editors) "Developing a Canadian Access Strategy: Universal Access to Essential Network Services", Universal Access Workshop Preceedings, February, 120 pp.
- 1996 Clement, A. & Shade, L. (editors). "Defining and Maintaining Universal Access to Basic Network Services: Canadian Directions in an International Context", Final Project Report to Industry Canada, April, 183 pp.
- 1994 Clement, A., Robinson, M., and Wagner, I. "Supporting Health Care Networks", presented at the IFIP WG9.4 Working Conference on *The Social Impact of Informatics in Developing Countries*, Havana, Cuba, Feb. 21-23, 1994, 18 pp.
- 1993 Clement, A. "Privacy Considerations in CSCW: Report on a CSCW'92 Workshop", *SIGCHI Bulletin*, Vol. 25, #4, October, 1993, pp. 34-39.
- Clement, A. "Privacy Discussions at CSCW 92", Guest editorial, workshop report and scenario analysis for the special issue of *SIGOIS Bulletin* on "Privacy and CSCW", August, 1993, pp. 4-12.
- Clement, A. and McDermott, P. "Valuing Word Processing Work", TURU Technical Report, Oxford, UK, July, 1993, 21 pp.
- Clement, A. and McDermott, P. "Pay Equity and the Undervaluation of Women's Work: The Case of Computerized Clerical Work", presented at the 11th International conference on the Labour Process, Blackpool, UK, March 31 - April 2, 1993
- 1991 Clement, A. "Desktop Computing: A New Arena for Worker Participation" Proceedings of the IFIP TC9 Conference on *Information Technology Assessment*, J. Berleur and J. Drumm (editors) , North-Holland pp. 305-314.
- Clement, A.; Parsons, D. and Zelechow, A. "Toward Worker-Centred Support for Desktop Computing", Proceedings of the IFIP WG9.1 Conference on *Information System, Work and Organization Design*, van den Besselaar, P.; Clement, A.; and Jarvinen, P, (editors), North-Holland, pp. 295-305.

- Clement, A. and McDermott, P. "Electronic Monitoring: Worker Reactions and Design Alternatives", Proceedings of the IFIP WG9.1 Conference on *Information System, Work and Organization Design*, van den Besselaar, P.; Clement, A.; and Jarvinen, P, (editors) North-Holland, pp. 187-199.
- 1990 Clement, A. "Social Issues in Information Technology", in Friedman, B. and Winograd, T. (eds.), *Computing and Social Responsibility: A Collection of Syllabi*, Palo Alto: Computer Professionals for Social Responsibility, pp. 3-15.
- Clement, A. "Electronic Workplace Monitoring: A Canadian Perspective", CAIS 90 Conference, Kingston, Ontario, May 24-26. (for publication, see above)
- Clement, A. and Mantei, M., "PUMs and Programmers", *SIGCHI Bulletin*, April, 1990, p. 70.
- 1989 Clement, A.; Parsons, D. and Zelechow, A. "Toward Worker-Centred Support for Desktop Computing", IFIP WG9.1 Working Conference on *Information System, Work and Organization Design*, Berlin, GDR, July 10-13, 1989 (for publication, see above)
- Clement, A. and McDermott, P. "Electronic Monitoring: Worker Reactions and Design Alternatives", IFIP WG9.1 Working Conference on *Information System, Work and Organization Design*, Berlin, GDR, July 10-13, 1989 (for publication, see above)
- 1987 Clement, A. and Zelechow, A. "Self-Managed Office Automation Project", report to the Technology Impact Research Fund of Labour Canada, Ottawa, 17 pp. + appendices
- Clement, A. "Surveillance Threatens Corporate Democracy, Worker Health", *Labour Relations News*, University of Toronto, June, p. 2.
- 1985 Clement, A. "On-line Computerization and the Transformation of Clerical Work", *Labour, Women and Technology Conference*, Inter-University Centre of Post-Graduate Studies, Dubrovnik, Yugoslavia, August 19-21.
- Clement, A. "Managerial Control and Office System Design", *Society for Socialist Studies*, Meetings of the *Learned Societies*, Montreal, May 30 - June 1.
- 1984 Clement, A. "Electronic Management: The New Technology of Workplace Surveillance", *Proceedings of the Canadian Information Processing Society National Conference*, Calgary, May 9-11, 1984, pp. 259-268.
- 1983 Clement, A. "Computerization and Work Changes in Large Organizations", *Canadian Sociology and Anthropology Association*, Meetings of the *Learned Societies*, Vancouver, June 1-4, 1983.
- Benston, M. and Clement, A. "Input to the Information Utility: Terms of Access", Report to the Department of Communications, Ottawa, 98pp.
- Clement, A. "Computerization and Managerial Control in Large Offices", *ACM National Conference*, New York City, October 26, 1983.
- 1982 Clement, A. "Office Automation and the Control of 'Knowledge Workers'", *Society for the Study of Social Problems*, San Francisco, Sept. 3-7, 1982

- 1981 Clement, A. "Community Computing", *Journal of Community Communications*, Vol 4, #1, pp. 10-15. (presented at AFIPS NCC 1981, Chicago)
- 1977 Clement, A. "If 'Small is Beautiful,' is Micro Marvellous?: A Look at Microcomputing as if People Mattered", *First West Coast Computer Faire Proceedings*, pp. 42-48.
- 1974 Clement, A. "Interactive Computer Mapping", *Proceedings of the CIPS-ACM Regional Symposium*, May 1974, pp. 118-126.

ACADEMIC REFEREEING:

Editorial boards

- 2004- *Journal of Community Informatics*
 1994-98 *The Information Society*
 1994- *Information Technology and People*

Refereeing

- 2008 Participatory Design Conference (PDC'08) (Bloomington, IN) papers
 IEEE International Symposium on Technology and Society (ISTAS 08) (Fredericton) papers
- 2007 *On The Identity Trail: Privacy, Anonymity and Identity in a Networked Society*, chapter in forthcoming book
- 2005 Communities and Technologies (C&T2005) (Milan) papers
 2nd International Conference of the Community Informatics Research Network (CIRN2005) (Capetown) papers
- 2004 Participatory Design Conference (PDC'04) (Toronto) papers
 2002 Participatory Design Conference (PDC'02) (Malmö, Sweden) papers
 University of Toronto Press, book manuscript
- 2001 S.S.H.R.C., Initiative on the New Economy (INE) Research Grants Program
 2000 Participatory Design Conference (PDC'00) (New York, NY) papers
 1998 Participatory Design Conference (PDC'98) (Seattle, WA), workshops
 1996 Participatory Design Conference (PDC'96) (Cambridge, MA) papers
The Information Society, journal paper
Communications of the ACM, journal paper
 IFIP WG8.2 Conference on IT and Changes in Organizational Work, papers
- 1994 *Computer Supported Cooperative Work*, journal paper
Communications of the ACM, journal paper
 University of Minnesota Press, book manuscript
 S.S.H.R.C., Research Grants Program
The Information Society, journal paper
 Participatory Design Conference (PDC'94) (Chapel Hill, N.C.), papers
 ACM Conference on User Interfaces, paper
 IFIP WG9.1 Conference on Women, Work and Computerization (Manchester), papers
- 1993 *ACM Transactions on Information Systems*, journal paper
 1992 IFIP WG9.1 Conference on *NetWORKing* (Vienna), papers
 Participatory Design Conference (PDC 92) (Cambridge, Mass.)
- 1991-92 Cambridge University Press, book manuscripts
 1991 I.S.E.R. Research Grant
 1990-91 *Communications of the ACM*

- 1990 IFIP WG9.1 Conference on *Human Jobs and Computer Interfaces* (Finland)
ASIS Annual Conference (Toronto)
- 1989 *ACM Transactions on Information Systems*
Conference on Information Systems (Boston)
- 1988 Garamond Press, book manuscript
- 1986-89 S.S.H.R.C., Strategic Grants Program
- 1986 Canada Council, Killam Program
- 1983-84 *Communications of the ACM*

CONSULTING AND OTHER PROFESSIONAL EXPERIENCE:

- 1995 Industry Canada, Centre for Information Technology Innovation, Laval, PQ
External assessor of the Program on Technological Innovation and New Forms of Work Organization (ITOT)
- 1994 Technology Ontario, Ministry of Industry, Development and Trade
External assessor of the Technology Adjustment Research Program (TARP)
- 1993 Trade Union Research Unit, Ruskin College, Oxford, UK
Report for UNISON in pay-equity tribunals, "Valuing Word Processing Work"
- 1992 Ontario Telecommunications Strategy Task Force
Invited advisor on Quality of Life sub-committee
- 1991 Communications and Electrical Workers of Canada, Toronto
Advised on local Technology Adjustment Research Program project funded by the Ontario Ministry of Labour
- 1988 Royal Trust Co., Toronto
Developed and implemented a methodology for evaluating vendor proposals for "branch of the future" information systems
- 1984 Science Council of Canada, Ottawa
Report: "Technological Change and the Canada Labour Code"
- 1982 United Steelworkers of America, Local 1005, Hamilton
Advised on and implemented automated office procedures
- 1976-77 Dept. of Paediatrics, University of British Columbia
Performed statistical analyses for a longitudinal study
- 1976 Planning Dept., City of Vancouver
Analysed housing data with a computerized mapping system
- 1974-75 INFAC - Community Computer Services, Vancouver
Lead an experimental project in on-line public access to community information
- 1973 Dept. of Computer Science, University of British Columbia
Prepared a computer animated film depicting the simulation of cellular automata

ACADEMIC PROFESSIONAL ACTIVITIES

Academic conference co-chair

- 2004 *Participatory Design Conference PDC'04*, Toronto, July 27-31
- 1996 *Participatory Design Conference PDC'96*, Cambridge, MA., November 13-15

Academic research workshops organized

- 2007 "Lessons Learned/Looking forward" Co-convener and chair of the fifth and final CRACIN (Canadian Research Alliance for Community Innovation and Networking) research workshop, Concordia University, Montreal, June 20-22, 2007.

- 2006 “Community Informatics Workshop”, at the i-Conference 2006, Research Frontiers in Information, Univ of Michigan, October 15 – 17, 2006 (with 9 others)
- “Information Rights and Organizational Accountabilities Workshop”, FIS, Univ. of Toronto, June 16-17, 2006 (with Krista Boa)
- “Integrating Research for Sustaining Community Networking Initiatives” Co-convener and chair of the fourth CRACIN (Canadian Research Alliance for Community Innovation and Networking) research workshop, University of Toronto, March 3-5.
- 2005 “Developing and Sustaining Free/Open Source Software (F/OSS) Applications For, By and With Communities”, *Communities and Technologies Conference (C&T2005)*, Milan, June 13-16, (with Robert Luke and Randall Terada)
- 2004 “Background and Direction Setting” Co-convener and chair of the first CRACIN (Canadian Research Alliance for Community Innovation and Networking) research workshop, Montreal, May 14-16, 2004
- 2003 “Towards a Research Alliance for Community Innovation and Networking ” A two day proposal preparation workshop, University of Toronto, June 20-21, 2003
- 2002 “Participatory Design of Information/Communications Infrastructures” A two-part workshop held at *both Participatory Design Conference PDC'02*, Malmö, Sweden, June 23-25, 2002 and *Directions in Advanced Computing DIAC2002*, Seattle, May 16-19
- “Toward an Evaluation Framework for Community Learning Networks”, a plenary workshop session in the Academic mini-conference on Community Informatics/Community Networking held in conjunction with the World Forum on Community Networking (GlobalCN), Montreal, October 8

Invited no-fee consultations

- 2002 Pew Internet and America Life Project, Academic Advisory Committee meeting, Chicago, April 15
- 2001 National Library of Canada, Consultation on Electronic Publications, Ottawa, April 23
- Federal Privacy Commission, Roundtable discussion on privacy issues and trends, Ottawa, May 17
- 1995 Human Resources Development Canada, Ottawa
- Expert panelist on the Employment Impacts of the Information Highway

Academic conference program committee memberships:

- 2008 *Participatory Design Conference PDC'08*, Bloomington, IN, Oct 1-4 (Doctoral consortium co-chair)
- 2007 *3rd International Conference on Communities and Technologies*, East Lansing, MI, June 28-30
- 2006 *Participatory Design Conference PDC'06*, Trento, Aug 1-5
- 2005 *2nd International Conference on Communities and Technologies* 13-16 June 2005, Milano, Italy 2005
- 2004 *Participatory Design Conference PDC'04*, Toronto, July 27-31
- 2002 *Participatory Design Conference PDC'02*, Malmö, Sweden, June 23-25
- Directions in Advanced Computing DIAC2002*, Seattle, May 16-19
- Human Choice and Computers HCC6*, IFIP World Computer Congress, August 25-30
- 2000 *Women, Work and Computerization*, Vancouver, June, 7-11
- Participatory Design Conference PDC'00*, New York, November 13-15
- 1998 *Participatory Design Conference PDC'98*, Seattle, November 13-15, (mini-workshop chair)

HONOURS

- 2001 “The Silver Core” Service Award by the International Federation for Information Processing (IFIP), September 4, 2001

PROFESSIONAL ASSOCIATION MEMBERSHIPS

Current memberships

Canadian Institute for Information and Privacy Studies (CIIPS) (Founding board member)

Previous memberships

Association for Computing Machinery (ACM)

Special Interest Group on Computers and Society (SIGCAS)

Special Interest Group on Office Information Systems (SIGOIS)

Special Interest Group on Computer Human Interaction (SIGCHI)

Canadian Information Processing Society (CIPS)

International Federation for Information Processing (IFIP)

Technical Committee on the Relationship between Computers and Society (TC9) - Canadian representative

Working Group on Computers and Work (WG9.1) - (Chair 1995-1998)

INVITED PRESENTATIONS:

Academic/research audiences:

- 2008 “Borderline Security Theatre: Performing asymmetric risk with no-fly lists and biometric Identification” presentation at Workshop 5 - Presentation, Documentation and Mediation - Institute for Advanced Studies Annual Program Year on 'New Sciences of Protection: Designing Safe Living', Lancaster University, UK, March 13-14, 2008.
- 2007 “Building Information and Communications Infrastructures in the Public Interest: Works in Progress” NRC-IIT Colloquium, Fredericton, NB, November 30, 2007, National Research Council
- “Security Theatre, No-fly Lists and Identity Integrity: Resisting encroachments and asserting new identity rights”, IPSI public lecture, Identity, Privacy & Security Initiative, University of Toronto, Nov 12, 2007
- “Municipal Wireless Networks: Hot Spots for Mobile Business or Just Hot Air?” (with Crow, Barbara; Middleton, Catherine; Wong, Matt) panel presentation at the International Conference on Mobile Business. Panel. Toronto, July 2007.
- “Building Information and Communications Infrastructures in the Public Interest: The PIPWatch Toolbar” INRIA, Univ. of Paris, May 22, 2007
- “The Case for Net Neutrality in Canada: Toward a non-discriminatory internet for all”, MET Executive Development Program, University of Toronto, May 14, 2007
- “Building Information and Communications Infrastructures in the Public Interest: Works in Progress” School of Information, University of Michigan, March 6, 2007
- “The PIPWatch Toolbar: Protecting privacy on-line through social navigation” Internet Privacy Symposium — Research Findings from the Office of the Privacy Commissioner of Canada’s Contributions Program, Univ. of Ottawa, Feb. 23, 2007.
- 2006 “Biometrics and the Politics of Identity Documents in Canada” presentation in the Information Politics session of the “Biopolitics + Technoscience” seminar series, Women and Gender Studies Institute, University of Toronto, November 30, 2006

- “Challenges to Developing a National Identity Policy: Lessons from International Experiences” presentation at Your Identity Please: Identity Theft and Identity Management in the 21st Century, 7th Annual Privacy and Security Workshop & 15th CACR Information Security Workshop. Toronto, November 2-3, 2006. (with K. Boa, & G. Hosein)
- “Building information Infrastructure in the Public Interest: The role of the I-Schools” presentation on the “New Directions in Community Informatics” panel at the i-Conference 2006, Research Frontiers in Information, Univ of Michigan, October 15 – 17, 2006
- “Toronto Hydro Telecom’s One Zone: Commercial Competitor or Public Utility”, Panel presentation on Municipal Wireless at the 34rd Telecommunications Policy Research Conference (TPRC) (Washington D.C.) Sept 29-30, 2006 (with G. Longford & R. McEwen)
- “Towards an integrated information rights movement: Conceptual foundations from environmentalism” Presentation to the Information Rights and Organizational Accountabilities Workshop, FIS, Univ. of Toronto, June 16-17, 2006
- “The False Promise of Biometric ID: Linking actual bodies and virtual identities in security theatre”, invited public lecture in the STeMS Colloquium Series, School of Information, University of Michigan, January 9, 2006
- 2005 “Experiences With the CRACIN Project: a Canadian Research Partnership for Community-based ICTs,” Community Informatics Research Network (CIRN), 2nd Annual Conference, Cape Town, South Africa, August 24-26, 2005. (with M. Gurstein and G. Longford)
- “Constructing Digital Identities: New biometric ID agencies for bo(a)rder (in)security”, invited public research seminar on Agency in Technically Mediated Society, Helsinki University, September 6 - 9, 2005
- “The Canadian e-Passport: Will it help keep us and the Americans safe?”, panel presentation in the session on Life During Wartime at the Concealed I: Anonymity, Identity and the Prospect of Privacy conference, Univ. of Ottawa, March 4-5.
- “Community Networking in Canada” panel presentation on Community Informatics Research: A Support to Practice / Community Networking Practice: A Support to Research, at the Summit 2005: Strategic Use of Information and Communications Technology for Communities, Vancouver, BC. February 25-27.
- “Will Biometric Identification Schemes Help Keep Us Safe?”, Invited talk given at the Centre for Science Studies, Lancaster University, Jan 20
- 2004 “Community Networks, Session discussant at the Society for Social Studies of Science/European Association for the Study of Science and Technology (4S/EASST), Paris, August 25-28.
- “Privacy perceptions and public access space: A policy-informed neighbourhood ethnography.” Seminar presentation, Oxford Internet Institute, Oxford, March 17, 2004.
- 2003 “National Identification Schemes (NIDS): A Remedy Against Terrorist Attacks?” Seminar presentation at the Centre for Information and Communications Technology, Faculty of Information Technology, University of Technology, Sydney, Australia, May 1, 2003
- 2002 “International Perspectives on a National Internet Study” panel presentation at the *Association of Internet Researchers (AoIR) International Conference, Internet Research 3.0* held in Maastricht, Netherlands, October 15, 2002.
- 2001 “Closing the Digital Divide” panel presentation at the *Association of Internet Researchers (AoIR) International Conference, Internet Research 2.0* held in Minneapolis, Minnesota, October 12, 2001.

- "Everyday Internet Use and Community Networking", in the Community Networking in Canada session of the *National Policy Research Conference*, Ottawa, December 6, 2001
- "Ontario Smart Card Project: A Critical Exploration", (with Felix Stalder and Ana Viseu) presented at the *Workshop on Surveillance Categories, Risk, and Social Ordering*, Department of Sociology, Queens University, Kingston, May 3 - 5, 2001
- 2000 "Agents and Agency: Designing Intelligible Interfaces", (with Lucy Suchman) *UKAIS & IS Joint Forum*, Judge Institute for Management, Cambridge University, Cambridge UK, February 10.
- 1999 "Promoting a National Access Strategy in Canada," (with L. Shade) invited presentation to the *National Policy Research Conference*, Ottawa, November 25-26
- "Time is Money: Measuring Work Performance at a 'Virtual Bank'", (with Brenda McPhail) *American Anthropological Association Meetings*, Chicago, November 17-21.
- 1998 "Learning at Work: The Introduction of an On-line Banking System", Dept. of Informatics, Oslo University, June 4.
- "Who's Been Constructing Your Digital Persona?", Oksnoen Symposium, Samsoe, Denmark, June 14-18.
- 1997 "Policy Implications for Knowledge Media" *Designing the Medium*. Invited speaker to KMDI International Lecture Series, April 17.
- "Organizational Interventions". Invited contributor to Xerox/Sloan Foundation Workshop Palo Alto, April 21-22.
- "Ecology of Information Infrastructure". Invited contributor to Dept. of Computer Science & Information Systems Workshop, Univ. of Jyväskylä, Finland, May 12-14.
- DESARTE Project Workshop. Invited contributor, Dept. of Computer Science, Technical University of Vienna, Austria, May 19
- "The (Dis-)Pleasures of Emailed Lives", Oksnoen Symposium, Sausalito, May 5-9
- 1996 "Collaboration and Conflict in the Development of a Computerized Dispatch Facility", (with C. Halonen) Software Cultures Workshop, Vienna, May 9-11
- "Selling Information Technology: Ads and Images", Oksnoen Symposium, Norway, May 14-19
- "Universal Access and Public Participation", *Internet: 2000 and Beyond*, Toronto, May 1-3, 1996
- 1995 "Participatory Design Applied to the Implementation of Ontario's Social Development Network" (with S. Mielniczuk), Politics of Systems Design, Computers in Context Conference, Aarhus, Denmark, August
- "Do Politics Matter?" International Conference on The Social Shaping of Information Highways - Comparing NII and the EU Action Plan, University of Bremen, Germany, Oct 5-7.
- "Bringing all the 'Users' to the Centre", 37th Allerton Institute, Monticello, Ill, Oct 29-31, 1995
- "Responding to Computerization in Frontline Service Work", Workplace Research in the Service Sector, Sloan Foundation Workshop, Sausalito, Oct. 25-28
- Distinguished Lecture Series, Department of Computer Science, University of Toronto Institute for Computer Research, University of Waterloo, colloquium presentation
- 1994 "Privacy and Ethics in Multi-Media Communications Spaces", New Media and Policy Seminar Series, McLuhan Program & Innis Centenary Project
- 1993 "Problems with 'Locating' (anything) in a Borderless World: Against the Ideology of the Seamless Web", Oksnoen Symposium on "Locating Design, Development and Use", Norway
- "Invisibility, Privacy and Empowerment: Exercising Control in Computerized Offices", full day seminar presentation at Finnish Computer Science PhD Symposium on "The Impact of IT on Workplace and Organization", University of Tampere, Finland

- "The Politics of Transforming Work Practises: From Scientific to Feminist Management??", Oksnøen Symposium on "Understanding Work Practices", Norway, seminar presentation on
Department of Computer Science, Open University, Milton Keynes, UK
- "Privacy Aspects of Multi-media Communications Systems", Department of Computer Science, Lund University, Lund, Sweden
- "Privacy Aspects of Multi-media Communications Systems", Department of Computer Science (DIKU), University of Copenhagen, Denmark
- 1992 "Reducing the Vulnerability of Women in the Information Society", panel presentation at IFIP World Computer Congress, Madrid
- "Application Orientation, Analysis and Design in an Object-Oriented Context", panel presentation at DeVise Seminar, Dept. of Computer Science, Aarhus University, Denmark, Oksnøen Symposium, Norway, seminar presentation on "Customizing Software Systems"
- 1989 Faculty of Library and Information Science, Univ. of Toronto, seminar presentation on "Going On-line: The Transformation of Managerial Control and Workplace Knowledge"
- 1988 Institute for Computer Research, University of Waterloo, colloquium presentation on "Computerized Workplace Surveillance"
- 1987 Department of Computer Science, Univ. of Waterloo, seminar presentation on "Computer Systems and Large Organizations: Some Principles of Interaction"
- 1986 Studies in Communications and Information Technologies, Queen's University, Kingston, conference on Understanding Technological Change, Panel session on "Conceptualizing Technical Change"
- 1985 Continuing Education, Ryerson Polytechnic, presentation to "Current Concerns in Management Information Systems" course
- Studies in Communications and Information Technologies, Queen's University, Kingston, seminar presentation on "Automated Workplace Surveillance"
- 1983 Stern Graduate School of Business, New York University, seminar presentation on "Online Computerization and Managerial Control"
- Department of Computer Science, University of Victoria, seminar presentation on "Online Computerization and Managerial Control"
- 1982 Bethune College, York University, Conference on "Degradation of Work?", Panel session on case studies of microcomputing.
- 1981 Integrated Studies, University of Waterloo, class presentation on "Microelectronics, Automated Offices and Women's Work"
- Department of Communication, Simon Fraser University, class presentation on "Technical and Social Aspects of Office Computing"

Professional/Public audiences:

- 2008 "It's the way you walk: Can Advanced Biometrics Target Trouble?" Panel presentation at the Privacy & Security Conference, Victoria BC, Feb 8, 2008
- "The Case for Net Neutrality in Canada: Toward a non-discriminatory internet for all", Panel presentation at the Privacy & Security Conference, Victoria BC, Feb 7, 2008
- 2007 "The Case for Net Neutrality in Canada: Toward a non-discriminatory internet for all", (with John Stevenson), NUPGE, National Executive Board, Gatineau, Quebec, September 18, 2007
- "The PIPWatch Toolbar: Protecting privacy on-line through social navigation" BUL Innovation Breakfast, May 9, 2007.

- “The Net Neutrality debate in Canada: Time to wake up”, panel presentation on Net Neutrality: A Public Discussion on the Future of the Internet in Canada, Ottawa Public Library Auditorium, February 6, 2007
- “Setting the Stage: Wireless Broadband Networking in North America”, Introductory plenary presentation, Wireless Cities Summit, Toronto, January 23, 2007 (with C. Middleton)
- 2006 “Public Interest internet access” presentation in the “Telecommunications and the public good: Market forces alone are not the answer!” panel session at the Alternative Telecommunications Policy Forum, Ottawa, Oct 19-21, 2006
 rtsp://epresence.fis.utoronto.ca:556/Friday_Andrew1256K_Stream002256K_Stream001.mp4
- “CRACIN – Some Lessons Learned”, Community Learning Networks (CLN) - Ontario Workshop, Univ. of Toronto, May 25-26, 2006
- 2005 “Computer and E-mail Workplace Surveillance In Canada”, panel presentation on Technology, Privacy and Justice, to the annual meeting of the Canadian Institute for the Administration of Justice, Toronto, September 28-30, 2005.
 Panel Presentation, Special Session, Policy Forum, Telecommunications Policy Review Panel, Industry Canada, Gatineau-Ottawa, October 25, 2005.
- 2005 “Experiences With the CRACIN Project: a Canadian Research Partnership for Community-based ICTs,” Community Informatics Research Network (CIRN), 2nd Annual Conference, Cape Town, South Africa, August 24-26, 2005. (with Michael Gurstein and Andrew Clement)
- 2004 De-brief from the Geneva World Summit on the Information Society (WSIS), Workshop organized by the Canadian Council for UNESCO to, held in Ottawa, January 23, 2004. Invited expert participant
- 2003 Technology and Standards in the Public Interest: Comparing Values and Approaches to Code as Law, Workshop hosted by The Stanhope Centre for Communications Policy Research, held in the Cotswolds, England, December 8-9, 2003. Invited expert participant.
- 2003 Forum on Biometrics: Implications and Applications for Citizenship and Immigration hosted by Citizenship and Immigration Canada (CIC), Ottawa, October 7-8, 2003. Invited expert participant.
- 2002 “Smart Cards and Privacy”, panel presentation at the conference *eTerrorism & Privacy Symposium*, organized by the Advanced Card Technology Association of Canada (ACT), Toronto, June 14
- “Comments on Ontario’s proposed Privacy Legislation”, panel presentation at the consultation forum organized by the Ontario Ministry of Consumer and Business Services (MCBS) and the Centre for Innovation Law and Policy, Faculty of Law, University of Toronto, March 25
- 2001 “National Identification Schemes (NIDS) and the Fight Against Terrorism”, panel presentation at the conference *Nurturing The Cybercommons, 1981-2021*, organized by Computer Professionals for Social Responsibility, Ann Arbor MI, Oct. 20, 2001.
- “Smart Cards and Biometrics: An Appropriate Answer to Terrorism?” panel presentation at session organized by the Privacy Lecture Series, FIS, Toronto, December 3, 2001
<http://privacy.openflows.org/archive.html>
- “The Future of Smart Cards: Are We Moving Toward -- or Away from Public Acceptance?” Panel presentation at the conference *Security and Privacy for Government On-line*, organized by The Canadian Institute, Toronto, Dec. 5, 2001
- 2000 “Identity Constructions in the Development of a National Information Infrastructure: Some Canadian Observations on Access and Privacy” Invited seminar presentation at Statskonsult (State Consulting Agency), Oslo, Norway, May 15
- 1996 “Developing Universal Access Policies”, B.C. Information and Privacy Commission, Victoria, B.C.

- 1995 "Unions and the Information Highway: Overview, Impacts and Responses", Ontario Federation of Labour
- 1994 "Fast Forward: Access and Privacy Issues in the Information Age", panel presentation to Ontario provincial government workshop
- 1993 "Reinventing Systems Development", presentation to CIBC Systems Management Professional Development Seminar
- 1991 "Neglected Essentials: Hidden Design Requirements for Desktop 'Solutions'", Annual Conference, Canadian Human Resource Systems Professionals, Toronto
"The Impact of Computers in the Workplace: Myths and Metaphors", Technical Department Annual Conference, Ontario Hydro
- 1989 "Work Implications of Desktop Computing", Conference on the "Office that Works", Ontario Government
- 1987 "Implications of Desktop Computerization", Joint Technology Committee, Hamilton Public Library
- 1983 "The Impact of Microcomputing on the Future of our Students", Professional Development Day, Toronto Mathematics and Computer Science Teachers
- 1982 "Microtechnology in the Workplace", Career Seminar Series, Central High School of Commerce, Toronto
"Technological Change: Impacts and Attitudes", Policy Conference, Progressive Conservative Party of Canada
- 1981 "The Office of the Future", keynote presentation to the Business Education Professional Development Day, Toronto Board of Education

Media interviews

- 2007 "Net Neutrality", CBC Newsworld, March 15.
"Net Neutrality", CityTV, March 14
- 2004 "Facial scanning watch-list for Canadian passport applicants" CBC Radio Commentary, September 10.
- 2004 "Re-launch of CANPASS AIR and iris scanning technology at the Vancouver Airport," Interview on CBC TV The National, November 30.
- 2000 "Workplace surveillance", Interview on TFO's *Panorama*, May 8
- 1999 "Responding to the CRTC Report on New Media", Interview on CBC Newsworld (host: Bill Cameron), May 18
- 1994 "The Future of Work and Society", interview on three part Global TV program
- 1990 "Office Work in the Nineties", interview on Business World program of CBC Newsworld, January 12

COMMUNITY SERVICE

- 2006 Alternative Telecommunications Policy Forum, Ottawa, Oct 19-21, 2006 (Co-organizer, with L. Shade, M. Moll, & G. Longford)
Canadian Biometric ID Documents Public Forum, Univ of Toronto, June 15-17, 2006 (Co-convenor, with K. Boa)

TEACHING EXPERIENCE:

Courses (co-)taught:

- 1989- Faculty of Information Studies - University of Toronto (Graduate program)

- FIS1210 - Information in its Social Contexts
- FIS1311 - Introduction to the Technology of Information Science (formerly LIS1565)
- FIS1340 - Introduction to Information Systems
- FIS2101 - Design Studio
- FIS2165 - Social Issues in Information and Communications Technologies (formerly LIS2538)
- FIS2169 - User-Centred Information System Development (formerly LIS2748)
- FIS2198 - Seminar in Seminar in Security Technology and Policy (with Profs D. Hatzinakos, K. Plataniotis and S. Graham)
- LIS1518 - Origins and Uses of Information for Databases
- LIS1548 - Information Services Management
- LIS2005 - Directed Field Work
- LIS2104 - New Media and Policy (with Dr. L. Jeffrey)
- LIS2855 - The Electronic Information Industry (with Prof. C. Meadow)
- FIS2010 - Reading Course, with individual students (formerly LIS2010/LIS2011)
 - Community Religious Organizations as Open Source Communities – Andrew Clarke
 - Privacy protection via social navigation – Afshin Lotfi
 - Privacy protection via web annotation – Parsa Shabani
 - Accessibility of Websites – Sydney Mercurio
 - Participatory Design in distributed groups – Sunir Shah
 - Developing a Wiki for the Participatory Design literature – Sunir Shah
 - Knowledge Networks – Joel Alleyne
 - Development of a prototype privacy monitoring tool – David Ley
 - Privacy enhancing and accountability technologies – David Ley
 - Political economy of everyday internet use - Jeremy Tompkins
 - Electronic Networking in the South - Orchid Mazurkiewicz
 - Community Networking - David Tallan
 - Labour Force Implications of Information Infrastructure Development - Donna Chan
 - Object-Oriented CASE - Scott Ambler
- LIS3730 - Information Organization and Retrieval (Ph.D major - Marc Griffiths)
- LIS3725 - Geopolitics of Information (Ph.D. Minor - Cheryl Buchwald)
- 2002- Collaborative Program in Knowledge Media Design, Univ. of Toronto (Graduate program)
 - KMD2001 - Human-Centred Design
 - KMD2004 - Knowledge Media, Culture & Society
- 1984-89 Dept. of Computer Science and Mathematics - York University
 - COSC4540 - Case Studies in Information Systems (4th yr.)
 - COSC4200 - Office Automation (4th yr.)
 - COSC3100 - Social Issues in Computing (2nd./3rd. yr.)
 - COSC3440 - Systems Design and Implementation (2nd./3rd. yr)
 - COSC2410 - Introduction to Computer Science (1st. yr.)
 - COSC2400 - Introduction to Computing (1st yr.)
- 1983 Dept. of Computer Science - University of Toronto
 - CSC300 - Computers and Society (3rd. yr.)
- 1980 Dept. of Computing Science - Simon Fraser University
 - CPSC205 - Mathematical Foundations of Computer Sci. (2nd. yr.)
- 1977-80 Business Administration Dept. - Vancouver Community College
 - Advanced Programming (2nd. yr.)
 - Introduction to Data Processing (1st. yr.)
- 1968-70 Sultan Ismail College, Kota Bharu, Malaysia
 - Physics (1st. yr.)

Applied Mathematics (1st. yr)

Courses developed:

FIS2165 - Social Impact of Information Technology (formerly LIS2538)
FIS2169 - User-Centred Information System Development (formerly LIS2748)
LIS2104 - New Media and Policy (with Dr. L. Jeffrey)

Master's thesis supervision

2005-06 Matt Wong – *Investigating a Cooperative Model of Household Internet Provision*
(completed December 2006)
2002-03 Krista Boa – *Smart Card, Weak Effort: Public consultation and the Ontario Smart Card Project* (completed September, 2003)

Master's thesis committee membership

2006 Annie Xu (MAsc – MIE) - *An Evaluation of Spatialized Audioconferencing as a Collaborative Tool for Japanese Teleworkers with Physical Disabilities.*

M.I.S. Project Supervision:

1996-97 Zubin Austin *The Pharmaceutical Industry and Disease State Management: An Information Strategy in Context*
1995-96 Richard Ryczanowski *IT in Transit Systems*
1995-96 Simon Mielniczuk - *Participatory Design Applied to the Implementation of Ontario's Social Development Network*
1995-95 Martha Nangalama - *Information Technology in Retail Store*
1994-95 John Peco - *Organizational and Cultural Influences on Computer Training: A Look at Users, Coordinators and Managers*

M.I.S. Project Second Reader:

1994-94 Brian Detlor, *An Integrative Approach to Determining the Information Needs of Marketers*
1994-95 Rene Sandino, *Critical Success Factors for Process Re-engineering in Thomas Cook*
1993-93 Scott Ambler, *Meeting in Box: Design of a Meeting Support System*

Ph.D. Supervision:

2006- Terry Costantino
Karen Smith (co-advise with N. Watham)
Diane Dechief (co-advise with N. Caidi)
2004- John Stevenson (on leave)
2003-07 Krista Boa
2003- Joseph Ferenbok - *The Identity Myth: Constructing the Face in Technologies of Citizenship*
2002 - Adam Fiser - *From National Experiment to Local Infrastructure: A study of K-Net Services, manager of Canada's largest First Nations Community Network and its transition beyond the Connecting Canadians Agenda*

- 1999 - Frank Winter – *Connecting Saskatchewan: An Investigation into the Discourse of the Knowledge Based Economy/Society in the Province of Saskatchewan*
- 1997- Brenda McPhail - *Monitoring work, measuring worth: an ethnographic study of electronic monitoring and measurement in two Canadian financial services call centres (lapsed)*
- 1997-03 Rory O'Brien - *Information Flow Among Transnational Advocacy Networks: A Study of APC Computer Conferencing in Support of Global Policy Summits 1992-1995 (withdrawn)*
- 1996-02 Martin Dowding - *National Information Infrastructure Development in Canada and the U.S.: Re-Defining Universal Service and Universal Access in an Age of Techno-Economic Convergence - graduated March 2002*
- 1996-01 Felix Stalder - *Making Money: Notes on Technology as Environment, graduated June 2001*

Ph.D. Committees:

- 2002-04 Ana Viseu (OISE/UT) - *Socio-technical worlds: The visions and realities of bodynets*
- 2002-04 Robert Luke (OISE/UT) - *Open Source Learning and the Habit@online: How Web Portals Shape Participation in Digital Networks*
- 1998- Christine Marton, *Women's health information-seeking behaviour on the World Wide Web*
- 1997-00 Brian Detlor - *Facilitating Organizational Knowledge Work Through Web Information Systems*
- 1996-01 Chris Halonen - *Documenting the Information Aspects of Organizational Culture and History Through the Archival Preservation of Electronic Representations of Workers and their Daily Activities in Computerized Systems (lapsed)*
- 1993-94 Chris Syed, *From CLANN to UNILINC: Automated Library Consortia from a Soft Systems Perspective*
- 1991-93 Chun Wei Choo, *Environmental Scanning: A Study of Information Acquisition and Use by Chief Executive Officers*
- 1991-95 Mary Bissell, *Women's Experiences in the Printing Trade in Nineteenth Century Ontario*

Ph.D. Defense of Research Readiness Committee

- 2005 Colin Furness -
- 2004 Scott Paquette - *Inter-organizational Information Systems as Boundary Objects in Customer Knowledge Transfer*

Ph.D. Qualifying Examinations

- 1995 Cheryl Buchwald, major and minor areas
- 1991 Chris Syed, major area
Wang Jiabin, minor area
- 1990 Yuan Weijing, minor area
Chun Wei Choo, major and minor areas

Ph.D. Dissertation Appraisals:

- 2001 Tarja Kuosa, *Predispositions of Information Systems Professionals*, Department of Computer Science, University of Tampere, Finland (external examiner)

- 2000 Dan Dorner, Faculty of Information and Media Studies, Univ. of Western Ontario (external oral examiner)
- 1998 Steven Davis-Mendelow, *Silent Voices: Exploring the Information Needs of Front-line Child Protection Intake Workers*, University of Toronto (external oral examiner)
- 1997 Kirsti Nilsen, *Social Science Research in Canada and Federal Government Information Policy: the Case of Statistics Canada*, University of Toronto (internal oral examiner)
- 1991 Ellen Balka, *Womantalk: The Use of Computer Networks in the Context of Feminist Social Change*, Simon Fraser University (external oral examiner)
- 1991 Flor Cubero, *A Qualitative Approach to the Study of Information Needs of Policy Makers in Costa Rica*, University of Toronto (internal oral examiner)

UNIVERSITY SERVICE:

- 2007-08 IPSI (Identity, Privacy and Security Initiative), Management Committee
- 2001-08 KMDI Executive Committee
- 2001-08 KMDI Steering Committee
- 2004-06 FIS Life and Times Committee (co-Chair 2004)
- 2004-06 FIS Appointments Committee (Chair, IS++ subcommittee, 2005)
- 2005-06 FIS Tenure review Committee (N. Caidi, D. Phillips, J.E. Mai)
- 2003 FIS Tenure review Committee (J. Dilevko)
- 2001-03 FIS Masters Studies Committee (Chair 2003)
- 2001-07 FIS Promotions Committee
- 2001-07 KMDI Collaborative Graduate Program Committee (Chair)
- 2000-01 FIS Executive Committee
- 2000-01 FIS Appointments Committee
- 1996-97 FIS Tenure review Committee (C.W. Choo)
- 1996-98 FIS Library and Instructional Technology Committee
- 1996-97 FIS Appointments Committee
- 1996-97 FIS Tenure review Committee (B. Craig)
- 1996-97 FIS Task Group on the Information Lab
- 1996-97 FIS Executive Committee
- 1996-01 KMDI Steering Committee
- 1996-97 UTFA Council
- 1995 FIS Decanal Search Committee
- 1995-96 FIS Executive Committee
- 1995 SGS Division II Executive
- 1995 SGS Council
- 1994-96 UTFA Council
- 1991-05 Doctoral Studies Committee (FIS)
- 1990-91 Library and Instructional Technology Committee (FLIS) - Chair
- 1990 Academic Computing (FLIS), Co-coordinator
- 1989 Degree Committee (FLIS)
- 1987-89 Tenure and Promotion Committee (Atkinson College, York Univ.)
- 1987-89 Awards and Petitions Committee (Atkinson College, York Univ.)
- 1988-89 Advisory Committee on Academic Computing (Atkinson College, York Univ.)

CONTACT

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