

## CURRICULUM VITAE

### Michel E. Kabay, PhD, CISSP-ISSMP

Born 1950 in Montréal, Canada. Married.  
Naturalized citizen of USA since 2005.

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## EMPLOYMENT

### ON POINT CYBER

*Strategic Advisor, Operations – August 2014-present.*

Provide ideas, advice, recommendations and comments on product development, programming, production, marketing and internal policies.

### NORWICH UNIVERSITY

*Northfield, VT— School of Business and Management. May 2011-present: Professor of Computer Information Systems. Jul 2001 – April 2011: Associate Professor of Computer Information Systems*

TEACHING: CJ341/IA241 Cyberlaw and Cybercrime; IS101 & IS102/CS100 Fundamentals of Informatics I & II; IS/CS120 Introduction to Business Software; IS/IA340 Introduction to Information Assurance; IS353 COBOL; IS130 Introduction to Computers and C++ Programming; IS/CS240 Database Management Systems; IS/CS301 Software Engineering; IS/IA342 Management of Information Assurance; IS/CS406 student research projects; IS/CS407 Politics of Cyberspace; IA455 Current Topics in Information Assurance; IS/CS455 Strategic Applications of Information Technology; MSIA Seminar 1 Fundamentals of IA; MSIA Seminar 4 Prevention, Human Factors; MSIA Seminar 5 Computer Security Incident Response Team Management; QM213 Business and Economic Statistics I; QM317 Business and Economic Statistics II  
ADMINISTRATION: Associate Chair of Computing (2009-2010); Associate Director, Norwich University Center for Advanced Computing and Digital Forensics (2010-); Campus Climate Ctee (2010-2011); Chief Technical Officer, Online Graduate Programs (2004-2009); Ctee on Academic Technology (2001-2008); Ctee on Post-Tenure Review and Merit Pay (2010); Ctee on Workload Reduction (2010-2011); Director, Annual e-ProtectIT Infrastructure Security Conference (2002-2004); Director, Annual Information Assurance Student Symposium (2002-2008); Director, Annual Norwich University Information Assurance Graduate Conference (2004-2009); Director, Bachelor of Science in Computer Security & Information Assurance (2002-2005); Faculty Advisor, Norwich University ACM Special Interest Group on Security, Audit & Control (2001-present); Faculty Advisor, Norwich University Association for Computing Machinery Student Chapter (2001-present); Faculty Advisor, NU GLBTQ (Gay-Lesbian-Bisexual-Transsexual-Questioning & Allies) Alliance (2011-present); Faculty Advisor, NU Student Chapter of the National Association for the Advancement of Colored People (2013-present); Faculty Senate (2005-2006); Program Director, Master's in Information Assurance (2002-2009); University Curriculum Ctee (2010-2014); College of Professional Schools Curriculum Committee (2010-).

### INTERNATIONAL DATA GROUP (IDG)

*Boston, MA — Feb 2000-Sep 2011: Columnist*  
*Network World Security Strategies (2 x 750-word columns/week)*

### ADARIO/ATOMICTANGERINE, INC

*Menlo Park, CA — Feb 2000 – June 2001: Security Leader*

Representing AtomicTangerine at professional meetings and on professional Ctees. Teaching seminars at professional meetings and in colleges and universities. Writing White Papers and journal articles on selected topics. Serving as a technical content supplier for the AtomicTangerine Webmaster and for International Institute for Information Integrity (I-4) members. Supporting Information Security University. Responding to requests from journalists, academics and students. Providing consulting services in operations management and security.

### NCSA / ICSA LABS / TRUSECURE CORP

*Carlisle, PA — Jan 1991 - Jan 2000: Director of Education*

Ensuring that all NCSA/ICSA staff remained up to date about information security and I.T. standards, business and regulatory environments. Representing ICSA at professional meetings and Ctees. Teaching seminars at professional meetings and in colleges and universities. Writing White Papers and journal articles. Technical resource for the ICSA Webmaster and for Consortium managers. Responding to requests for information from journalists, academics and students. Series Editor of the *NCSA Guides to Information Security* with McGraw-Hill publishers. Wizop for ICSA CompuServe Security Forum.

### UNIVERSITY OF OTTAWA INSITUTE FOR GOVERNMENT INFORMATICS PROFESSIONALS

*Sep 1994 – Dec 1995: Instructor*

Taught T27 *Information Technology Security* (39 hours) to government employees in Hull, Québec for university credit (1994 and 1995).

### JINBU CORPORATION

*Montréal, Québec — Jul 1986 – Jun 1998: President & Owner*

Consulting in information systems management, security audits and planning, disaster prevention, mitigation and recovery planning, performance analysis and optimization on mainframes, minis and microcomputers. Developing and teaching courses in operations management, information systems security, system performance, database performance, and telecommunications. Experimental and sampling design; survey design and analysis. Organizational analysis and project evaluation.

### JOHN ABBOTT COLLEGE

#### School of Continuing Education

*Ste. Anne de Bellevue – Mar 1988 – May 1998:*

*Instructor, John Abbott College Programmers' Course (JPC) & Technical Support Program (TSP)*

Taught courses in Art of Technical Support, Data Communications, Effective Use of the HP3000, Emerging Internet Vulnerabilities, Ethical Decision-Making in High Technology, HP3000 Toolkit, Information Security, Internet Commerce, Quality Assurance, Strategic Applications of Information Technology, The Year 2000 Problem, TurboIMAGE/3000 Database Performance Optimization, VPLUS/3000 human interface software.

## MATHEMA, INC

Montréal — Dec 1983 – July 1986: Director of Technical Services Operations of Computer Service Bureau for 28 companies. Responsibilities included providing systems technical support; tuning OS (OS); evaluating utilities; standards for documenting procedures; load, recovery, and backup strategies; microcomputer policy and support, and capacity planning. Taught courses in OS internals, system monitoring techniques, network and relational database design, and application program performance enhancement. Assisted actuaries in statistical methodology.

## HEWLETT-PACKARD (CANADA) LTD

Kirkland, QC — Feb 1980 – Dec 1983: Systems Engineering Organization, HP3000 minicomputers

CONSULTING: HP3000 Performance; IMAGE/3000 optimal database design. (cont'd on next page)

TEACHING: OS internals and performance, network database design, advanced programming techniques, ad hoc report generator, system management, operations, patching OS tables, intelligent screen formatter, and text and document processing.

TECHNICAL SUPPORT: Team Leader, Phone-In Consulting Service (PICS for Eastern Canada; HP3000 System Manager, Kirkland office (in rotation with other systems engineers). RESEARCH: 6 months at HP Cupertino developing SYSDUMP Computer-Based Training prototype.

## LUPFER & LONG, INC

Hanover, New Hampshire; May 1979 – Feb 1980: (Full-time independent contractor working from Canada) Systems Analyst, Programmer & Statistical Consultant

INPROSYS -- relational database management system for General Motors (USA) Corporation Toxic Substances Database which recorded employee exposure to over 2,000,000 different substances in automobile components and manufacturing compounds. Designed and implemented syntax for statistical functions of command language; wrote BASIC code for compiler for parsing error-messages and code-generating sections of compiler to produce structured COBOL object code; designed quality-assurance tests; wrote and produced first edition of reference manual; taught course for medical directors.

## UNIVERSITÉ DE MONCTON

Département de Biologie, Moncton, Nouveau Brunswick, Canada Sept 1978 – May 1979: Professeur associé de biologie

TEACHING: biometry, introductory biology, human physiology (in French).

CONSULTING: helped faculty and others design and analyze research.

## CANADIAN INTERNATIONAL DEVELOPMENT AGENCY

Université nationale du Rwanda (National University of Rwanda), Faculté des sciences sociales et économiques; Faculté des sciences, département de l'agronomie. Butare, Rwanda (central Africa) (in French)

Nov 1976 – Aug 1978: Professor of Statistics and of Biometry TEACHING: Designed, taught courses in applied statistics for the BA program in social and economic sciences and survey design and data analysis to post-graduate students in management and business administration. Designed and taught course in experimental design and statistical analysis for postgraduate students in agronomic engineering program.

Taught programming to undergraduates using FORTRAN and microcomputer assembler.

CONSULTING: Organized symposium on Microcomputers and the Third World in 1978. Wrote computer programs for analysis of variance, multiple linear regression, and multivariate discrete analysis for Centre d'études et d'application de l'énergie au Rwanda and for agronomy department. Helped faculty members and others analyze results of local cooperative management projects. Helped faculty members and others in agronomy department in design, execution, and statistical analysis of agricultural field research. Helped FAO Tick Control Project officers in experimental designs for anti-tick drug trials and species-diversity studies. Provided statistical help to University administration in evaluating secondary-school standards.

## DARTMOUTH COLLEGE

Department of Biological Sciences, Hanover, New Hampshire; Sep 1972 – Aug 1976. Teaching Fellow (1972 – 75); Research Fellow (1975 – 76)

TEACHING: Assisted in biochemistry, general biology, comparative anatomy, embryology, general genetics, molecular genetics. Developed and taught course in applied statistics for graduate students in biology. RESEARCH: Designed, executed, and analyzed experiments in rotifer developmental biology. Wrote computer programs for data analysis on hand-held HP microcomputers.

CONSULTING: Helped professors and graduate students in experimental design and analysis.

## McGILL UNIVERSITY

Department of Biology, Montreal; May 1969 – Aug 1972 Teaching and research assistant

Teaching Assistant in general biology and general genetics labs. Summer Research Intern (Summer 1969) under direction of Dr Sally Long. Research projects: melanocyte implantation therapy and melanin substrate replacement for genetically-determined albinism in laboratory mice.

## EDUCATION

IMAGE/3000 Database Internals and Performance Specialist (HP Cupertino) 1982.

MPE/3000 OS Performance Specialist (HP Cupertino) 1981.

PhD (Dartmouth) 1977. Biological Sciences. Field exam: Applied Statistics and Invertebrate Zoology (in lab of Dr John J. Gilbert). Thesis: *Quantitative Studies of Developmental Responses to Tocopherol in the Rotifer, Asplanchna sieboldi*. All requirements completed Aug 1976.

MSc (McGill) 1972. Biology. Field: Teratology (pharmacology ✕ toxicology ✕ embryology) (in lab of Dr Daphne Trasler). Thesis: *Homeorhesis in Embryos of A/J and C57BL Mice and of their Hybrids*. All requirements completed Aug 1972.

BSc (McGill) 1971. Biology. Concentration in genetics. All requirements completed Aug 1970.

## OTHER ACTIVITIES

Memberships: Abraham Fund; American Association of University Professors (AAUP); Amnesty InterNat; Association for Computing Machinery (ACM); Dian Fossey Gorilla Fund; Electronic Frontier Foundation; Farm Sanctuary; Friends of the Earth; Greenpeace; Human Rights Campaign (HRC); Information Systems Security Association (ISSA) Life Member; InterNat Information Systems Security Certification Consortium (ISSC)<sup>2</sup>; InterNat Primate Protection League (IPPL); Natl Association for the Advancement of Colored People (NAACP) Silver Life Member; Natl Center for Science Education (NCSE); Natl Resources Defense Council (NRDC); Sierra Club. *ACM Ubiquity* Associate Editor (2000-2009). Writer, *InfoSec Perception* blog 2011-2013 (1 1000-word article/week). Board of Advisors, Lost Nation Theater (1999-2002). Hobbies: Playing chamber music, singing art songs (bass baritone), reading poetry, science-fiction and crime novels. Maintaining our home 40 on acres of woodlands and fields in Vermont. Savoring every day with my beloved wife Deborah Black, light of my life.

## HONORS

### Michel E. Kabay, PhD, CISSP-ISSMP



- Dec 2014 Award for Scholarly Research, Norwich University
- Feb 2011 Invited to be Technical Editor of Wiley's *Computer Security Handbook, 6<sup>th</sup> Edition (published March 2014)*
- May 2011 Promoted to rank of Full Professor by Norwich University
- May 2008 Granted tenure by Norwich University
- Aug 2006 Invited to be Technical Editor of Wiley's *Computer Security Handbook, 5<sup>th</sup> Edition (published 2009)*
- Oct 2005 Achieved status as *Information Systems Security Management Professional (ISSMP)*
- Dec 2004 Inducted into *Security Hall of Fame* of the ISSA (Information Systems Security Association) and named Life Member
- June 2004 Named an *Honorary Black Lesbian* by graduating student in the MSIA program for support of diversity programs
- May 2004 Invited to be Associate Editor of ACM *Ubiquity* online magazine
- Apr 2002 Invited to participate in *Information Assurance Curriculum Workshop*, Purdue University
- Nov 2001 Invited to become Program Director to create the Master of Science in Information Assurance in the School of Graduate and Continuing Studies at Norwich University
- May 2001 Invited to join the faculty as Associate Professor to create the Baccalaureate in Information Assurance in the School of Business & Management at Norwich University
- July 2000 Invited to join the *Common Body of Knowledge Review Ctee* of (ISC)<sup>2</sup> (International Information Systems Security Certification Consortium)
- Jul 1999 Invited to be Technical Editor of Wiley's *Computer Security Handbook, 4<sup>th</sup> Edition (published 2002)*
- Jun 1997 Invited to address *President's Commission on Critical Infrastructure Protection*, Washington
- Jan 1997 Achieved status as CISSP by passing exam (instead of being grandfathered in)
- Jan 1996 Invited to join examination-writing Ctee for *Certified Information Systems Security Professional (CISSP)*
- Nov 1995 Invited daylong speaker, NATO *Lathe Gambit* Counterintelligence Conference, Garmisch, Germany
- Jan 1995 Invited to contribute chapter to Wiley's *Computer Security Handbook, 3rd Edition (published 1996)*
- Apr 1994 Invited to be Leader, *International Delegation of Information Security Experts to the People's Republic of China* organized by People-to-People, Inc.
- Sep 1993 Received *Best Paper Award*, 16th NIST/NCSC National Computer Security Conference, Baltimore
- Sep 1993 Received *Distinguished Service Award*, INTEREX, International Association of HP Computer Users
- Feb 1993 Received *Distinguished Service Award*, Montreal Regional HP Computer Users' Group
- Aug 1992 Awarded certificate for *Best Tutorial*, INTEREX (Int'l HP Users' Group) Annual Meeting, New Orleans
- Sep 1990 Received *Best Paper Awards #1 and 2*, INTEREX (Int'l HP Users' Group) Annual Meeting, Boston
- Mar 1990 Elected to *HP3000 Masters Group*, Southern California Regional Users' Group (restricted group of MPE operating-system and performance-optimization specialists)
- Mar 1982 Named *Systems Engineer of the Year*, HP Canada
- Sep 1975 Named *Research Fellow*, Dartmouth College under direction of Dr John J. Gilbert (waiver of DC fees + salary)
- Sep 1972 Named *Teaching Fellow*, Dartmouth College (waiver of DC fees + salary)
- May 1969 Named *Summer Research Fellow*, McGill University Human Genetics Sector, under direction of Dr Sally Long & Dr Daphne Trasler
- Jul 1966 Named *Dux of the Boys Side* (top matriculation grades), Westmount High School; 1<sup>st</sup> winner of the *Angus Bernard Medal in English*; ranked 10<sup>th</sup> highest matriculation grades in Province of Québec

# PUBLICATIONS

Michel E. Kabay, PhD, CISSP-ISSMP

## 2016

*Statistics in Business, Finance, Management and Information Technology: A Layered Introduction with Excel*. Eleventh Draft Edition 0.11 (Oct 2016). Text for QM213. 212 pp. Available free at [http://www.mekabay.com/courses/academic/norwich/qm213/statistics\\_text.pdf](http://www.mekabay.com/courses/academic/norwich/qm213/statistics_text.pdf)

*Tips for Using MS-Word Effectively*. Version 10 (Jan 2016). Text for CS120. 109 pp. Available free at [http://www.mekabay.com/methodology/word\\_tips.pdf](http://www.mekabay.com/methodology/word_tips.pdf)

*Tips for Using MS-PowerPoint Effectively*. Version 1 (Mar 2016). Text for CS120. 56 slides. Available free at [http://www.mekabay.com/methodology/powerpoint\\_tips.pptx](http://www.mekabay.com/methodology/powerpoint_tips.pptx)

## 2015

*Statistics in Business, Finance, Management and Information Technology: A Layered Introduction with Excel*. Ninth Draft Edition 0.8. Text for QM213. 207 pp. Available free at [http://www.mekabay.com/courses/academic/norwich/qm213/statistics\\_text.pdf](http://www.mekabay.com/courses/academic/norwich/qm213/statistics_text.pdf)

## 2014

*Statistics in Business, Finance, Management and Information Technology: A Layered Introduction with Excel*. Seventh Draft Edition 0.8. Text for QM213. 207 pp. Available free at [http://www.mekabay.com/courses/academic/norwich/qm213/statistics\\_text.pdf](http://www.mekabay.com/courses/academic/norwich/qm213/statistics_text.pdf)

Bosworth, S., M. E. Kabay, & E. Whyne (2014), editors. *Computer Security Handbook*, 6<sup>th</sup> Edition. Wiley (ISBN 978-1118127063). Two volumes; 2224 pp. Index. Chapters:

2. Kabay, M. E.: **History of Computer Crime**
10. Kabay, M. E.: **Understanding Studies and Surveys of Computer Crime**
15. Cobb, C., S. Cobb & M. E. Kabay & T. Crothers: **Penetrating Computer Systems and Networks**
36. Johnson, D. J., N. Takacs, J. Hadley, & M. E. Kabay: **Securing Stored Data**
38. Nichols, L. E., M. E. Kabay, & T. Braithwaite: **Writing Secure Code**
44. Kabay, M. E. & B. Robertson: **Security Policy Guidelines**
45. Kabay, M. E. & B. Robertson: **Employment Practices and Policies**
47. Kabay, M. E., D. Holden & Myles Walsh: **Operations Security and Production Controls**
48. Kabay, M. E. & N. Takacs: **E-Mail and Internet Use Policies**
50. Kabay, M. E., B. Robertson, M. Akella & D. T. Lang: **Using Social Psychology to Implement Security Policies**
54. Glass, D., R. O. Moore, C. Davis, J. Mason, D. Gursky, J. Thomas, W. Carr, M. E. Kabay & D. Levine: **Security Audits**
56. Miora, M., M. E. Kabay & B. Cowens: **Computer Security Incident Response Teams**
57. Kabay, M. E. & D. Holden: **Data Backups and Archives**
63. Hallberg, C., M. E. Kabay, B. Robertson & A. Hutt: **Management Responsibilities and Liabilities**

66. Kabay, M. E. & S. Kelley: **Developing Security Policies**
70. Kabay, M. E., E. Salveggio & R. D. Rosco: **Anonymity and Identity in Cyberspace**
74. Kabay, M. E., C. Christian, K. Henry & S. Schneider: **Professional Certification and Training in Information Assurance**

## 2013

*InfoSec Reviews – InfoSec Perception newsletter*. See #s 67-98 [32 articles] [http://www.mekabay.com/perception/perception\\_list\\_of\\_files.htm](http://www.mekabay.com/perception/perception_list_of_files.htm)

## 2012

*InfoSec Reviews – InfoSec Perception newsletter*. See #s 17-66 [50 articles] [http://www.mekabay.com/perception/perception\\_list\\_of\\_files.htm](http://www.mekabay.com/perception/perception_list_of_files.htm)

## 2011

*InfoSec Reviews – InfoSec Perception newsletter*. See #s 11-16 [6 articles] [http://www.mekabay.com/perception/perception\\_list\\_of\\_files.htm](http://www.mekabay.com/perception/perception_list_of_files.htm)

*Network World Security Strategies newsletter*. See #s 852a-928 [80 articles including those using letters such as 852a etc.] [http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

## 2010

*Network World Security Strategies newsletter*. See #s 780-851 [113 articles] [http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

## 2009

Bosworth, S., M. E. Kabay, & E. Whyne (2009), editors. *Computer Security Handbook*, 5<sup>th</sup> Edition. Wiley (ISBN 0-471-71652-9). Two volumes; 2040 pp. Index. Chapters:

2. Kabay, M. E.: **History of Computer Crime**
10. Kabay, M. E.: **Understanding Studies and Surveys of Computer Crime**
15. Cobb, C., S. Cobb & M. E. Kabay: **Penetrating Systems and Networks**
38. Nichols, L. E., M. E. Kabay, & T. Braithwaite: **Writing Secure Code**
44. Kabay, M. E. & B. Robertson: **Security Policy Guidelines**
47. Kabay, M. E., D. Holden & Myles Walsh: **Operations Security and Production Controls**
48. Kabay, M. E. & N. Takacs: **E-Mail and Internet Use Policies**
50. Kabay, M. E., B. Robertson, M. Akella & D. T. Lang: **Using Social Psychology to Implement Security Policies**
56. Miora, M., M. E. Kabay & B. Cowens: **Computer Security Incident Response Teams**
57. Kabay, M. E. & D. Holden: **Data Backups and Archives**
63. Hallberg, C., M. E. Kabay, B. Robertson & A. Hutt: **Management Responsibilities and Liabilities**
66. Kabay, M. E. & S. Kelley: **Developing Security Policies**
70. Kabay, M. E., E. Salveggio & R. Guess: **Anonymity and Identity in Cyberspace**
74. Christian, C., M. E. Kabay, K. Henry & S. Schneider: **Professional Certification and Training in Information Assurance**

### White Papers on Web Site

1. Protecting Your Reputation in Cyberspace.  
<http://www.mekabay.com/infosecmgmt/reputation.pdf>
2. Waving the Red Flag: Rules for Reducing Identity Theft.  
<http://www.mekabay.com/infosecmgmt/redflag.pdf>
3. Documentation for Less Work: Will this Have to be Done Again?  
<http://www.mekabay.com/opsmgmt/documentation.pdf>
4. Preparing for the Next Solar Max.  
<http://www.mekabay.com/infosecmgmt/solarmax.pdf>
5. Understanding Computer Crime Studies and Statistics v6.  
[http://www.mekabay.com/methodology/crime\\_stats\\_methods.pdf](http://www.mekabay.com/methodology/crime_stats_methods.pdf)
6. Pepys into the Corridors of Power.  
<http://www.mekabay.com/opinion/pepys.pdf>
7. System Logging.  
<http://www.mekabay.com/opsmgmt/logging.pdf>
8. IA Specialists Need to Communicate: Guide and Checklist for Expository Writing.  
<http://www.mekabay.com/expository.pdf>
9. US DoD Annual Estimates of Information Warfare Capabilities and Commitment of the PRC 2002-2009.  
[http://www.mekabay.com/overviews/dod\\_prc\\_iw.pdf](http://www.mekabay.com/overviews/dod_prc_iw.pdf)
10. Frequently Corrected Errors v6.  
<http://www.mekabay.com/methodology/fce.pdf>
11. On Writing v9.  
<http://www.mekabay.com/methodology/writing.pdf>
12. The End of Passwords.  
[http://www.mekabay.com/infosecmgmt/end\\_pw.pdf](http://www.mekabay.com/infosecmgmt/end_pw.pdf)
13. Using E-mail Safely and Well v2.  
<http://www.mekabay.com/infosecmgmt/emailsec.pdf>

*Network World Security Strategies newsletter*. See #s 700a-781 [109 articles including those using letters such as 700a etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

Intellectual property developments in 2008. In: *2008 Year in Review*, Peltier Associates, pp unknown. Original URL unavailable.  
[http://www.mekabay.com/overviews/iplaw\\_2008.pdf](http://www.mekabay.com/overviews/iplaw_2008.pdf)

## 2008

### White Papers on Web Site

1. Brief History of Computer Crime.  
[http://www.mekabay.com/opsmgmt/facilities\\_security.pdf](http://www.mekabay.com/opsmgmt/facilities_security.pdf)
2. Facilities Security: How to protect your site against attacks and damage.  
[http://www.mekabay.com/opsmgmt/facilities\\_security.pdf](http://www.mekabay.com/opsmgmt/facilities_security.pdf)

*Network World Security Strategies newsletter*. See #s 618-699 [108 articles including those using letters such as 625a etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

Intellectual property developments in 2007. In: *2007 Year in Review*, Peltier Associates, pp 36-39. Original URL unavailable.  
[http://www.mekabay.com/overviews/iplaw\\_2007.pdf](http://www.mekabay.com/overviews/iplaw_2007.pdf)

## 2007

*Network World Security Strategies newsletter*. See #s 274o-274s & 526-617 [97 articles including those using letters such as 274o etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

Intellectual property developments in 2006. In: *2006 Year in Review*, Peltier Associates, pp 28-30. Original URL unavailable.  
[http://www.mekabay.com/overviews/iplaw\\_2006.pdf](http://www.mekabay.com/overviews/iplaw_2006.pdf)

## 2006

*Network World Security Strategies newsletter*. See #s 274m-n & 426-525 [111 articles including those using letters such as 274o etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

### White Paper on Web Site

Tips for Using MS-Word  
[http://www.mekabay.com/methodology/word\\_tips.pdf](http://www.mekabay.com/methodology/word_tips.pdf)

### Ubiquity Magazine of the Association for Computing Machinery

- The Net Neutrality Debate (5/23/06)  
[http://www.acm.org/ubiquity/views/v7i20\\_neutrality.html](http://www.acm.org/ubiquity/views/v7i20_neutrality.html)

## 2005

Improving information assurance education key to improving security management. *J. Network & Systems Management* (online, by subscription only) Sept 2005. Table of Contents  
<http://www.sce.umkc.edu/jnsm/vois/vol13n3.html>

### Ubiquity Magazine of the Association for Computing Machinery

Some notes on malware. (8/16/05)  
[http://www.acm.org/ubiquity/views/v6i30\\_kabay.html](http://www.acm.org/ubiquity/views/v6i30_kabay.html)

*Network World Security Strategies newsletter*. See #s 274j1-1 & 339-425b [106 articles including those using letters such as 274j1 etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

## 2004

### Ubiquity Magazine of the Association for Computing Machinery

Airport Safety: A Case Study for Infrastructure Security.  
[http://www.acm.org/ubiquity/views/v5i34\\_kabay.html](http://www.acm.org/ubiquity/views/v5i34_kabay.html)

Information assurance careers. *AAAS Science Magazine NextWave*  
<http://tinyurl.com/5df23d>

*Network World Security Strategies newsletter*. See #s 274a-i2, 274x, & 261-338 [93 articles including those using letters such as 274a etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

## 2003

*Network World Security Strategies newsletter*. See #s 176-260 [118 articles including those using letters such as 190k etc.]  
[http://www.mekabay.com/nwss/nwss\\_list\\_of\\_files.htm](http://www.mekabay.com/nwss/nwss_list_of_files.htm)

### Ubiquity Magazine of the Association for Computing Machinery

1. Talking with: Security Expert M. E. Kabay. Vol. 4, No. 34.  
[http://www.acm.org/ubiquity/interviews/v4i34\\_kabay.html](http://www.acm.org/ubiquity/interviews/v4i34_kabay.html)
2. Computer-Aided Thematic Analysis™. Vol. 4, No. 24.  
[http://www.acm.org/ubiquity/views/v4i24\\_kabay.html](http://www.acm.org/ubiquity/views/v4i24_kabay.html)  
<http://www.mekabay.com/methodology/cata.htm>  
<http://www.mekabay.com/methodology/CATA.pdf>
3. Staffing the Data Center. Vol. 4, No. 14.  
[http://www.acm.org/ubiquity/views/m\\_kabay\\_11.html](http://www.acm.org/ubiquity/views/m_kabay_11.html)
4. Organizing and safeguarding information on disk. Vol. 4, No. 6.  
[http://www.acm.org/ubiquity/views/m\\_kabay\\_10.pdf](http://www.acm.org/ubiquity/views/m_kabay_10.pdf)  
Also at <http://www.mekabay.com/methodology/osiod.pdf>

## 2002

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- I. Customer service. 7(4):33
- II. Structure and function. 7(4):35
- III. Technical training. 7(4):38

System failures--Is there a better way? *Interact* 7(2):89

## 1986

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## Not Related to Information Technology

### *As secondary author:*

1. Black, D. N., M. E. Kabay, A. Kertesz, B. Stip, M. A. Bedard, F. Charest (2001). Inter-observer variability in the frontal behavioral inventory. *Brain and Cognition* 47: 233-237
2. Black, D. N., M. E. Kabay, A. Kertesz, B. Stip, M. A. Bedard, F. Charest (2000). Inter-observer variability in the frontal behavioral inventory. Poster, The Frontal Lobes Conference, Toronto, Canada, 20-24 Mar 2000.
3. Black, D. N., E. Stip, M-A Bedard, M. E. Kabay, I. Paquette & M-J Bigras (1999). Leukotomy revisited: Few late cognitive or behavioral effects in chronic institutionalized schizophrenics. *Schizophrenia Research* 43:57-64.
4. Black, D. N., E. Stip, M.-A. Bédard, M. E. Kabay, I. Paquette & M.-J. Bigras (1999). Lobotomy Revisited: Few Late Cognitive or Behavioral Effects In Chronic Institutionalized Schizophrenics. Poster, Annual Meeting of the American Neuropsychiatric Association, Phoenix, AZ, 16-18 Apr 1999.
5. Black, D. N., E. Stip, M.-J. Bigras, I. Paquette, M.-A. Bedard & M. E. Kabay (1998). Lack of long-term effect of prefrontal lobotomy in chronic institutionalized schizophrenics. Poster, Annual Meeting of the American Neuropsychiatric Association, Honolulu, HI, 1-3 Feb 1998.
6. Black, D. N., F. Booth, G. V. Watters, E. Andermann, C. Dumont, B. Halliday, M. E. Kabay, P. Kaplan, K. Meagher- Villemure, J. Michaud, G. O’Gorman (1988). Leukoencephalopathy among native Indian infants in northern Quebec and Manitoba. *Ann. Neurol.* 24(4):490
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8. Black, D. N. & M. E. Kabay (1987). New sleep disorder. *Canadian Medical Association Journal* 137(9):787-788 [humorous article]  
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9. Black, D. N., E. Andermann, T. Costa, C. Dumont, M. E. Kabay, P. Kaplan, R. Nagy, E. Reece, K. M. Villemure, and G. V. Watters (1984). Severe familial encephalopathy in Cree infants with white matter degeneration and immunological abnormalities in cerebrospinal fluid. *Can. J. Neurol. Sci.* 11:333
10. Savoie, P. & M. E. Kabay (1980). Choosing optimum application rates in developing countries. *Amer. J. Agric. Economics* 62(4):734-736

### *As primary author*

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2. (2010). Letter to an Anti-Abortinist.  
[http://www.mekabay.com/opinion/letter\\_anti-abortionist.pdf](http://www.mekabay.com/opinion/letter_anti-abortionist.pdf)
3. (2009). On Writing, v10. <http://www.mekabay.com/opinion/writing.pdf>
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8. (2005). Airport Safety: A Case Study for Infrastructure Security. [http://www.mekabay.com/opinion/airport\\_safety.pdf](http://www.mekabay.com/opinion/airport_safety.pdf)
9. (2005) Science and Non-Science: An epistemological conflict.  
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13. Kabay, M. E. & J. J. Gilbert (1978). Polymorphism in the rotifer, *Asplanchna sieboldi*: insensitivity of the body-wall outgrowth response to temperature, food density, pH, and osmolarity. *Archiv für Hydrobiologie* 83:377-390
14. Kabay, M. E-& J. J. Gilbert (1977). Polymorphism and reproductive mode in the rotifer, *Asplanchna sieboldi*: relationship between meiotic oogenesis and shape of body-wall outgrowths. *J. Exp. Zool.* 201:21-28
15. Kabay, M. E-& J. J. Gilbert (1977). A new rotifer-based assay for tocopherol. *Lipids* 12:875-878



# COURSES, SEMINARS & LECTURES

Michel E. Kabay, PhD, CISSP-ISSMP

## 2017

2017-01 CS212AB Assembly Programming & Reverse Engineering (6 hr/wk);  
CS240AB Database Management (6 hr/wk). Norwich University

## 2016

2016-08 CS407 Politics of Cyberspace (3 hr/wk);  
IA340 Introduction to Information Assurance (3 hr/wk);  
IA55 Current Topics in Information Assurance (3h/wk);  
QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.

2016-06 20<sup>th</sup> Colloquium on Information Systems Security Education (CISSE): 13-15 June, Philadelphia.

2016-05 CS406i Independent Study – Research on Botnets by student Akshay Awasthi 6 hr/wk x 8 wks);  
QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.

2016-03 Lecture for US Army Reserve on Information Warfare (4 hr). Fort Ethan Allen Training Facility, Colchester, VT.

2016-01 CS120 Business Software (3 hr/wk);  
CS240AB Database Management (6 hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

## 2015

2015-08 CS100 Foundations of CS & IA (3 hr/wk);  
CS407 Politics of Cyberspace (3 hr/wk);  
IA340 Introduction to IA (3 hr/wk);  
IA455 Contemporary Issues in IA (3 hr/wk).

2015-06 CS406i (Independent Study – Research on Two-Factor Authentication by student Akshay Awasthi (6 hr/wk x 8 wks)  
QM213DL Introduction to Statistics for Business & Management (3 hr/wk) – online. Norwich University.

2015-01 IS342 Management of Information Assurance (3 hr/wk);  
IS406 (=IS301) Software Engineering I (3 hr/wk);  
IS407 Politics of Cyberspace (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3h/wk);  
QM213ABC Introduction to Statistics for Business & Management (9 hr/wk) – 2 sections. Norwich University

## 2014

2014-12 Cyberbullying Awareness Training (1 hr); – for Rooks [organizer & speaker (15 minutes)]  
Artificial Intelligence (1 hr); & Social Engineering (1 hr);  
lectures for ACM Student Chapter at Norwich University.

2014-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3h/wk);

QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

2014-04 Theory of Nymity (1 hr) lecture for ACM Student Chapter at Norwich University

2014-01 IS342 Management of Information Assurance (3 hr/wk);  
IS406 Special Topics (3 hr/wk);  
IS407 Politics of Cyberspace (3 hr/wk);  
QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University

## 2013

2013-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3h/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

2013-04 Readings: Sherlock Holmes (1 hr each: 3-10-17 Apr);  
Kreizberg Library Multipurpose Room

2013-03 Readings: Sherlock Holmes (1 hr each: 6-20-27 Mar);  
Kreizberg Library Multipurpose Room

2013-02 Readings: Sherlock Holmes (1 hr each: 13-20-27 Feb);  
Kreizberg Library Multipurpose Room

2013-01 IS342 Management of Information Assurance (3 hr/wk);  
IS407 Politics of Cyberspace(3 hr/wk);  
QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University

## 2012

2012-12 Readings: Poems by Coleridge, Wordsworth & Hopkins (1 hr 3 Dec); Kreizberg Library Multipurpose Room

2012-11 Readings: science fiction (1 hr 5 Nov), Sherlock Holmes (1 hr 12 Nov), Chaucer's Canterbury Tales (1 hr 26 Nov);  
Kreizberg Library Multipurpose Room.

2012-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS301 Systems Engineering I (3hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3h/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

2012.07 Academic Dishonesty in Online Courses. Workshop (1 hr) eCampus6 Security Conference, Dartmouth College, Hanover, NH.

2012-01 IS342 Management of Information Assurance (3 hr/wk);  
IS407 Politics of Cyberspace (3 hr/wk);  
QM213A&B Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.

## 2011

2011-08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk);  
IS340 Introduction to Information Assurance (3 hr/wk);  
IS455 Strategic Applications of Information Technology (3hr/wk);  
QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.

2011-05 IS340 Introduction to Information Assurance (summer course online)

2011-04 History of WikiLeaks (30 min); WikiLeaks Colloquium, Norwich University/Vermont InfraGard (organizer & chair)

2011-02 Information Warfare Doctrine in the PRC (1 hr) lecture in "China Comes to Norwich" Faculty Lecture Series

- 2011-01 IS342A Management of Information Assurance (3 hr/wk); IS407A Politics of Cyberspace (3 hr/wk); QM213 Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.
- 2010**
- 2010-08 IS100 Foundations of Computer Science & Information Assurance (shared with 4 other professors) (3 hr/wk); CJ 341 Cyberlaw & Cybercrime (3 hr/wk); IS340 Introduction to Information Assurance (3 hr/wk); IS455 Strategic Applications of Information Technology (3hr/wk); QM213 Introduction to Statistics for Business & Management (3 hr/wk). Norwich University.
- 2010-03 The Science & Technology of Faces (1 hr); lecture inaugurating Sullivan Museum series (with Dr D. N. Black, MD)
- 2010-02 Using WORD features to Provide Feedback to Students (1 hr); School of Business & Management faculty lecture series
- 2010-01 IS102 Introduction to Informatics 2 (shared with 3 other professors) (1 hr/wk); IS240 Database Management Systems (3 hr/wk); IS300B Management Information Systems independent study (3 hr/wk); IS342A Management of Information Assurance (3 hr/wk); IS342B Management of Information Assurance independent study (3 hr/wk); IS406B Politics of Cyberspace (3 hr/wk); QM213 Introduction to Statistics for Business & Management (3 hr/wk) – 2 sections. Norwich University.
- 2009**
- 2009-09 CJ 341 Cyberlaw & Cybercrime (3 hr/wk); IS101 Introduction to Informatics 1 (shared with 3 other professors) (1 hr/wk); IS340 Introduction to Information Assurance (3 hr/wk); IS455 Strategic Applications of Information Technology (3hr/wk). Norwich University.
- 2009.06 Sixth Annual MSIA Graduate Security Conference: Director's Address (1 hr); Legal Aspects of Investigating & Prosecuting Computer Crimes (3½ hr).
- 2009.05 Introduction to Intellectual Property Law. Bootcamp Workshop (4 hr). 13th Colloquium on Information Systems Security Education. Seattle, WA.
- 2009.01 IS406B Politics of Cyberspace (3 hr/wk). Norwich University.
- 2008**
- 2008.11 Authentication of Remote-Learning Students: On the Internet Nobody Knows Your're a Dog. Workshop (1 hr) eCampus Security 2.0 Conference, Dartmouth College, Hanover, NH.
- 2008.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk). Norwich University.
- 2008.06 Fifth Annual MSIA Graduate Security Conference: Director's Address (1 hr); Human Factors in Management of IA (1 day); Intellectual Property Law (4 hrs)
- 2008.05 IA in an Open Environment (1 hr); Information Systems Security Association Central Ohio InfoSec Summit, Cincinnati, OH; The Norwich MSIA After Six Years: A Guided Tour (1 hr); Workshop on Human Factors in Management of IA (1 day):
- \* Security policy guidelines
  - \* Security awareness
  - \* Employment practices & policies
  - \* Operations security
  - \* E-mail and Internet use policies
  - \* Social psychology and INFOSEC
  - \* Developing security policies
- 2008.04 Social Psychology & INFOSEC. Mount Holyoke Community College Security Symposium. (1 hr) Mount Holyoke, MA.
- 2008.03 The MSIA after Six Years (45 min). Federal Information Systems Security Educators' Conference, Gaithersburg, MD.
- 2008.02 La sécurité informatique dans un environnement de réseaux ouverts (45 min, in French). Conférence Boule de Cristal 2008, Montréal; Facteurs humains dans la gestion de la sécurité informatique (8 hr, in French). Atelier, Institute de sécurité informatique du Québec, Montréal.
- 2007**
- 2007.10 Prioritizing Information Security Issues for Colleges & Universities (20 min). Securing the eCampus 2.0: Building a Culture of Information Security in an Academic Institution. Dartmouth College, Hanover NH.; Protecting Data at Rest (60 min). Information Systems Security Association Hartford, CT Chapter Meeting.
- 2007.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk). Norwich University.
- 2007.06 GI554 Computer Security Incident Response Team Management (6 hr/wk) Norwich University School of Graduate Studies, MSIA Program.
- 2007.02 Industrial Espionage (90 min). Guest lecturer – Manufacturing Processes course (Prof Ed Buturla), University of Vermont
- 2007.01 IS342 Management of Information Assurance (3 hr/wk); IS240 Database Management Systems (3 hr/wk); IS102 Introduction to Informatics II (1 hr/wk). Norwich University
- 2006**
- 2006.08 CJ 341 Cyberlaw & Cybercrime (3 hr/wk); & IS455 Strategic Applications of Information Technology (3 hr/wk). Norwich University.
- 2006.08 Effective Leadership (1 hr); Organizational Psychology (1 hr). Norwich University ROTC Cadre Training.
- 2006.06 Information Warfare (4 hr). Advanced Course in Engineering Cyber Security Boot Camp. Rome, NY for Syracuse University
- 2006.06 INFOSEC UPDATE (16 hr); & Security, Psychology & Society (1 hr). Norwich University Information Assurance Graduate Conference.
- 2006.02 Le rôle des gestionnaires dans la lutte contre l'espionnage industriel (1 hr). Invited lecture at conference La Boule de Cristal du CRIM, organized by the Centre de la Recherche Industriel de Montréal, Canada.

- 2006.01 Rosa Parks: American Hero (1 hr). Biographical lecture and slide show as part of Martin Luther King Day celebrations at Norwich University.
- 2006.01 INFOSEC UPDATE (16 hr). Rome NY for Syracuse University.
- 2006.01 IS342 Management of Information Assurance (3 hr/wk); IS240 Database Management Systems (3 hr/wk); IS102 Introduction to Informatics II (1 hr/wk). Norwich University
- 2005**
- 2005.08 IS340 Introduction to Information Assurance (3 hr/wk); IS353 COBOL (3 hr/wk). Norwich University
- 2005.07 Information Warfare (7 hr). Advanced Course in Engineering Cyber Security Boot Camp. Rome, NY for Syracuse University
- 2005.06 INFOSEC UPDATE (8 hr). Norwich University Information Assurance Graduate Conference.
- 2006.04 MSIA Seminar 4: Prevention – Human Factors. (6 credits, 11 weeks, 8 hr/wk). Norwich University.
- 2005.03 Information Assurance Teaching Resources on the Web: Mich's Grab-Bag. Federal Information Systems Security Educators' Association Annual Meeting, Baltimore, MD (delivered remotely)
- 2005.01 IS342 Management of Information Assurance (3 hr/wk); & IS240 Database Management Systems (3 hr/wk). Norwich University
- 2004**
- 2004.09 Electronic Voting Discussion (1.5 hr), Randolph, VT
- 2004.09 VT INFOSAFE presentation (1.5 hr), Vermont College, Montpelier (via instructional TV)
- 2004.08 VT INFOSAFE presentation, Champlain Valley PC Users' Group (2 hr), Burlington, VT
- 2004.06 INFOSEC Update (16 hr), Norwich University Master's in Information Assurance Residency, Northfield VT
- 2004.05 New England Information Security Group: Social Psychology and INFOSEC (1 hr), Waltham, MA
- 2004.01 Panel discussion on electronic voting (2 hr), Voting Protection Act – People's Assembly for Justice & Peace Vermont, Montpelier.
- 2004.01 IS102 Fundamentals of Informatics (total 8 hrs in term); IS 120 Business Applications and Problem Solving (3 hr/week); IS 240 Database Management Systems (3 hr/week); IS342 Management of Information Assurance (3 hr/week).
- 2003**
- 2003.08 IS 101 Fundamentals of Informatics (total 6 hrs in term); IS 301 Software Engineering (3 hr/week); IS 340 Introduction to Information Assurance (3 hr/week); The Art of Technical Support (1 hr/week). Norwich University, Northfield, VT.
- 2003.07 Fundamentals of INFOSEC (1 hr). VITA Learn Conference, Norwich University, Northfield VT.
- 2003.06 The Norwich MSIA Program (20 min). Invited speaker, Distance Education Panel, 7<sup>th</sup> Colloquium on Information Systems Security Education, Washington, DC.
- 2003.03 INFOSEC Update 2003 (16 hr); and What's Wrong with INFOSEC (30 min) – plenary; 5<sup>th</sup> Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2003.03 US Civil Liberties Post 9/11: A panel discussion hosted by Channel 17, RETN and VCAM. Recorded: 3/19/03. <http://real21mt.audiovideoweb.com/ramgen/avwebmt1257/031903b.rm>
- 2003.03 Why a White Jewish Boy from Canada is a Member of the NAACP. Lecture on Jews in the Fight Against Racism in America (1 hr). Ohavi Zedek Synagogue, Burlington, VT.
- 2003.01 Why a White Boy from Canada is a Member of the NAACP (1 hr). Martin Luther King, Jr celebrations, Norwich University.
- 2003.01 IS 240 Database Management Systems (3 hr/week); IS 302 Structured Systems Design II (3 hr/week); IS455 Management of Information Assurance (3 hr/week) Norwich University, Northfield, VT.
- 2002**
- 2002.12 Information Security on a Budget (1 hr). Keynote speaker, Network World Deutschland Sicherheit Konferenz, Munich, Germany. Via interactive television hookup.
- 2002.09 What's wrong with INFOSEC (1 hr). Keynote speaker, e-Gov Conference, Washington DC.
- 2002.09 IS 340 Introduction to Information Assurance (3 hr/wk), CJ 341 Cybercrime (3 hr/wk), IS 101 Fundamentals of Informatics (total 6 hrs in term), MSIA Seminar 1: Fundamentals (11 weeks). Norwich University, Northfield, VT.
- 2002.05 Cyberspace Safety (2.5 hr). Presented to spouses of Board of Trustees, Norwich University, Northfield VT.
- 2002.03 INFOSEC UPDATE 2002 (16 hr), 4<sup>th</sup> Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2002.02 Keynote speaker, Network World Deutschland Computer Sicherheit Konferenz III– Dusseldorf: Bugs, Flaws and Features (1 hr); Social Psychology and INFOSEC (1 hr).
- 2002.01 IS 240 Database Management Systems (3 hr/week); QM 317 Advanced Econometrics (3 hr/week); Norwich University, Northfield, VT.
- 2001**
- 2001.12 Keynote speaker, Network World Deutschland Computer Sicherheit Konferenz II– Munich: Bugs, Flaws and Features (1 hr); Social Psychology and INFOSEC (1 hr).
- 2001.10 Tutorial: Cryptography and Steganography, Vermont InfraGard Meeting, Montpelier VT (3 hr).
- 2001.09 Social Psychology and INFOSEC (1 hr), Department of Communications guest lecture; Information Warfare (1 hr), lunchtime lecture, Department of Psychology; Norwich University, Northfield, VT.
- 2001.09 IS 130 Introduction to Computers and Programming (6 hrs/week); IS 340 Information Security (3 hrs/week); CJ 341 Cybercrime (3 hrs/week): Norwich University, Northfield, VT.
- 2001.07 Keynote speaker, *Network World Deutschland* Computer Sicherheit Konferenz – Munich: The State of INFOSEC (3 hr).
- 2001.06 Program chair and moderator, *Network World Security Events* — San Francisco, Los Angeles, Dallas; The State of INFOSEC (keynote speech, 1.5 hr)
- 2001.05 Program chair and moderator, *Network World Security Events* — Chicago, Toronto, Washington DC, New York City, Boston; The State of INFOSEC (keynote speech, 1.5 hr)

- 2001-03 INFOSEC Update 2001 (16 hr); and The Future of INFOSEC (1 hr), 3rd Annual e-ProtectIT Infrastructure Protection Conference, Norwich University, Northfield, VT.
- 2001.03 Resources for INFOSEC educators (30 min). Invited lecturer, Annual Meeting of the Federal Information Systems Security Educators' Association (FISSEA), Gaithersburg, MD.
- 2001.02 Computer crime review (4 hr). Invited lecturer, Cybercrime Summit, Washington DC. Organized by the American Society for Industrial Security (ASIS).
- 2000**
- 2000.11 Internet Content Filtering and Monitoring in Schools and Libraries (1 hr); also panelist (1 hr). Invited speaker, Schools & Technology: Policy Issues for the Millennium, Glens Falls, NY. Organized by the Science & Technology Law Center of Albany Law School, Education 21 and the WSWHE Board of Cooperative Educational Services.
- 2000.10 Information Security Year in Review: Computer Crime (1.5 hr). 23<sup>rd</sup> National Information Systems Security Conference, Baltimore, MD.
- 2000.06 Risk Management (1 hr). Invited speaker, Information Systems Security Association (ISSA) Northeast Chapter Annual Meeting, Boston MA.
- 2000.04 INFOSEC Update (2 days). MIS Training Institute, Orlando FL
- 2000.03 Resources for INFOSEC Educators (1 hr). Invited speaker, Federal Information Systems Security Educators' Association (FISSEA), Washington DC.
- 2000.03 Current Development in Cyber-Crime (1 hr). Invited speaker, NATO HQ, Brussels.
- 2000.03 INFOSEC Update (1 day); and Panel on Privacy in Europe (Chair, 1.5 hr). 9th Annual Conference of the European Institute for Computer Anti-virus Research (EICAR), Brussels.
- 2000.01 INFOSEC 101 (1 hr); Internal staff training, ICSA.net.
- 1999**
- 1999.11 Introduction to Information Warfare (1 hr). Invited speaker, Norwich University, Northfield VT.
- 1999.10 Overview of Computer Crime 1999 (90 min). NIST/NCSC 22nd National Information Systems Security Conference, Baltimore, MD.
- 1999.06 Fraud in Cyberspace (1 hr). Invited speaker, 58th Annual Congress of the Institute of Internal Auditors, Montréal, QC
- Anonymity and Pseudonymity in Cyberspace: Deindividuation, Incivility and Lawlessness Versus Freedom and Privacy (1 hr). IVR-99 -- World Congress on Philosophy of Law and Social Philosophy, Pace University, New York City -- June 24-30, 1999
- 1999.05 The State of the Security Market (1 hr). Netrex Security Symposium, Detroit, MI.
- Fraud in Cyberspace (1 hr). ICSA Internal Training, Teleconference for Carlisle, PA & Reston, VA HQ
- 1999.04 The State of Security (1 hr); and Risk Management (1 hr). GartnerGroup/ICSA E-Commerce Security Conference, New York City.
- 1999.03 Security News Update (2 hrs)— ICSA Internal Training, Carlisle, PA
- Information Warfare Principles & Cases (3 hr). Invited speaker, US Army War College, Carlisle, PA.
- 1999.02 Security News Update (2 hrs)— ICSA Internal Training, Reston VA.
- 1999.01 Teaching for Banque de la République d'Haïti, Port au Prince, Haiti (in French): An Introduction to INFOSEC for Bankers (3.5 hours); Contingency Planning for the Y2K Transition (1.5 days); INFOSEC Update (3 days)
- 1998**
- 1998.12 New employee training — Corporate Security (2 hr). ICSA HQ.
- 1998.11 King Log and King Stork: Mandatory Reporting of Information Security Incidents (1 hr); and Overview of Computer Crime in 1997-8 (3 hr). ICSA Corporate Forum, Tucson, AZ.
- 1998.11 Computer Crime and You. Invited speaker for lectures (45 min) to 5 grades (6, 7, 8, 10, 12) in the Solomon Schechter School, Millburn, NJ.
- 1998.10 Information Security Update (2 hr, with David Kennedy of ICSA). NIST/NCSC 21<sup>st</sup> National Information Systems Security Conference, Arlington, VA.
- 1998.09 Humanizing Cyberspace -- Keynote Address, Fall Perspectives Series — “Cyberwhat.lvc.edu” (1 hr); also US Cryptography Policy (Political Science class, 1 hr); Quality Assurance (Advanced Programming class, 1 hr); Ethical Decision-Making (Advanced Ethics class, 1 hr); Lebanon Valley College, Anneville, PA.
- 1998.09 Information Security Resources on the Web (1.5 hr), ICSA HQ staff lecture.
- 1998.08 Overview of Information Security (3 hr). Banque de la République d'Haïti, Port au Prince, Haïti.
- 1998.05 Data Communications: Principles and Applications (40 hr). John Abbott College Programmers' Course JPC 31), Ste-Anne de Bellevue, QC.
- Data Communications: Principles and Applications (40 hr). John Abbott College Programmers' Course JPC 32), Ste-Anne de Bellevue, QC.
- 1998.05 Teaching in Japan for ICSA
- Current Threats and Vulnerabilities (1 hr), NCSEC, Osaka, Japan.
- ICSA Web Certification Overview (8 hr), HUCOM, Tokyo, Japan.
- Current Threats and Vulnerabilities (1 hr), NCSEC, Tokyo, Japan.
- 1998.04 Recent Computer Crime Cases (1 hr). Information Security Conference, Oslo, Norway.
- The State of the Internet: Risks (1.5 hr). Gartner Group Internet and Electronic Commerce Conference, New York.
- Infowar and the ICSA (2 hr). Invited speaker, US Army War College, Carlisle, PA.

- The State of the Internet: Risks (1.5 hr). ICSA HQ staff lecture, Carlisle, PA.  
Web Certification Training (14 hr). NETREX, Arlington, VA.
- 1998.03 Anonymity and Pseudonymity on the Internet (1 hr). European Institute for Computer Anti-virus Research, Munich, Germany.
- 1998.02 Internet, Intranet and Extranet Security (3 hr). Invited speaker, Association de sécurité informatique de Montréal métropolitain, Montréal
- 1998.01 Medical Informatics Security (1 hr). Dartmouth Medical School, Hanover NH
- 1997**
- 1997.11 Internet Security (2 hr); National Managed Health Care Conference, Los Angeles, CA  
Protecting your reputation in cyberspace (2 hr); Lally School of Business, Rensselaer Polytechnic Institute, Troy, NY.  
Current Topics in Cyberspace Law (2 hr); Albany Law School, Albany, NY  
Internet Security (2 hr); American Society for Industrial Security and Special Library Association, Liberty Corner, NJ
- 1997.10 INFOSEC Update 97.10 (12 hr); NCSA Firewalls and Network Security Conference, San Jose, CA
- 1997.09 Computer Crimes of 1997 (4 hr); and InfoWar Case Studies (30 min); NCSA Seventh International Conference on Information Warfare, Arlington, VA.  
Hot Topics in Information Technology: Information Security, The Year 2000 Problem, Emerging Internet Vulnerabilities, and Ethical Decision-Making in High Technology (40 hr). John Abbott College Programmers' Course (JPC 30), Ste-Anne de Bellevue, QC.  
INFOSEC Review (45 min); RCMP Annual Informatics Conference, Montreal, QC
- 1997.08 INFOSEC Update 97.08 (16 hr); NCSA Electronic Commerce Conference, Arlington, VA  
Data Communications: Principles and Applications (40 hr). John Abbott College Programmers' Course (JPC 30), Ste-Anne de Bellevue, QC.
- 1997.06 Introduction to INFOSEC (7 hr); and Intro to Medical INFOSEC (7 hr). Pre-conference course; and Educating Upper Management about INFOSEC (45 min), plenary lecture; and Panel Chair, Global Standards in Medical Informatics (1 hr); NCSA Medical Informatics Security Conference, Arlington, VA.
- 1997.05 Introduction to INFOSEC (3.5 hr); and Industrial Espionage and Sabotage: The Year in Review (30 min). NCSA Sixth International Conference on Information Warfare, Brussels, Belgium.  
Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course (JPC 30), Ste-Anne de Bellevue, QC.
- 1997.04 Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course (JPC 29), Ste-Anne de Bellevue, QC.
- The Art of Technical Support (45 hr). Technical Support Program (TSP 9), John Abbott College, Ste-Anne de Bellevue, QC.  
INFOSEC Update 97 (16 hr). Pre-conference seminar, NCSA Firewalls, Web and Internet Security Conference, Washington DC.  
Hot Topics in Information Technology: Information Security, The Year 2000 Problem, Emerging Internet Vulnerabilities, and Ethical Decision-Making in High Technology (40 hr). John Abbott College Programmers' Course (JPC 29), Ste-Anne de Bellevue, QC.
- 1997.03 Data Communications: Principles and Applications (40 hr). John Abbott College Programmers' Course (JPC 29), Ste-Anne de Bellevue, QC.
- 1997.02 INFOSEC and InfoWar (30 min). Pointe Claire Rotary Club.  
Introduction to INFOSEC (6 hr). NCSA International Banking and Information Security Conference, New York.
- 1997.01 INFOSEC Update 97 (16 hr). Pre-conference seminar, NCSA International Virus Prevention Conference, Arlington, VA.  
The Art of Technical Support (45 hr). Network Administration Program (NAP-1), John Abbott College, Ste-Anne de Bellevue, QC.
- 1996**
- 1996.12 The Art of Technical Support (45 hr). Application Support Program (ASP-1), John Abbott College, Ste-Anne de Bellevue, QC.
- 1996.11 Panel Chair, Ethical Online Marketing; and Hiring and Firing Trusted Network Employees (1 hr). CyberRisk '96 Conference (NCSA), Arlington, VA.
- 1996.10 Panel Chair, Interdisciplinary Perspectives on INFOSEC: Mandatory Reporting. 19<sup>th</sup> National Information Systems Security Conference (NIST & NCSC), Baltimore, MD
- 1996.09 Hot Topics in Information Technology: Internet Commerce and Information Security (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
Protecting Your Corporate Image in Cyberspace (1 hr). NCSA Firewalls, Web and Internet Security '96, San Jose, CA. (1 hr)  
Anonymity in Cyberspace (1 hr). 18th International Privacy and Data Protection Conference, Ottawa. International Privacy Commissioners Association.
- 1996.08 Data Communications: Principles and Applications (40 hr); and  
Quality Assurance: An Introduction for Programmers (24hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1996.06 INFOSEC Update 96 (16 hr). Information warfare, computer crime update, commerce on the Internet, cryptography, CERT/CIAC alerts, firewall certification, psycho-social factors in security policy, security certification. NCSA & Institute for Government Informatics Professionals, Ottawa / Hull, QC.
- 1996.05 The Great Hacker Debate (1 hr). Panel discussion (moderator and speaker). CMP / Gartner Group / NCSA 2nd Annual Information Security Conference, Chicago.



- Defending Against the Internet (1.5 hr). Panel discussion (moderator and speaker). NCSA's 4th International Conference on Information Warfare, Brussels.
- 1996.04 The Art of Technical Support (45 hr). John Abbott College, Ste-Anne de Bellevue, QC.  
Hot Topics in Information Technology: Internet Commerce and Information Security (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
Computer Viruses: More than a Technical Issue. Moderator of Panel Discussion (90 min.) at NCSA International Virus Prevention Conference, Arlington, VA.
- 1996.03 Data Communications: Principles and Applications (32 hr); and  
Quality Assurance: An Introduction for Programmers (32hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
Ethics in Cyberspace. Seminar for Westmount High School Home and School Association (1 hr).
- 1996.02 INFOSEC: Mission, Threats and Vulnerabilities. On-line seminar for NCSA (20 working days).  
Sécurité informatique: Questions importantes (1 hr). Chambre de Commerce de Drummondville.
- 1996.01 Ethics in Cyberspace. Seminar for children (2 hr), UTT Schools of Montreal. Repeated for Home and School Association (2 hr).  
Information Warfare: News from the Front (1 hr). Society of Canadian Office Automation Professionals, Ottawa.
- 1995**
- 1995.12 Internet Security (1 hr). Electronic Commerce for Survival 95. Electronic Commerce Association and the Canadian Industry Steering Group. Ottawa.  
Ethics in Cyberspace. Seminar for children (2 hr), UTT Schools of Montreal.  
The Art of Technical Support (45 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1995.11 Psycho-Social Perspectives on Computer Crime (8 hr). Invited speaker, Allied Command Europe, Counterintelligence Activity (LATHE GAMBIT) Meeting, Garmisch, Germany.  
INFOSEC and InfoWar: A Report from the Front (2 hr). McGill Management Network, Montreal.
- 1995.09 Hackers: Amoral Sociopathic Scum or National Resource? Debate (1 hr), NCSA Third International Conference on Information Warfare, Crystal City, VA.  
Information Security for Programmers (8 hr) and Hot Topics in Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- T27 Information Technology Security (39 hr). The Institute for Government Informatics Professionals, Public Works and Government Services Canada, Hull, QC in conjunction with University of Ottawa.
- 1995.08 Human Factors in Computer Systems Management (8 hr). INTEREX, the International Association of HP Computer Users, Annual Conference, Toronto, ON.
- 1995.06 Security for Accountants (1.5 hr). Order of Professional Accountants of Quebec, Montreal, QC.
- 1995.05 Morality in Cyberspace: An Evening for Kids and Parents (3 hr). Congregation Dorshei Emet, Hampstead, QC.  
Computer Crime and Countermeasures. On-line seminar for NCSA (20 working days).
- 1995.04 Information Security and Ethics for Programmers (8 hr); and  
Strategic Applications of Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1995.03 Medical Information Security--An Overview (1 hr). American Association for Clinical Information Systems, Snowbird Resort, Utah.
- 1995.02 The Art of Technical Support (40 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.  
Disaster Recovery Planning in a Client/Server Environment (2 hr). Association for Systems Management, Montreal, QC.
- 1995.01 Second International Conference on Information Warfare. Program Chair and Convenor. NCSA, Montreal, QC.
- 1994**
- 1994.10 Totem and Taboo: Civility and Vandalism in Cyberspace (30 min) and  
Interdisciplinary Perspectives on INFOSEC: Bringing the Humanities into Cyberspace. Panel Discussion, 90 min. 17th National Computer Security Symposium, Baltimore, MD.  
Psycho-Social Factors in the Implementation of Information Security Policies (3.5 hr). Canadian Information Processing Society (CIPS) Annual Meeting, Edmonton, AB.
- 1994.09 Kerberos (1 hr). Montreal UNIFORM.  
Human Factors in Computer Systems Management (8 hr). INTEREX Annual Conference, Denver, CO.  
T27 Information Technology Security (39 hr). The Institute for Government Informatics Professionals, Public Works and Government Services Canada, Hull, QC in conjunction with University of Ottawa.
- 1994.08 Information Security for Programmers (8 hr) and  
Hot Topics in Information Technology (32 hr). John Abbott College Programmers' Course, Ste-Anne de Bellevue, QC.
- 1994.06 Comment vous assurer de la sécurité dans un environnement de client/serveur? (1 hr) Institute for International Research, Client-Server Computing Symposium, Montreal, QC.  
La sécurité des systèmes distribués (45 min). SAI Québec Seminar on Current Issues in Corporate Computing, Montreal, QC.
- 1994.05 Psycho-Social Factors in the Implementation of Information Security Policies (1 hr). U.S. Department of

- Energy Computer Security Training Conference, Denver, CO.
- Psycho-Social Factors in the Implementation of Information Security Policies (45 min). Sixth Annual Canadian Computer Security Symposium, Ottawa, ON.
- Lessons for Security from Social Psychology (1.5 hr). Ottawa Valley Regional HP Computer Users' Group, Ottawa, ON.
- 1994.04 People to People Computer Security Delegation to China: Overview of Computer Crime and Countermeasures (1 hr). Guangdong Province Bureau of Public Security, Guangzhou.
- Overview of Physical Security (45 min). Guangdong Province Bureau of Public Security, Guangzhou.
- Computer Crime Against Banking Institutions (30 min). Bank of China, Beijing.
- Physical Security and Access Controls for Computer Centres (1 hr). Bank of China, Beijing.
- Overview of Computer Crime and Countermeasures (1 hr). Ministry of Public Security, Beijing.
- 1994.03 Human Factors in Computer Systems Management (8 hr). Executive INTEREX Symposium, New Orleans, LA.
- Information Systems Security (24 hr). NCSA, Washington, DC.
- Psycho-Social Factors in the Implementation of Information Security Policies. NCSA Annual Conference, Washington, DC.
- 1994.02 Business Resumption Planning (8 hr); Medical Systems Security (8 hr). Information Systems Security (24 hr). NCSA, Washington, DC.
- Social Psychology and INFOSEC: Psycho-social factors in the implementation of information security policies. Keynote address, Federal Information Systems Security Educators' Association, Washington DC.
- 1993**
- 1993.12 Information Systems Security (24 hr). NCSA, Los Angeles, CA.
- Introductory Security Officer Training (8 hrs x 2). Dept Health and Human Services, Washington, DC.
- 1993.11 Management Skills for Computer Operations Managers (24 hr). McGill University Management Institute, Montreal.
- 1993.09 Social psychology and INFOSEC: Psychosocial factors in the implementation of information security policy (20 min). NIST/NCSC 16th National Computer Security Conference, Baltimore MD.
- The Elements of Management Style (3 hr). INTEREX '93, Annual Meeting of the International Association of HP Computer Users, San Francisco.
- Client/Server Security (1 hr). Association for Systems Management, Montreal.
- First International Conference on Information Warfare, Montreal, QC. (Program Chair and French Keynote speaker)
- 1993.06 Information Systems Security (24 hr). NCSA, Washington, DC.
- Talking to upper management about security (1 hr). NCSA InfoExpo Conference, Washington, DC.
- 1993.05 Information Systems Security (24 hr). NCSA, Boston MA; McGill Management Institute, Toronto, ON.
- Social Psychology for Managers (4.5 hr). McGill University Management Institute Corporate Counsel Management Program, Montreal, QC.
- 1993.04 Information Systems Security (24 hr). NCSA, Denver, CO.
- Computer Systems Management (24 hr). McGill Management Institute, Toronto, ON.
- Building your Information Security Program. Federal Office Systems Exposition, Washington, DC.
- 1993.03 Information Systems Security (24 hr). NCSA, Atlanta, GA.
- TurboIMAGE/3000 Performance Optimization (16 hr); Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue
- 1993.02 Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue, QC.
- Information Systems Security (24 hr). NCSA, San Francisco, CA.
- Chair, panel discussion: Vandals in Cyberspace; Moderator, round table discussion: Legal Issues: NCSA Anti-Virus West Conference, San Francisco.
- Information Security (1.5 hr). Help-Desk Institute, Ottawa.
- 1993.01 Information Systems Security (24 hr). NCSA, New York, NY.
- Executive Overview of Information Technology (16 hr). Montreal.
- 1992**
- 1992.12 Information Systems Security (24 hr). NCSA, Dallas, TX.
- 1992.11 Information Systems Security (24 hr). NCSA, Washington, DC.
- 1992.10 Securing your PC (1 hr). Rocky Mt ComputerCon, Denver.
- Network Security Panel (1.5 hr). Telecommunications Association of America. San Diego.
- Information Systems Security (24 hrs). NCSA, Los Angeles.
- Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue
- 1992.08 Data Center Management: Human Factors (3 hr); Corporate IS Resources (3 hr); Problem-Solving (1 hr). INTEREX Annual Meeting, New Orleans.
- 1992.07 TurboIMAGE/3000 Performance Optimization (16 hr). John Abbott College, Ste-Anne de Bellevue, QC
- 1992.06 Information Systems Security (24 hr). National Computer Security Association (NCSA) Virus Prevention Conference, Washington, DC.
- Sécurité informatique (24 hr). Montréal.
- Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue
- 1992.05 Human Factors in Data Centre Management (1.3 hr). Annual Meeting, Association for Systems Management, Montreal.
- 1992.04 TurboIMAGE/3000 Performance Optimization (16 hr); Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue
- Data Centre Management (24 hr). Ottawa/Hull.
- 1992.02 Effective Use of the HP3000 (24 hr) John Abbott College, Ste-Anne de Bellevue
- Human Factors in Data Centre Management: Social Psychology and Management (3 hr). OVRUG, Ottawa.
- 1992.01 Gestion du centre informatique (24 hr). Hewlett-Packard (Canada), Kirkland, QC

## 1991

- 1991.12 Human Factors in Data Centre Management: Insights from Research in Social Psychology (1hr). MTLRUG, Montréal.
- 1991.10 Gestion du centre informatique (24 hr); Sécurité informatique (24 hr) Hewlett-Packard (Canada), Kirkland  
HP3000 Fundamentals (16 hr);  
TurboIMAGE/3000 Fundamentals (8 hr). Montréal.
- 1991.09 TurboIMAGE/3000 Performance Optimization (16 hr); Data Communications (24 hr). John Abbott College, Ste-Anne de Bellevue
- 1991.08 Performance Analysis Methodology; Human Factors in Data Center Management; Information Security Management Issues; Information Security Technical Issues. 3-hr workshops at INTEREX Annual Meeting, San Diego, CA
- 1991.04 TurboIMAGE/3000 Performance Optimization (16 hr); Data Communications (16 hr). John Abbott College, Ste-Anne de Bellevue  
Information Security (16 hr)  
Hewlett-Packard (Canada), Kirkland
- 1991.03 Effective Use of the HP3000 (16 hr) John Abbott College, Ste Anne de Bellevue, QC.
- 1991.02 Information Security for Accountants (2 hr). Accountants' Study Group, Montréal.

## 1990

- 1990.12 Gestion du centre informatique (1 hr). QcRUG (Quebec City Regional HP3000 Users' Group), Quebec City.  
HP3000 Toolkit (1 hr). OVRUG (Ottawa Valley Regional HP3000 Users' Group) Ottawa.
- 1990.10 HP3000 Toolkit (8 hr);  
Effective Use of the HP3000 (16 hr) Montréal.
- 1990.09 TurboIMAGE Performance Optimization (16hr); John Abbott College, Ste-Anne.  
Security Issues for Law Firms (1 hr). Harris and Paulson Users' Group, Denver.
- 1990.08 TurboIMAGE Performance Optimization (2 hr); Performance Analysis Methodology and Case Studies (2 hr). INTEREX Annual Meeting, Boston.  
Effective Use of the HP3000 (16 hr);  
Data communications (16 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.07 HP3000 Toolkit (8 hr).  
John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.06 Data Center Operations Overview (1.5 hr). North Texas Regional HP3000 Users' Group.  
Effective Use of the HP3000 (16 hr);  
IMAGE/3000 Performance (8 hr). HP3000 Toolkit (8hr) Toronto.
- 1990.05 Human Factors in DP Management: The Operations Team (1 hr);  
Communications Channels (1 hr); INTERLINK  
International HP Users' Conference, Nice.  
Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). HP Computer Users' Association, Heathrow, England.
- 1990.04 Sécurité du HP3000 (16 hr);  
Performance IMAGE/3000 (8 hr);  
Gestion du centre HP3000 (16 hr);  
Coffre d'outils pour le HP3000 (8 hr); Montréal.

Data communications (16 hr). John Abbott College, Ste-Anne de Bellevue, QC.

- 1990.03 Data Centre Operations Management (3 hr). INTEREX Computing Management Symposium, Las Vegas.
- 1990.03 IMAGE/3000 Performance (40 hr);  
VPLUS/3000 (32 hr);  
Effective Use of the HP3000 (24 hr). John Abbott College, Ste-Anne de Bellevue, QC.
- 1990.02 HP3000 Fundamentals (24 hr);  
John Abbott College, Ste-Anne de Bellevue, QC.  
Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and  
EDP Security (16 hr). Toronto.

## 1989

- 1989.09 Flawed Feedback in Social Systems (2 hr): Round Table (Convenor and Moderator).  
INTEREX Annual Meeting, San Francisco.
- 1989.08 MPE-V Performance Fundamentals (1.5 hr);  
IMAGE and Performance Symposium  
Organized by M. B. Foster Associates, Ottawa.  
Effective Use of the HP3000 (16 hr); and  
Management Overview of HP3000 Performance (16 hr).  
Ottawa.
- 1989.06 Data Centre Operations Management (16 hr). Ottawa.  
Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and  
EDP Security (16 hr). Winnipeg.
- 1989.06 Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and EDP Security (16 hr). Toronto.
- Data Centre Operations Management (16 hr). Calgary.
- 1989.05 IMAGE/3000 Performance (8 hr); and  
EDP Security (16 hr). Calgary  
MPE/V Performance (32 hr). Montréal.  
Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and  
EDP Security (16 hr). Halifax.
- 1989.04 Data Centre Operations Management (16 hr);  
IMAGE/3000 Performance (8 hr); and  
EDP Security (16 hr). Montréal.
- 1989.03 Electronic Brainstorming (1 hr); and  
Laptop Computers--Portable Power (1 hr). INTEREX  
Computing Management Symposium, Nashville, TN
- 1989.03 MPE Overview (24 hr);  
IMAGE/3000 (80 hr);  
VPLUS/3000 (40 hr). John Abbott College.
- 1989.02 IMAGE/3000 Performance (8 hr);  
EDP Security (16 hr);  
Effective Use of MPE (20 hr). Ottawa.  
IMAGE/3000 Performance (8 hr). Québec
- 1989.01 MPE/V Performance (32 hr). Toronto.

## 1986-1988

- 1988.12 EDP Security (16 hr) and  
IMAGE Performance (8 hr). Montréal.
- 1988.11 EDP Security (16 hr) and  
IMAGE Performance (8 hr). Montréal.
- 1988.10 Sécurité informatique (16 hr). Québec City.
- 1988.08 MPE Overview (30 hr),  
IMAGE/3000 (80 hr) and

- VPLUS/3000 (40 hr), John Abbott College.
- 1988.07 Problem Solving in an HP3000 Shop (1 hr);  
HP3000 Operations and Performance (3 hr). Keynote  
speech to Mid-Atlantic Regional HP3000 Users' Group,  
Raleigh, North Carolina.
- 1988.06 Computer Power (7 hr). Montréal.  
IMAGE Fundamentals (1 hr), IMAGE Performance (2 hr),  
and  
IMSAM Performance and Design Implications (1 hr  
discussion). IMAGE and Performance Symposium, M. B.  
Foster Associates, Ottawa.
- 1988.06 Choosing and Working with Consultants (1 hr). Ottawa  
Valley Regional HP3000 Users' Group Meeting, Ottawa.  
L'informatique d'aujourd'hui (7 hr);  
Analyse et Optimisation de la Performance de MPE (32  
hr). Montréal.
- 1988.05 L'informatique d'aujourd'hui (7 hr), Montréal
- 1988.03 MPE Overview (30 hr), IMAGE/3000 (80 hr),  
VPLUS/3000 (40 hr). John Abbott College.  
Gestion du centre informatique HP3000
- 1986.04 The Human Factor in System Performance (1 hr). Ottawa  
Valley Regional HP3000 Users' Group.

### 1980-83

As one of 21 systems engineers at Hewlett-Packard Canada Ltd at Kirkland, QC, taught one third of all the HP3000 course sessions offered at the HPCL district office including OS internals, database design, database internals and performance, security, and operations management.

### 1970-80

Taught biology courses, applied statistics and computer programming at McGill University, Dartmouth College, Université Nationale du Rwanda, and Université de Moncton (see CV).

