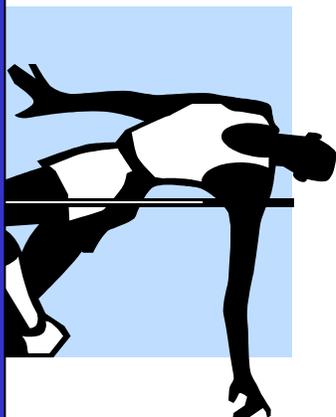




Winnipeg
Internal Auditors
PROGRESS THROUGH SHARING

November 2003



Raising the Bar!

In Security Management

November 3 to 7, 2003, Winnipeg, Manitoba, Canada

Radisson Hotel (Downtown)

It's not a matter of If..... It's a matter of When.

Hear From

Leaders - CGI, EWA Canada, ISF, ISMA, IST, NIST, Purdue University, Qunara, RedSiren, Securis and many others

Assess

And manage your security risks

Enhance

Your security program and security efforts

Benchmark

Your current security practices and initiatives

Protect

Your organization's informational assets

Learn

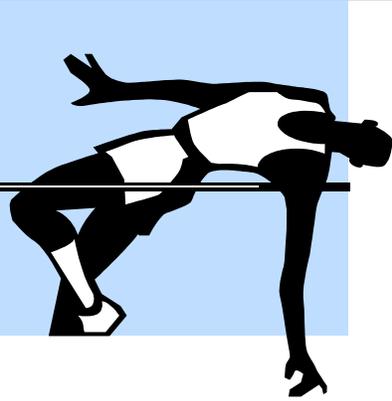
How to motivate!

A PROUD AND ACTIVE CHAPTER OF
THE INSTITUTE OF INTERNAL AUDITORS



Time waits for no one – Are you keeping up ?

Latest details are available on the web site at www.theiia.org/chapters/winnipeg



A Comprehensive 5 Day IIA Security Conference

Our “Fourth” Annual Conference !!!

Starting November 3rd, 2003 - Winnipeg, Manitoba

Building on the last several years of highly popular and well attended Security and Privacy events, the Winnipeg Internal Auditors will be delivering a five-day series of “leading edge” security events – starting on November 3rd, 2003.

This year’s comprehensive security conference features a host of senior and experienced Security Practitioners presenting on a wide variety of today’s hot topics.

CONFERENCE AGENDA

November 3rd: **“HACKERS WORKSHOP – Proactive Measures to Implement”** by Keith Olsen, a senior Instructor/Engineer of IST, Inc.

November 4th: **“Security Management - Best Practices and Lessons Learned”** with Hal Tipton, Will Ozier, Michael Hines, Keith Olsen and others.

November 5th: **“Security Management – More Best Practices and Lessons Learned (i.e. Day 2)”** with Bill Murray, Donn Parker, Jim Robbins, Peter Hillier, Michael Legary, and others.

November 6th and 7th: A 2-Day MIS Institute course entitled **“Securing and Auditing Today’s Networks”** by Ken Cutler, Vice President of MIS Institute.

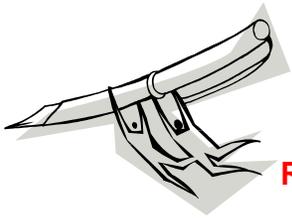
SPEAKERS

Our speakers include Bill Murray, Will Ozier, Jim Robbins, Hal Tipton and a host of other very senior Security Practitioners.

Hal Tipton (the editor of Handbook of Information Security Management) will be participating on both “end of day” panel discussions – on Tuesday and Wednesday.

Our Tuesday luncheon keynote speaker will be Jim Robbins. On Wednesday, Donn Parker will also deliver a luncheon keynote.

Plan to spend some time learning what experts recommend should be done to improve your organization’s security practices.



REGISTER EARLY TO AVOID DISAPPOINTMENT

OUR VENUE AT THE RADISSON HOTEL HAS A CAPACITY FOR THE TUESDAY & WEDNESDAY SESSIONS OF ~ 225 SEATS - (I.E. PLEASE REGISTER EARLY)

KEY CORPORATE SPONSOR

Manitoba Provincial Government

CONFERENCE SPONSORS

AuditNet
CGI Inc.
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Information Security Technology Inc
ISACA - The Winnipeg Chapter
Manitoba Hydro
QUNARA
TR-Labs/IRAP

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Canadian Federal Government
Center for Internet Security (CIS)
CIPS Winnipeg
Communications Security Establishment (CSE)
DRIE Central
Information Protection Association of Manitoba (IPAM)
ITAC
Red River College
Securis

CHECK OUT THE IIA CHAPTER’S WEB SITE FOR THE LATEST DETAILS

www.theiia.org/chapters/winnipeg

For more information on the Institute of Internal Auditors (IIA) - visit www.theiia.org

If you have any questions (contact)

Dave Sachvie, Conference Vice-Chair - dsachvie@deloitte.ca or (204) 944-3623

Roger Yost, Conference Vice-Chair – ryost@gov.mb.ca or (204) 945-3277

Monday, November 3rd

1 Day Hackers Workshop - Proactive Measures to Implement!

1 Day Hackers Workshop – “Proactive Measures to Implement”

By Keith Olsen, a Senior Instructor/Engineer of IST, Inc.

7:45–8:30am	Registration with Continental	Workshop Includes:
10:00–10:20am	Coffee break	<u>Morning Session</u>
11:45–1:15pm	Lunch provided	Security - What's needs to be done?
3:00–3:20pm	Refreshment break	<u>Afternoon Session</u>
4:15–4:30pm	End of day Q&A discussions	Hardening Systems and Other Measures
4:30–5:30pm	(Optional) further discussions	Q&A Session & Other Issues to Consider

Outline

This one day course will discuss the major components found in a well designed and security focused network infrastructure. It will begin with a discussion of the major issues affecting network and information security today. It will look at the major reasons security breaks down and will also look at what can be done to secure your resources. The workshop includes:

1. All right - let's "scare" you
2. The price of not being vigilant
3. Reasons that security breaks down
4. The Basic Principles of Information Security
5. Taking stock of your assets and liabilities
6. Elements of a Well Designed Security Infrastructure: (Including Live Demonstrations)
 - o A Security Policy
 - o Incident response plans
 - o Authentication
 - o Firewalls
 - o Intrusion Detection Systems
 - o Network Analysis
 - o Session Encryption
 - o Certificate Authorities
 - o AntiVirus
 - o Vulnerability Scanners
 - o Penetration Testing
 - o Auditing
7. Systems Hardening
8. Top Priorities - Vigilance is the key
9. Questions and Answer Session (i.e. An Open Discussion)

Instructor

Keith Olsen is the Senior Instructor/Engineer of IST, Inc., a Winnipeg based information security and training firm. Before joining IST, Keith has 16 years professional experience in the computer industry the last seven of which as a technical instructor for both PBSC (Winnipeg) and GP/SHL Learning Technologies. Keith is specialized in providing certified training in Netware (4.x & 5.x) Microsoft (NT 3.51, NT & 2000), Check Point Firewall(2000 and NG) and over the last 2.5 years teaching across Canada as a CIW certified instructor.

5:00-7:30pm

Workshop and Speaker Reception -- Sponsored by IST, EWA Canada, and the Winnipeg Internal Auditors

Tuesday, November 4th

Best Practices and Lessons Learned (Security Seminar)

7:45 - 8:30am **Registration** with a Continental Breakfast

8:30 - 8:40am **Introductions** by Dan Swanson, IIA International

8:40 – 9:40am **Better Security: Vendors and Users Both Doing Their Part** by Clint Kreitner, President and CEO for the Center for Internet Security (CIS) – Washington, D.C.

9:40 – 10:30am **Increasing Awareness to Improve Security** by Melissa Guenther – Phoenix, AZ.

10:30 - 10:45am **Coffee break**

10:45 - 11:30am **Information Compliance & Risk Management** by Karina Guy, QUNARA, Calgary

11:30 - 12:15pm **Achieving Security in a Perimeter-less Environment** by Michael Gerdes, Director of Research, RedSiren International Information Integrity Institute (I-4), Penfield, NY

12:15- 1:30pm **Lunch** - With a short luncheon talk by TBD.

(Five Multi-Track Sessions)

1:45 - 2:30pm 1-1 **Security Administration - Best Practices** by Michael Hines, Purdue University
1:45 - 2:30pm 1-2 **Security Standards - Benefits** by Clint Kreitner, CIS and Dr. Stu Katzke, NIST
1:45 - 2:30pm 1-3 **Recent and Upcoming CSE Initiatives** by Nancy Cheng, CSE, Ottawa, Ontario
1:45 - 2:30pm 1-4 **Incident Response - Is your Organization Ready?** by Guy Bruneau, IPSS

2:30 – 3:00pm **Refreshment break**

3:00 - 3:45pm 2-1 **Secure Computing (Assessments & by Design)** by Michael Legary, Securis
3:00 - 3:45pm 2-2 **Privacy Efforts in Europe - Lessons Learned** by Ulrich Hahn, Germany
3:00 - 3:45pm 2-3 **Critical Infrastructure Protection - Emerging Issues** by Will Ozier, Calif.
3:00 - 3:45pm 2-4 **Enterprise Security Management** by Derick Wong, IPSS, Ottawa, Ontario
3:00 - 3:45pm 2-5 **IT Security Self Assessment** by Linda Hunter, CIOB, GOC, Ottawa, Ontario

3:45 – 4:00pm **Short set up break**

4:00 – 5:00pm **Panel Discussion – What are the current priorities for security?** - Hal Tipton, with Dr. Stu Katzke, Michael Hines, Will Ozier, Michael Legary and Michael Gerdes.

5:00-7:30pm

Conference Reception -- Sponsored by QUNARA and the
Winnipeg Internal Auditors

Wednesday, November 5th

More Best Practices and Lessons Learned (Security Seminar)

7:45 - 8:30am **Registration** with a Continental Breakfast

8:30 - 8:40am **Introductions** by Dan Swanson, IIA International

8:40 – 9:40am **Security Management – What should be communicated to the Board?** by Bill Murray, executive consultant for **TruSecure Corporation** – California.

9:40 – 10:30am **Security Maturity Assessments** by Jim Robbins, President EWA-Canada – Ottawa, Ontario

10:30 - 10:45am **Coffee break**

10:45 - 11:30am **Risk Management - Leading Practices** by Simon RyCroft, Information Security Forum – London, England

11:30 - 12:15am **Auditable Security Controls Of Best In Class Security and IT** by Gene Kim, CTO and co-founder of **TripWire**

12:15- 1:30pm **Lunch** - With a short luncheon talk entitled “**Why Surprise Audits and Security Unpredictability are so Important**” by Donn Parker, retired – California.

1:30 - 2:20pm **Improving Your Cybercrime Incident Response Management Capabilities** by Peter Hillier, CGI – Ottawa, Ontario

2:20 - 3:10pm **Emerging Issues in the 21st Century and NIST’s role in ensuring Effective Security** by Dr. Stu Katzke, a senior IT security researcher with NIST – Washington, D.C.

3:10 – 3:30pm **Refreshment break**

3:30 – 4:10pm **Automated Crime in Our Future** - by Donn Parker, retired – California.

4:15 – 5:00pm **Panel Discussion – Where do we go from here?** -- Carolee Birchall (moderator) Bill Murray, Melissa Guenther, Jim Robbins, Peter Hillier, Hal Tipton, Nancy Cheng.

5:00-7:30pm

Best Practice Reception -- Sponsored by CGI-Ottawa and the Winnipeg Internal Auditors

Thursday and Friday, November 6 and 7th *Securing and Auditing Today's Networks* by Ken Cutler, Managing Director M I S Institute

7:45–8:30am	Registration with Continental breakfast
10:00–10:20am	Coffee break
11:45–1:15pm	Lunch provided
3:00–3:20pm	Refreshment break
4:15–4:30pm	End of day Q&A discussions
4:30–5:30pm	(Optional) Further discussions



Seminar Topics Include:

1. Defining the Distributed Information Technology Environment
2. Performing a Network Security Risk Analysis
3. Server Security
4. Workstation and Client Security
5. Network Perimeter Security
6. Authentication and Encryption

Securing & Auditing Today's Networks

In this two-day seminar you will review the key components of LANs, WANs, client/server and other forms of distributed computing architectures. You will survey the security and audit features of leading LAN operating systems, remote access methods, and add-on security products. You will also map the use of security features to security policy requirements to determine the topics that must be addressed in developing security administration standards, procedures and self-assessment plans.

You will receive *The Network Security Software Sampler*, a network security review checklist, sample network security guidelines and checklists, and a comparison matrix of security features in major Unix and non-Unix LAN operating systems. You will also receive the *Standard Edition of the ISI Swiss Army Knife*.

Leading practices & techniques will be provided for:

- Defining the Distributed Information Technology Environment;
- Performing a Network Security Risk Analysis;
- Server Security;
- Workstation/Client Security;
- Network Perimeter Security; and
- Authentication and Encryption.

Ken Cutler, CISSP, CISA - Managing Director for MIS Training Institute

Ken Cutler is the Vice President of MIS Training Institute's Seminar Division, and Vice President of Information Security Institute (ISI), the security division of MIS Training Institute. Previously, Mr. Cutler headed up company-wide information security programs for American Express Travel Related Services and Martin Marietta Data Systems. His responsibilities at these major corporations included developing security policies and standards, creating awareness programs, conducting security risk assessments, and guiding security technology selection on a worldwide basis.

An internationally recognized expert in the security and audit fields, Mr. Cutler is the primary author of the widely acclaimed Commercial International Security Requirements (CISR), which offers a commercial alternative to military security standards for system design. Mr. Cutler has also been an active participant in government and industry security standards initiatives, including the President's Commission on Critical Infrastructure Protection, Generally Accepted System Security Principles (GASSP), and Information Technology Security Evaluation Criteria (ITSEC). He is currently serving as an Advisory Member of the ISSA Board of Directors.

Tuesday, November 4th

An Alternative Session - (I.e. the Auditor's Briefing)

- 7:45 - 8:30am **Registration** with a Continental Breakfast
- 8:30 - 8:40am **Introductions** by Stewart Bidinosti, City of Winnipeg
- 8:40 – 9:40 **Governance Concepts for Diverse Economies - How Global can our Models be?** by Ulrich Hahn, President ECIIA (European Confederation of Institutes of Internal Auditing) – Germany
- 9:40 – 10:20 **IT Risk Management- Best Practices and Lessons Learned at BMO Financial Group** by Carolee Birchall, VP and Senior Risk Officer at BMO Financial Group, Technology and Solutions, Toronto, Ontario
- 10:20 - 10:45 **Coffee break**
- 10:45 – 11:45 **Open Source Audit Programs** by Michael Hines, Purdue University
- 11:45 - 1:30 **Lunch** – with a brief luncheon talk entitled “**The Benefit to Auditors of User Standards Monitoring Tools**” by Clint Kreitner, President and CEO, Center for Internet Security (CIS) –Washington, D.C.
- (and) with a second talk entitled “**Increasing Awareness to Improve Security**” by Mellissa Guenther – Phoenix, AZ
- 1:30 – 2:20 **Security Management Maturity Assessments** by Jim Robbins, President EWA-Canada – Ottawa, Ontario
- 2:20 – 3:00 **The Role of Ethics in Effective Security** by Peter Hillier, CGI-Ottawa – Ottawa, Ontario
- 3:00 - 3:30 **Refreshment break**
- 3:30 - 4:10 **Why Surprise Audits and Security Unpredictability are so Important** by Donn Parker, retired – California
- 4:10 - 4:40 **An Open Discussion – i.e. a Q & A session with our Panel**
- Carolee Birchall moderating with Donn Parker, Nancy Cheng, Jim Robbins, Ulrich Hahn, & Peter Hellier participating.
- 4:40 – 5:00 **Optional -- End of Day “off line” discussions with our speakers**

5:00-7:30pm

Conference Reception -- Sponsored by QUNARA and the
Winnipeg Internal Auditors

Bill Murray



Bill Murray is an executive consultant for **TruSecure Corporation** and a Senior Lecturer at the **Naval Postgraduate School**. He is a **Certified Information Security Professional (CISSP)** and serves as Secretary of **(ISC)²**, the certifying body. Bill is an advisor on the Board of Directors of the **New York Metropolitan Chapter of ISSA**. Bill has more than fifty years experience in information technology and more than thirty years in security. During more than twenty-five years with IBM his management responsibilities included development of access control programs, advising IBM customers on security, and the articulation of the IBM security product plan. He is the author of the IBM publication **Information System Security Controls and Procedures**.

Mr. Murray has made significant contributions to the literature and the practice of information security. He is a popular speaker on such topics as network security architecture, encryption, PKI, and Secure Electronic Commerce. He is a founding member of the International Committee to Establish the "Generally Accepted System Security Principles" (GSSP, now referred to as the GISSP) as called for in the National Research Council's Report: **Computers at Risk**. Bill remains as an active member of this committee.

He is a founder and board member of the **Colloquium on Information System Security Education (CISSE)**. He has been recognized as a founder of the systems audit field and by Information Security Magazine as a Pioneer in Computer Security. In 1987 he received the **Fitzgerald Memorial Award** for leadership in data security. In 1989 he received the Joseph J. **Wasserman Award** for contributions to security, audit and control. In 1995 he received a Lifetime Achievement Award from the **Computer Security Institute**. In 1999 he was enrolled in the **ISSA Hall of Fame** in recognition of his outstanding contribution to the information security community. He holds a Bachelor of Science Degree in Business Administration from Louisiana State University.

Linda Hunter

Linda Hunter works in the Infrastructure, Architecture and Security Division in the Chief Information Officer Branch of Treasury Board Secretariat in the Government of Canada. Linda has been involved with IT Security Standards for the past ten months, developing the process for the development, approval and implementation of IT Security standards and baseline security requirements as well as initiating the development of an IT Security Self-Assessment methodology and tool for use across all GoC departments and agencies.

Linda's background includes 20 years in the IM/IT world, including eight years in IT Security in federal departments; her work has covered application development, project management, standards development and quality assurance. Linda has also served for a number of years as a Trustee on the former Ottawa Board of Education, including roles as Chair of the Management/Finance Committee and Chair of the Board; more recently, she has been a Board Member for the St. Stephen's Residence and chaired the Children and Youth at Risk Advisory Committee.

Clint Kreitner

Clint Kreitner is currently the President and CEO of The Center for Internet Security. Clint has served in the U.S. Navy as Director of Computer-Aided Ship Design at the Bureau of Ship and Design at the Pearl Harbor Naval Shipyard. For the past 30 years Mr. Kreitner has been President and CEO of two information technology companies, ROH, Inc. and American Information Systems, Inc (1971-89) and a number of hospitals.

Donn B. Parker, CISSP

Donn B. Parker is a retired emeritus senior consultant at AtomicTangerine, a spin-off from SRI International. He has spent 30 of his 50 years of work in the computer field at SRI engaged in research, consulting, writing, and lecturing world wide on computer crime and information security. Donn's sixth and most recent book, published by John Wiley & Sons in 1998 is called, "Fighting Computer Crime, a New Framework for Protecting Information."

Donn has appeared on 60 Minutes, 20/20, and many TV news programs worldwide. People, Fortune, Time, Newsweek, and other magazines have profiled him and his work. He is frequently quoted in many news articles. Donn was born and raised in San Jose, California and educated at the University of California in Berkeley.

James A. Robbins (Jim)

Jim Robbins is the President of EWA-Canada. As President he oversees the operation of four key IT Service areas of EWA-Canada: the Canadian Computer Emergency Response Team (CanCERT); an internationally recognized IT security product evaluation facility; managed CA services (PKI CA and IDS monitoring); and the provision of system security engineering consulting services to various government and commercial clients. Jim has also served as a facilitator in support of the National CIO Subcommittee on Information Protection and is working with various federal, provincial government and commercial organizations to establish Information Protection Centres across the country.

Michael Hines, CIA, CISA, CFE, CDP

Michael Hines is an OS/390 Systems Programmer with Purdue University's Information Technology Department. Previously, he was Coordinator of Systems and Programming for the Schools of Engineering at Purdue University. Prior to that, he had fifteen years of experience as the Senior Information Systems Auditor for the Purdue University System (four campuses in northern Indiana). He also has eight years of university experience in administrative computing systems development and management, and two years as the systems coordinator in the financial aid department. Hines earned a Bachelor of Science in Engineering and a Master of Science in Computer Science from Purdue University.

Hines holds professional certifications as a Certified Data Processor (CDP), Certified Information Systems Auditor (CISA), Certified Internal Auditor (CIA), and Certified Fraud Examiner (CFE). Hines is mailing-list owner of the Central Indiana Information Systems Audit and Control Association (CISACA-L); he was Chairperson of the Information and Technology Committee for ACUA from October 1994 until January 1998, where he oversaw the ACUA Web page development, and monitored the ACUA mailing lists.

Hines serves on the International Advanced Technology Committee of The Institute of Internal Auditors, and has served as Liaison to the American Bar Association-Information Security Committee on behalf of The IIA. He is also on the Board of Directors for the Central Indiana Information Systems Audit and Control Association.

Simon Rycroft

Simon Rycroft is a Project Manager with the Information Security Forum (ISF), responsible for promoting and encouraging use of the ISF's services and products throughout the association's 260 Member organizations.

Simon has worked with the ISF for eight years, playing a key role in the development of its best practice guides and methodologies. In addition to conducting training and providing specialist advice in use of the ISF's assessment tools, Simon often facilitates ISF events, allowing security managers to share information about current challenges and initiatives, thereby distilling best practice from their common experiences.

Supported by the Information Protection Association of Manitoba (IPAM)

The mission of IPAM is to educate and expand the knowledge and skills of its members in the field of information security and to encourage and foster the free exchange of information, techniques, and best security practices. IPAM offers a forum that allows members to discuss security related issues or topics and to gain knowledge through the experience of others. In addition IPAM facilitates knowledge through presentations by leading technology providers in the field of Information Security with the intent of keeping

members abreast of current trends in Information Security. **WWW.IPAM.MB.CA**

Carolee Birchall

Carolee Birchall is Vice-President and Senior Risk Officer, Technology and Solutions, with BMO Financial Group. In this role, Carolee oversees the governance functions for Operations and Technology, including Business Continuity Management and Outsourcing, for which Technology and Solutions has enterprise responsibility. Within T&S, she is also the Compliance Officer for Regulatory Compliance and is responsible to ensure the existence of a comprehensive governance framework that is consistent with industry best practices, and which is supported by effective risk management practices for all major IT operations risks.

Carolee's experience in the Bank spans several areas. She joined the bank as a Corporate Account Manager responsible for lending to a portfolio of corporate accounts in the oil and gas sector in the mid 1980s. After five years in corporate lending, she assumed the role of Senior Manager, Corporate Electronic Banking and headed a team responsible for sales and service of electronic banking and technology services to corporate clients in the Prairie provinces. She joined the executive ranks in the Bank in 1996, and until her move to T&S in 2001, was Vice-President and Assistant Chief Auditor, Operations in the Corporate Audit Division. Prior to joining the Bank, Carolee was involved in securities underwriting with a major Canadian investment dealer. She has an MBA (Finance) from the University of Calgary and two undergrad degrees from the University of Toronto.

Keith Olsen

Keith Olsen is the Senior Instructor/Engineer of IST, Inc., a Winnipeg based information security and training firm. IST, Inc is the Canadian cousin to Intersec Communications, Inc a 10 member security services and training organization based in Minneapolis Minnesota. Before joining IST, Keith has 16 years professional experience in the computer industry the last seven of which as a technical instructor for both PBSC (Winnipeg) and GP/SHL Learning Technologies. Keith is specialized in providing certified training in Netware (4.x & 5.x) Microsoft (NT 3.51, NT & 2000) and over the last 2.5 years teaching across Canada as a CIW certified instructor specializing in the Prosoft's security professional track. Keith was the first CIW instructor certified to teach the security track in Canada.

Karina Guy, MAS, Senior Consultant & Practice Manager, Calgary

Karina Guy has a broad-based skill set that allows her to effectively support several practice areas, including Content and Information Management, IT Security & Risk Management and Privacy. Karina specializes in the creation of information management program elements and selection of document technology. She has experience conducting privacy impact assessments, privacy & IM compliance audits and developing compliance plans.

Peter Hillier

Peter is a Senior Consultant with CGI Information Systems & Management Consultants in Ottawa. A member of CGI Ottawa's seventy-five-person Information Security Centre of Expertise (COE), the largest Information Security services company in Canada. He is currently assigned as the Business Development Lead for CGI Managed Security Services, which include a myriad of traditional Managed Security Service offerings including, professional services, Intrusion Detection and Firewall Deployment and Operations, Anti-Virus, Content Filtering, Authentication and Technology Threat and Vulnerability Monitoring and Reporting. A Certified Information Systems Security Professional, Peter is also the founder and current President of the Ottawa Chapter of the High Technology Crime Investigation Association.

Gene Kim

Gene is the CTO and co-founder of Tripwire, Inc. In 1992, he co-authored Tripwire while at Purdue University with Dr. Gene Spafford. Although Gene Kim is widely published on computer security, operating systems and networking in SANS, Usenet, ACM and IEEE publications, he is continually fixated on the problems of process integrity issues in Operations and Security. He is currently actively working on a series of projects with the Software Engineering Institute and Institute of Internal Auditors to capture how "best in class" organizations have Security, Operations, Audit, Management, and Governance working together to solve common objectives.

Gene holds an M.S. in computer science from University of Arizona and a B.S. in computer sciences from Purdue University. Most recently, Gene was co-chair of the April 2003 SANS technical workshop called Auditable Security Controls That Work, recently hailed by SANS as one of their top five gifts back to the community and one of their top initiatives for 2003.

Hal Tipton

Hal Tipton, currently an independent consultant and Past-President (co-founder) of the International Information System Security Certification Consortium, was the Director of Information Security for Rockwell International Corporation for about 15 years. He has been a co-founder and member of the Information Systems Security Association (ISSA) since 1982, was President of the Los Angeles Chapter in 1984, and President of the national organization of ISSA (1987-1989). Hal has been a speaker at the major information security conferences including: Computer Security Institute, the ISSA Annual Working Conference, the Computer Security Workshop, AIS Security for Space Operations, DOE Computer Security Conference, National Computer Security Conference, ISACA, Health Sec, Web Sec, InfoSec World, and Industrial Security Awareness Conference.

He is currently serving as Editor of the Auerbach "Data Security Management" and "Handbook of Information Security" publications. He received the Computer Security Institute "Lifetime Achievement Award" in 1994, the ISSA "Fitzgerald Award" in 1999, the ISSA "Hall of Fame Award" in 2000, and placed on the "ISSA Honor Role" in 2000. He was the first recipient in 2001 of the "Hal Tipton Award" presented by (ISC)² for the CISSP who has demonstrated sustained excellence during a career in information security.

Will Ozier

Will Ozier is President and founder (1984) of OPA, Inc. - The Integrated Risk Management Group (OPA), is an expert in risk assessment and contingency planning, with broad experience consulting to Fortune 500 companies and government agencies at all levels. He chairs the International Information Security Foundation's (I²SF) Committee to develop Generally Accepted System Security Principles (GASSP) per Recommendation #1 of the National Research Council's report, "Computers at Risk" (12/90). He consulted to the President's Commission on Critical Infrastructure Protection (PCCIP) in 1997. Most recently, Mr. Ozier was Principal Author in writing the "Information Security Management and Assurance: A Guide for Directors and Executives" introduced at the White House April 18, 2000, by The Institute of Internal Auditors under contract to the federal Critical Infrastructure Assurance Office.

Derick Wong, CISSP, CA

Derick serves as the CEO of IPSS-InfoPeople Security Solutions Inc. (IPSS) where he is responsible for the operations and strategic direction of IPSS. Derick has over 11 years experience in the Security Industry and has been an expert guest on many television and radio programs as well as the keynote speaker for many Information Security Conferences throughout North America. Derick specializes in security assessments, security architecture, and security event analysis. He is also a specialist in Intrusion Detection & Response systems and procedures.

Guy Bruneau, B.A., CD, GSEC, GCIA, GCUX

Guy is a Senior Security Consultant with InfoPeople Security Solutions (IPSS) Inc. in Ottawa, Ontario. His focus is on network security reviews, penetration testing as well as the integration of Enterprise Security Management (ESM) solutions in Security Operation Center (SOC) to provide improved Intrusion Detection Management. Guy has a B.A. (IT) from University of Quebec and hold the GSEC, GCIA, GCUX and is a Sun Certified System Administrator. He has been a SANS instructor and speaker; and he is the author of the IDIC course "Introduction to Logfile Analysis". He is an Authorized SANS UNIX Security Grader (GCUX) and is presently serving as the Chair of the SANS GIAC Certified Intrusion Analyst Advisory Board. In his spare time, he has worked as a Technical Reviewer for the SANS Institute.

Supported by the Information Security Forum (ISF) and the Center for Internet Security (CIS)

Bringing together the knowledge and experience of the world's leading organizations, the **Information Security Forum** is dedicated to meeting the ever-increasing demand for business-based solutions to information security problems, and to using its influence to further developments in the field.

The **Center for Internet Security** mission is to help organizations around the world effectively manage the risks related to information security. CIS provides methods and tools to improve, measure, monitor, and compare the security status of your Internet-connected systems and appliances, plus those of your business partners.

Check out their Web Sites re their efforts to strengthen information security practices on a "world-wide" basis.

www.cisecurity.org -- and -- www.securityforum.org

Dr. Stuart Katzke

Dr. Katzke began his second career at NIST as a Senior Research Scientist in July 2001. As a technical advisor to the Computer Security Division (CSD), his specific areas of interest include: certification and accreditation, the National Information Assurance Partnership (NIAP), the Common Criteria and related activities, and the establishment of government-industry partnerships for the purpose of improving the security of COTS IT products and industry-sector applications and systems. In January 1999, Dr. Katzke joined NSA as Chief Scientist of the Information Assurance Solutions Group, where he was involved in Common Criteria mutual recognition agreements, the NIAP, Open Source Software Security, IT Security Best Practices, and Critical Infrastructure Protection.

Prior to joining NSA, Dr. Katzke was Chief of the Computer Security Division (CSD) at the National Institute of Standards and Technology (NIST). As Chief of the CSD, he was responsible for directing laboratory-based computer security research and for the development of Federal Information Processing Standards and Guidelines in computer and telecommunications security. Two personal accomplishments he is particularly proud of are: the initiation of and participation in the Common Criteria Project, and the conception and development of NIAP. He has authored and co-authored numerous publications, and has participated in the preparation and delivery of Congressional testimony. In 1987, Dr. Katzke received the Department of Commerce's Silver Medal Award for his contribution to the Institute's Computer Security Program. He holds a Ph.D. in Computer Science from Case-Western Reserve University, and a MS and BS in Mathematics.

Nancy Cheng, FCA

Mrs. Nancy Cheng is the Associate Deputy Chief for Information Technology Security (ITS) at Communications Security Establishment (CSE). She is responsible for setting the strategic direction of ITS business lines, based on priorities and long-term needs of the Government of Canada. Prior to joining the CSE, Mrs. Cheng was a senior Principal at the Office of the Auditor General (OAG). She was responsible for value-for-money audits on the use of information technology across the federal government. In addition, she and her team provided functional support to other OAG auditors on matters relating to information technology and on using IT in auditing.

During her tenure with the OAG, she has been involved in financial audits of the summary financial statements for the Government of Canada and attest audits of other government entities such as the Canada Pension Plan and the Employment Insurance Account. She has also led many value-for-money audits and has appeared with the Auditor General as a witness before the House committee on Public Accounts, the Standing Committee on Industry, the Standing Committee on Finance, the Standing Committee of Human Resources Development and the Senate Committee on Social Affairs.

Mrs. Cheng served five years as a member of Council of the Institute of Chartered Accountants of Ontario and ten years as a member of the Executive Committee of the Ottawa Chartered Accountants Association. While on Council, she served one year as Treasurer of the Institute and chaired its Finance Committee. She also served six years on the Board of Directors of the EDP Auditors' Association (now Information System Audit and Control Association) in Ottawa, the last two years as Treasurer. She lectured at Algonquin College and taught the Auditing I and Auditing II courses at the University of Ottawa as a part-time professor.

Prior to joining the Office of the Auditor General, Nancy was a Computer Auditor Manager at Clarkson Gordon (now Ernst and Young), where she articulated and qualified as a Chartered Accountant (CA). In March 2000, Nancy was elected a fellow CA (FCA) by the Institute of Chartered Accountants of Ontario.

Michael Legary, CISSP, GCIH, CNE, MCSE, CCNA

Michael Legary is a Principal at Securix Inc., providing managed security services, information security consulting, and investigation services to a range of North American clients. He specializes in incident handling, intrusion detection, security assessments, and investigations. Born and raised on enterprise networks, Michael has worked for such companies as EDS, the Province of Manitoba's Department of Finance, and most recently for the Province of Manitoba's Information Protection Center (IPC). Michael is a member of the Working Group for the Information Protection Association of Manitoba (IPAM) and an active member of the Winnipeg Information Security community.

Dr. Ulrich Hahn, CISA, CIA

Ulrich joined a Big Five firm after receiving an Industrial Engineering (Telecommunications) degree from the Technical University of Darmstadt, working in the areas of consulting and assurance. He progressed to the internal audit of a major banking data center and later joined a Big Five IS auditing practice. He was subsequently employed in corporate audit management functions of major global companies.

Ulrich holds a Ph.D. on international data privacy law and is CISA as well as CIA (W.S. Smith Gold Medal award) and has been ISACA Germany Vice President and is currently ECIIA President, IIA Germany Board and IIA International Advanced Technology Committee member, former CISA exam reviewer/trainer, CIA trainer as well as writer and speaker on IS and general audit issues.

Michael Gerdes, CISSP

Michael Gerdes is the research director of RedSiren's International Information Integrity Institute (I4). He has more than 13 years experience in distributed information systems and security, with an additional seven years of experience in telecommunications, premise distribution systems wiring and global data communications.

Michael has internationally recognized expertise in the fields of information security, information risk management and crisis management in electronic businesses. His professional interests include sustainable risk management models, achieving security in a perimeter-less environment and security metrics.

Ms. Melissa Guenther

Ms. Melissa Guenther has worked in a consulting capacity on a wide range of Utility and Energy Company related assignments. Her experience has been to assist Executive Teams in creating blueprints and designing interventions for change, primarily in the Security Awareness area. She brings over 20 years of culture Change Management and Training experience, providing a strong base for proven results. Over the past 5 years, Ms. Guenther has been specializing in Security Awareness interventions for companies that are impacted by strict regulatory requirements, such as the Gramm-Leach Act, FERC, and others, and that understand the importance of justifying security investments with business metrics, not fear.

She has been a presenter at various security conferences, such as SANS, CSI, and the Arizona Chapter of High Technology Crime Investigation Association (ACHICIA). Ms. Guenther's work helps shift the perception and results of Security in the following areas: 1) Security simply used to protect information to enabling business initiatives with security; 2) Bolt-on/add-on structure to business process to integrating security and controls into daily business processes; and 3) Security Solutions and Technology used to supplement core infrastructure to leveraging security technical solutions to enhance core infrastructure.

Ken Cutler, CISSP, CISA - Managing Director for MIS Training Institute

Ken Cutler is the Vice President of MIS Training Institute's Seminar Division, and Vice President of Information Security Institute (ISI), the security division of MIS Training Institute. Previously, Mr. Cutler headed up company-wide information security programs for American Express Travel Related Services and Martin Marietta Data Systems. His responsibilities at these major corporations included developing security policies and standards, creating awareness programs, conducting security risk assessments, and guiding security technology selection on a worldwide basis.

An internationally recognized expert in the security and audit fields, Mr. Cutler is the primary author of the widely acclaimed Commercial International Security Requirements (CISR), which offers a commercial alternative to military security standards for system design. Mr. Cutler has also been an active participant in government and industry security standards initiatives, including the President's Commission on Critical Infrastructure Protection, Generally Accepted System Security Principles (GASSP), and Information Technology Security Evaluation Criteria (ITSEC). He is currently serving as an Advisory Member of the ISSA Board of Directors.

