About the Contributors

Thomas J. Holt is an Assistant Professor at Michigan State University in the Department of Criminal Justice. Previously, he was at the University of North Carolina at Charlotte. He has a doctorate in criminology and criminal justice from the University of Missouri—Saint Louis. His research focuses on computer crime, cyber crime, and the role that technology and the Internet play in facilitating all manner of crime and deviance. Dr. Holt has authored several papers on the topics of hacking, cyber crime, and deviance that have appeared in journals such as Deviant Behavior and the International Journal of Comparative and Applied Criminal Justice. He is also a member of the editorial board of the International Journal of Cyber Criminology.

Bernadette H. Schell, the founding dean of the Faculty of Business and Information Technology at the University of Ontario Institute of Technology in Canada, is currently the President’ Advisor on Cybercrime. She has authored four books on the topic of hacking: The Hacking of America: Who’s Doing It, Why, and How (2002); Contemporary World Issues: Cybercrime (2004); Webster’s New World Hacker Dictionary (2006); and Contemporary World Issues: The Internet and Society (2007). She has also written numerous journal articles on topics related to violence in society and is the author of three books dealing with stress-coping in the workplace (1997), the stress and emotional dysfunction of corporate leaders (1999), and stalking, harassment, and murder in the workplace (2000).

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Michael Bachmann is Assistant Professor of Criminal Justice at Texas Christian University. He received his Ph.D. in Sociology from the University of Central Florida in 2008 and his M.A. in Social Sciences from University of Mannheim, Germany in 2004. Dr. Bachmann specializes in the investigation of computer and high tech crimes. His research focuses primarily on the social dimensions behind technology-driven crimes. He is the author of several book chapters and journal articles on cyber-crime and cyber-criminals.

Adam M. Bossler is an Assistant Professor of Justice Studies at Georgia Southern University. He received his Ph.D. in criminology and criminal justice from the University of Missouri - St. Louis. His research interests include testing criminological theories that have received little empirical testing, examining the application of traditional criminological theories to cybercrime offending and victimization, exploring law enforcement readiness for cybercrime, and evaluating policies and programs aimed at reducing youth violence.
Jacob Brodsky has a background of over 23 years of experience working on just about every aspect of SCADA and industrial control systems, including assembly language firmware coding, ladder logic programming, systems programming for many platforms and languages, and has a significant telecommunications background including FDM and Digital Microwave radio engineering, component level repair of radio equipment, radio path engineering, WAN and LAN design. He has written SCADA protocol drivers, and re-engineered process instrumentation and control problems. As a register, as well as a graduate from The Johns Hopkins University in 1990 with a Bachelor’s Degree in Electrical Engineering, Jake’s education has given him clear insight and fundamental and vast knowledge on the development and implementation of industrial control systems in the field. Mr. Brodsky is a voting member of the DNP3 Technical Committee, a contributing member of ISA-99, and a member of the American Water-Works Association.

George W. Burruss is an Assistant Professor in the Center for the Study of Crime, Delinquency & Corrections at Southern Illinois University at Carbondale. He received his Ph.D. in criminology and criminal justice from the University of Missouri – St. Louis. He does research on criminal justice organizations, including juvenile courts and the police. He has published articles in Justice Quarterly, Policing, and Journal of Criminal Justice.

Dorothy E. Denning (PhD) is Distinguished Professor of Defense Analysis at the Naval Postgraduate School, where her current research and teaching encompasses the areas of conflict and cyberspace; trust, influence and networks; terrorism and crime; and information operations and security. She is author of Information Warfare and Security and has previously worked at Georgetown University, Digital Equipment Corporation, SRI International, and Purdue University.

Rafael Etges is the Director for Risk Management Practices for TELUS Security Labs, Canada, and Program Director for Governance, Risk and Compliance at TELUS Security Solutions. Rafael brings 15 years of consulting experience at major consulting groups in South and North America. Rafael has extensive experience in corporate and IT governance, IT security policy development, IT security program management, and auditing. He is a subject matter expert on several security control frameworks (ISO 17799/27001, CobiT, COSO, ITIL, PCI-DSS) and regulations (Sarbanes Oxley, Bill 198, PIPEDA, and international privacy laws).

Alessandra Garbagnati is a law student at the University of California, Hastings College of Law. Her area of specialization includes intellectual property and cyber law. She externed for Justice Richard McAdams at the California Court of Appeals during her first summer. Ms. Garbagnati also received her undergraduate degrees in Criminology, Law & Society and Psychology & Social Behavior at the University of California, Irvine. She plans on working in a corporate law firm upon completion of her J.D. in 2011.

Orly Turgeman-Goldschmidt (PhD) is in the Interdisciplinary Department of Social Sciences at Bar-Ilan University in Ramat Gan, Israel.

Walid Hejazi (PhD) is a Professor of Business Economics at the Rotman School of Management at the University of Toronto, where he regularly teaches Canada’s current and future business leaders
in the MBA and Executive MBA programs. He has published extensively in more than forty business journals and publications. In keeping with the spirit of Rotman, Walid balances his research activities by helping many of Canada’s leading organizations leverage research to decide new strategies and initiatives. Recently, he assisted several large retail chains find new ways to understand their market data, providing them with perspectives allowing them to optimize their business activities. Walid has also consulted for several branches of Canadian government, on diverse themes such as the competitiveness of the Canadian economy and international trade. He is currently editor-in-chief of a study being prepared by the Department of Foreign Affairs measuring the economic benefits of Canada’s partnership with the European Union.

Max Kilger is a profiler as well as a member of the board of directors for the Honeynet Project. As a social psychologist his research interests focus on the relationships between people and technology. In particular his research focuses on the motivations of individuals and groups in gaining non-traditional access to computer networks and resources. He is the co-author of several book chapters on profiling. He was a member of a National Academy of Engineering counterterrorism committee providing advice and counsel to Congress and other relevant federal entities. He is a frequent national and international speaker at information security forums.

Alan LeFort is currently the Managing Director for TELUS Security Labs, Canada, a research organization focused on helping more than 50 of the world’s leading security companies identify and eradicate critical threats and vulnerabilities. Alan also acts as a senior advisor to several of the top security companies, providing guidance on their market strategy and their product roadmaps. Additionally, he heads up the product management team at TELUS for security products and services—including managed services, technology integration, and professional services. Prior to joining TELUS, Alan has held senior roles in software development, product management, and IT operations. He has also taught several security courses at the professional learning centre at the University of Toronto’s Faculty of Information Studies.

June Melnychuk (BA) is a Teaching Assistant and Lab Instructor for the Faculty of Criminology, Justice and Policy Studies and for the Faculty of Business and Information Technology at the University of Ontario Institute of Technology, Canada. She was the recipient of the 2008-2009 Teaching Assistant Award, as nominated by the students. She is completing a Masters of Arts degree in Criminal Justice at the University of the Fraser Valley in British Columbia, Canada.

Robert G. Morris (PhD) is an Assistant Professor of Criminology at the University of Texas in Dallas. He studies the etiology of crime, with a specific interest in fraud and cybercrime, as well as issues surrounding the social response to crime. His recent work has appeared in Criminal Justice Review, Journal of Criminal Justice, Journal of Crime and Justice, Deviant Behavior, Criminal Justice & Popular Culture, Criminal Justice Studies, and Criminal Justice Policy Review.

Johnny Nhan is assistant professor of criminal justice at Texas Christian University. He obtained his Ph.D. in Criminology, Law and Society from the University of California, Irvine in 2008. He has written on various issues in cybercrime, including piracy, policing, and spam. His research interests include hacker culture, cyber law, and white-collar crime.
About the Contributors

**Bob Radvanovsky** has knowledge about our Nation’s critical infrastructures, publishing numerous articles regarding ‘critical infrastructure protection’ (‘CIP’). He has established awareness programs through his company, Infracritical, with professional accreditation and educational institutions, specifically on critical infrastructure protection and assurance. This includes establishing the SCADASEC mailing list for control systems security discussions, is a participating subject-matter expert with DHS’s Transportation Security Administration’s *Transportation Systems Sector Cyber Working Group* (TSS-CWG) and DHS’s Control Systems Security Program’s (CSSP) *Industrial Control Systems’ Joint Working Group* (ICSJWG), and is co-chairperson of the International Society of Automation (ISA) *ISA-99 WG10: Security Program Operations and Metrics* (to be integrated into the ANSI/ISA99.00.02-2009 standard).

**Ben Sapiro** is the Research Director with TELUS Security Labs, Toronto, responsible for Security Practices. Ben brings over ten years as a security consultant with global clients in North America, Europe, the Middle East and Asia. Ben’s security experience includes security audits, ethical hacking, infrastructure work, threat modeling, secure development, secure architecture, social engineering, and application testing. Ben contributes to community efforts on emerging cloud security standards and XML-based security reporting languages.