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Dr. Abu-Ghazaleh joined the Computer Science department in 1998. He received his M.S. and Ph.D. degrees in Computer Engineering from the University of Cincinnati in 1994 and 1997 respectively. He has a B.Sc. in Electrical Engineering from the University of Jordan. His research interests are in mobile computing and networking, sensor networks, parallel and distributed systems and high performance computing.

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Bruce Barnett graduated from RPI in 1975. He has been a part of General Electric (GE) for over 20 years and is currently a Computer Scientist doing research at GE Global Research. His research covers traffic analysis, expert systems, real-time video multicast, and security systems and has several publications in these areas.

### **Max Berger, Ph.D.**

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Maximilian Berger has just finished the doctorate in Computer Science at Texas Tech University. He studied Computer Science at the Technische Universität München where he graduated with a Diploma in Computer Science in 2003. Then he came to the TTU and joined the SORCER research group. His main research interest is in distributed systems in particular metacomputing and service-oriented environments. He is currently moving back to Europe to continue his academic career in distributed systems.

### **Steffani Burd, Ph.D.**

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Steffani is an expert in applying analytics to security issues in the private and public sectors. She is a Threat Mitigation Consultant for igxglobal, Inc. and was previously the Executive Director of the Information Security in Academic Institutions research project funded by the National Institute of Justice. Related activities include New York Police Department (NYPD) auxiliary police officer, incident commander for Citizens Emergency Response Team (CERT), and Director of Research for the LI Metro InfraGard Alliance. Relevant education includes Columbia University (Ph.D. 1998), and University of Chicago (B.A. 1988).

**Scott Cherkin**

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Mr. Scott Cherkin has been at the forefront of introducing emerging technologies and interactive marketing solutions to Fortune 500 companies for over ten years. Since 2001, he has applied his strategic marketing and business development skills to vendors specializing in secure information sharing and critical infrastructure protection for the Defense Department, Intelligence Community, and other Homeland Security organizations. Mr. Cherkin's current focus includes consulting to Internet start-ups and the founding of DealMine.com. He is also an active member of the NY Metro InfraGard Alliance and the OSD-sponsored Cross Domain Solutions Working Group (CDSWG) and a graduate of Pennsylvania State University.

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Gurpreet is a Professor of IS in the School of Business, Virginia Commonwealth University, Richmond, USA. He holds a Ph.D. from the London School of Economics and Political Science, UK. His research interests include management of information security, ethical and legal implications of information technology. His research has been published in several journals including *Information Systems Research, Information & Management, Communications of the ACM, Computers & Security, European Journal of Information Systems, Information Systems Journal, and International Journal of Information Management* among others. Gurpreet has just finished his sixth book *Principles of Information System Security: text and cases* (John Wiley). He is also the Editor in Chief of the *Journal of Information System Security*, is the North American Regional Editor of the *International Journal of Information Management* and sits on the editorial board of *MISQ Executive*.

**Matthew Haschak**

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Mr. Haschak is an Information Security Analyst at Bowling Green State University and the former President, and current Vice President of the Toledo InfraGard Members Alliance. He was a Technical Advisor as an Academic Institutions Specialist for the NIJ grant funded project researching Information Security in Academic Institutions. Additionally, Mr. Haschak is a CISSP, has a Masters in Business Administration and has worked in both the private and public sector as an Information Security Analyst over the past nine years.

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Mary Henthorn is completing her master's degree in computer science at the University of Arkansas at Little Rock, as well as serving as a Senior Technology Analyst for the State Security Office. Since 1969 she has held positions in applications development, IT management, research and analysis for state and

federal agencies. She holds GIAC and Public Management certifications and is an active member of the MS-ISAC and InfraGard Members Alliance.

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Daniela Inclezan is a doctoral student at Texas Tech University and a member of the SORCER laboratory at the Computer Science Department, TTU. She currently is working on her master thesis with the title: "Security Policy Management in Federated Systems" under the supervision of Dr. Michael Sobolewski. After graduating the Technical University of Cluj-Napoca, Romania in 2004, she worked as a web-based application programmer for one year.

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Hajime (Jim) Inoue is a postdoctoral fellow at Carleton University. He received his doctoral degree from the University of New Mexico. His dissertation was titled, "Anomaly Detection in Dynamic Execution Environments". His research interests include: Anomaly Detection, Program Behavior, Program Language Design and Implementation, Garbage Collection, and Compilers.

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Insu Park is a Ph.D. candidate in Management Science & Systems at the University at Buffalo. He was awarded the Joseph A. Alutto Fellowship from the University in 2006. His research interests include: Behavioral Decision-Making, Implications of Information Assurance, Behavioral Impacts of Information Security on Public and Private Sector, Internet Marketing Strategy, Impacts of Individual Factors on IS Implementation/Effectiveness in Organizations, and E-government. He has journal publications in *Decision Support Systems*, the *Journal of Information System Security*, and *IEEE Transactions on System, Man, and Cybernetics*. Prior to becoming a Ph.D. student, he worked as a consultant in IBS Consulting Company in Seoul, Korea.

**Daniel Sexton, Ph.D.**

GE Global Research

As a project manager working for GE's Global research department, Mr. Sexton has been leading and participating in research projects in wireless communications and wireless sensor system development. He is current leading a project for the Department of Energy to develop wireless sensors and networks for use in industrial environments. Mr. Sexton has 25 years of experience in industrial automation, controls and communications. He holds 25 granted US patents in both the communications and automation technologies. He is a leader in the ISA SP100 activity to define wireless systems for industry, and is a member of the advisory board of Center for Automation Technologies and Systems at

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Dr. Rao has a Ph.D from Purdue University, an M.B.A from Delhi University, and a B.Tech. from the Indian Institute of Technology. His interests are in the areas of management information systems, decision support systems, and expert systems and information assurance. He has chaired sessions at international conferences and presented numerous papers. He has authored or co-authored more than 100 technical papers, of which more than 60 are published in archival journals. His work has received best paper and best paper runner up awards at AMCIS and ICIS. Dr. Rao has received funding for his research from the National Science Foundation, the Department of Defense and the Canadian Embassy and he has received the University's prestigious Teaching Fellowship. He has also received the Fulbright fellowship in 2004. He is a co-editor of a special issue of *The Annals of Operations Research, the Communications of ACM, associate editor of Decision Support Systems, Information Systems Research, and IEEE Transactions in Systems, Man and Cybernetics, and co-Editor- in -Chief of Information Systems Frontiers.*

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Dr. Raj Sharman is an assistant professor in the School of Management at the State University of New York, Buffalo, New York. He received his Bachelors degree in Engineering and Masters Degree in Management from the Indian Institute of Technology, Bombay, India. He also received a Masters in Industrial Engineering, and a Doctoral degree in Computer Science from Louisiana State University. His research interests are in the areas of Information Assurance, Disaster Management, and Internet Technologies. He is a recipient of several grants, both internal and external grants in the area of Information Security. His publications appear in peer reviewed journals and international conferences in both the Information Systems and the Computer Science disciplines. Dr. Sharman serves as an associate editor for the Journal of Information Systems Security.

**Michael Sobolewski, Ph.D.**

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Dr. M. Sobolewski is a Professor of Computer Science at Texas Tech University since September 2002. He teaches courses related to distributed computing: network security, advanced network programming, P2P, and mobile computing. He is a director of the SORCER laboratory at Computer Science Department, TTU. The laboratory research is focused on service-oriented computing systems. Before, he worked with General Electric Global Research Center as a Senior Computer Scientist since August 1994. From 1999 he has worked on service-grid computing systems and developed a service-based programming methodology for the FIPER/NIST (Federated Intelligent Product Environment) project. While at GE GRC, he was a FIPER chief architect and lead developer. In the period of 1997-2000 he lead and developed web-based computing framework (GApp/DARPA) and demonstrated 17 successful

applications for various GE businesses including a document management system for the family of F110 engines – GE Aircraft Engines, a Web-EMPIS system - GE engineering specification system, an Engineering Calculator - GE Plastics. He led GE's successful CAMnet/DARPA project (1995-1996), developing tools and methodology to deliver manufacturing and engineering services via the World Wide Web. Also, in 1996 he led a successful Lockheed Martin EDN Toolkit project that provides enablers to built Web-based workbooks and record books. From November 1989 until February 1994 he was invited to work on DICE program at Concurrent Engineering Center (CERC), West Virginia University, where he developed a knowledge-based environment for concurrent engineering (DICEtalk) based on his novel percept knowledge representation scheme, a Motif-based generic application, a GUI client for information sharing system, and a GUI interface for medical informatics system (ARTEMIS).

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Dr. Somayaji received his BS degree in mathematics from the Massachusetts Institute of Technology in 1994 and the PhD degree in computer science in 2002 from the University of New Mexico. He is an assistant professor in the School of Computer Science at Carleton University. His research interests include computer security, operating systems, complex adaptive systems, and artificial life.

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Dr. Shambhu J. Upadhyaya is an Associate Professor of Computer Science and Engineering at the State University of New York at Buffalo where he directs the Center of Excellence in Information Systems Assurance Research and Education (CEISARE), designated by the National Security Agency. Prior to July 1998, he was a faculty member at the Electrical and Computer Engineering department. His research interests are information assurance, computer security, fault diagnosis, fault tolerant computing, and VLSI Testing. He has authored or coauthored more than 150 articles in refereed journals and conferences in these areas. His current projects involve insider threat modeling, intrusion detection, security in wireless networks, and protection against Internet attacks. His research has been supported by the National Science Foundation, Rome Laboratory, the U.S. Air Force Office of Scientific Research, National Security Agency, IBM, and Cisco.

### **Nicholas C. Weaver**

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Dr. Weaver received his Ph.D. in Computer Science from the University of California at Berkeley in 2003. In 1995, he received his B.S degree in Astrophysics and Computer Science at the same school. Prior to becoming a researcher at the International Computer Science Institute, he worked in Lawrence Berkeley Labs and Silicon Defense. His current research focuses on high-speed worms and related threats. Dr. Weaver first grew interested in this field based on observing the possibility of a Warhol Worm, which could infect every potential host in 15 minutes. Similarly, he is interested in single points of ownership on the Internet as well as security implications of Brilliant Digital and automatic updaters.