About the Contributors

Melissa Jane Dark is a Professor in Computer and Information Technology and Associate Director for Educational Programs at CERIAS (the Center for Education and Research in Information Assurance and Security) at Purdue University. Her research interests focus on how to address the human aspects of information security problems. She investigates the utilization of education and public policy to shape the information security behaviors of people.

* * *

Annie I. Antón received the PhD degree in computer science from the Georgia Institute of Technology, Atlanta, in 1997. In 1998, she joined the faculty of North Carolina State University, Raleigh, where she is currently a professor, the founder and director of ThePrivacyPlace.org, and a member of the Cyber Defense Laboratory. Her research interests include software requirements engineering, information privacy and security policy, regulatory compliance, software evolution, and process improvement. She is a co chair of the Privacy Subcommittee of the ACM US Public Policy Committee. In 2009, she was recognized as a Distinguished Scientist by the ACM. She is a member of the CRA Board of Directors, IAPP, Sigma Xi, and the Data Privacy and Integrity Advisory Committee, US Department of Homeland Security. She is a senior member of the IEEE. She is a recipient of the US National Science Foundation Faculty Early Career Development (CAREER) Award.

Jonathan Beever is a doctoral student in the Department of Philosophy at Purdue University. He works primarily in applied ethics and bioethics but also has interests in continental philosophy, political philosophy, and semiotics. Jonathan is the co-founder of the Purdue Bioethics Seminar Series at Purdue University and has written on conflict of interest in medical decision-making, ethical publishing in science and engineering, the validity of nanoethics, and the environmental politics of French postmodernist Jean Baudrillard. His dissertation argues for a broadened scope of valuation in environmental ethics within the restraints of signification.

Hina Chaudhry is a PhD student in Information Security at the Center for Research in Information Assurance & Security (CERIAS) at Purdue University, Indiana,USA. Her research interests include security issues in Cloud Computing, Software Vulnerabilities and Information Security frameworks/models. Hina also holds a Masters in Information Systems from Middlesex University, UK. Prior to joining Purdue, Hina was a System Analyst with HCL Corporation, India where she supported multinational financial clients with their remote IT infrastructure.
About the Contributors

Nicolas Christin is the Associate Director of the Information Networking Institute at Carnegie Mellon University, where he also serves as a faculty member. He is in addition a CyLab SysteM.S. Scientist, and (by courtesy) a faculty member in the Electrical and Computer Engineering department. He holds a Diplôme d’Ingénieur from École Centrale Lille, and M.S. and Ph.D. degrees in Computer Science from the University of Virginia. While in graduate school, he worked at Nortel’s Advanced Technology Lab. Before joining Carnegie Mellon in 2005, he was a post-doctoral researcher in the School of Information at the University of California, Berkeley. He served for three years as resident faculty in the CyLab Japan program in Kobe (Japan), before returning to Carnegie Mellon’s main campus in 2008. His research interests are in computer and information systeM.S. networks; most of his work is at the boundary of systeM.S. and policy research, with a slant toward security aspects. He has most recently focused on network security and its economics, incentive-compatible network topology design, and peer-to-peer security.

Joseph Ekstrom is Program Chair of the Information Technology program at Brigham Young University and an Associate Professor in that program. He received his BS, MS and PhD degrees from BYU in 1974, 1976, and 1992 respectively. After a 30 year career in industry as a software engineer and engineering manager, he joined the BYU faculty in 2001 to help create the new Information Technology Major. Dr. Ekstrom has been active in the definition of IT as a discipline and was one of the authors of the IEEE/ACM Information Technology Model Curriculum. His research interests include Information Assurance and Security curriculum, secure content storage and retrieval, and network security and management.

Deborah Frincke is a Chief Scientist at the Pacific Northwest National Laboratory. She has a PhD, MS and BS in Computer Science and a BS in Mathematics. As Initiative Lead for PNNL’s Information and Infrastructure Integrity Initiative, she conducts research spanning a broad cross-section of computer security with an emphasis on infrastructure defense and computer security education. She has published over 80 articles and technical reports and is a charter member of the Department of Energy’s cyber security grass roots community. She has been an Affiliate Professor with the University of Washington’s information school (UW i-School) since December 2008. She is a member of several computer security editorial boards, the UW i-School Center for Cyber Security and Information Assurance advisory board, and the Idaho State NASA/EPSCOR Technical Advisory Committee. Before joining PNNL, Dr. Frincke was a professor at the University of Idaho, a co-founder and director of the University of Idaho Center for Secure and Dependable SysteM.S., and a co-founder of the TriGeo Network Security Company.

Cassio Goldschmidt is senior manager of the product security team under the Office of the CTO at Symantec Corporation. In this role he leads efforts across the company to ensure the secure development of software products. His responsibilities include managing Symantec’s internal secure software development process, training, threat modeling and penetration testing. Cassio’s background includes over 13 years of experience in the software industry. During the eight years he has been with Symantec, he has helped to architect, design and develop several top selling product releases, conducted numerous security classes, and coordinated various penetration tests. Cassio is also known for leading the OWASP chapter in Los Angeles. Cassio represents Symantec on the SAFECode technical committee and (ISC)2 in the development of the CSSLP certification. He holds a bachelor degree in computer science from PUC-RS, a masters degree in software engineering from SCU, and a masters of business administration from USC.
Frank L. Greitzer is a Chief Scientist at the Pacific Northwest National Laboratory. He holds a PhD in Mathematical Psychology and a BS in Mathematics. At PNNL he leads a Cognitive Informatics focus area that addresses human factors and social/behavioral science challenges through modeling and advanced engineering/computing approaches. He has over 30 years of applied research and development experience in cognitive psychology, human information processing, and user-centered design. His research interests include modeling human behavior to identify/predict malicious insider cyber activities, modeling socio-cultural factors as predictors of terrorist activities, and human-information interaction concepts for enhancing decision making in various information analysis domains. Other interests include evaluation methods and metrics for assessing effectiveness of decision aids, analysis methods and displays; and application of cognitive principles to improve training effectiveness and accelerate learning. Dr. Greitzer also is an adjunct faculty member at Washington State University-Tri-Cities, where he has taught courses in human-system interaction design and human factors.

Albert L. Harris (PhD, Georgia State University) is Professor of Information Systems at the Walker College of Business, Appalachian State University, and Editor-in-Chief of the Journal of Information Systems Education. He is Secretary of the AIS SIG-ED, International Association of Information Management (IAIM), and a member of the Board of Directors of AITP’s Education Special Interest Group (EDSIG). He was a 2006 Fulbright Scholar to Portugal and a 2008-09 exchange Professor to the University of Angers in France. Dr. Harris is a Certified Information Systems Auditor and a Certified Management Consultant. He has consulted for numerous private and public organizations, both in the U.S. and abroad. Dr. Harris has traveled extensively and has used these experiences in his teaching and research. His research interests include IS education, IS ethics, and global IS/IT issues. He had co-edited a book and has over 90 publications as book chapters, journal articles, and in international and national conference proceedings.

Nathan Harter, prior to being admitted to the bar as an alumnus of the Indiana University School of Law, Nathan Harter was graduated from Butler University with departmental honors in both political science and philosophy. He then practiced law in southeastern Indiana, where he served as a city attorney and assistant prosecuting attorney. Harter is presently a professor of Organizational Leadership in the College of Technology at Purdue University and has been teaching non-traditional undergraduates since 1989. During his academic career, Harter was tenured in 1995 and was named a Welliver Faculty Summer Fellow at The Boeing Company in 2005. He has also served as chair of the scholarship section of the International Leadership Association.

Val Hawks is the Director of the School of Technology at Brigham Young University and an Associate Professor in the Manufacturing Engineering Program at BYU. He has a BS degree in Design Engineering Technology from BYU, an MS in Industrial Engineering from Lehigh University and PhD in Leadership Studies from Gonzaga. He has written several papers on topics in ethics and leadership as well as in his specific technical expertise are of quality system. His professional employment took him to Xerox Corporation in Rochester New York as a young engineer, then to Ben Franklin Technology Center in Bethlehem Pa. as a technical projects manager, before joining the faculty in the College of Engineering and Technology at BYU.
**About the Contributors**

**Michael Kane**, PhD is an Associate Professor in the Department of Computer and Information Technology at Purdue University, as well as the Lead Genomic Scientist at the Bindley Bioscience Center at Discovery Park. Dr. Kane has a PhD in Molecular Pharmacology and over ten years experience in the pharmaceutical and biotechnology industry. His professional experience has produced 3 patents in the field of genomic technology development, as well as numerous publications in bioinformatics and genomics. He is recognized for his pioneering work in the development of methods for DNA detection, development of dedicated bioinformatics methods and software for DNA analysis, and utilization of genomic technologies in drug discovery and disease characterization.

**Aaron Massey** is a PhD candidate in the Computer Science department at North Carolina State University and a member of ThePrivacyPlace.org. His research interests include computer security, privacy, regulatory compliance, and managing legal requirements in software engineering. As a recipient of a 2008 Google Policy Fellowship, Aaron spent the summer of 2008 working with Jim Harper, Directory of Information Policy Studies at the Cato Institute. He is also the recipient of the 2008-2009 Walter H. Wilkinson Graduate Research Ethics Fellowship. Aaron earned a BS in Computer Engineering from Purdue University in 2003 and a MS in Computer Science from North Carolina State University in 2009. He is a student member of the Association of Computing Machinery, Institute of Electrical and Electronics Engineers, and International Association of Privacy Professionals. He is also a member of the ACM US Public Policy committee. Aaron is originally from Noblesville, IN.

**Linda Morales** is an Assistant Professor in the Computer Science Department at the University of Houston-Clear Lake. Her interests include algorithm design and analysis, approximation algorithms, networks, information security and information security ethics. She obtained her PhD in Computer Science for the University of Texas at Dallas. Prior to joining academia, she worked in the telecommunications industry for several years, where she specialized in network planning and the creation of wireless standards. She holds several patents in this area. She enjoys teaching, research and working with students.

**Nicolae Morar** is a PhD student in the Philosophy Department at Purdue University. He took his undergraduate degree in Philosophy in 2003-2004 from both 'Ecole de Philosophie et Théologie St Jean' and Lyon 3 'Jean Moulin' University (France) with a BA thesis on the foundations and critiques of Michel Foucault’s Biopower. He received his Master Degree from Lyon 3 University in 2005 with a Master thesis on the stakes of reproductive medicine in the USA. He joined the PhD Program in Philosophy at Purdue University in 2006. As a recipient of the Puskas Fellowship in 2006, Nicolae initiated the Bioethics Lecture Series at Purdue. His primary interests are applied ethics, biopolitics (genetics and justice), and in recent Continental Philosophy: Foucault and Deleuze. He published articles in the Romanian Journal of Bioethics and has a contribution in a book Health Care, Autonomy, and Responsibility (NY, Zeta Books, 2009).

**Elin Palm** is a Post Doctoral Researcher at the Division of Philosophy, Royal Institute of Technology, Stockholm, Sweden. Her doctoral dissertation ‘The Ethics of Workspace Surveillance’ discusses ethical implications of surveillance technology in the context of work. Currently, she conducts research within the fields of Information and Communication Ethics and Intercultural Information Ethics.
About the Contributors

Jon E. Sprague, RPh, PhD is Professor of Pharmacology and Dean at the Raabe College of Pharmacy, Ohio Northern University (ONU). Before returning to ONU, Dr. Sprague was Chair and Professor of Pharmacology at the Virginia College of Osteopathic Medicine at Virginia Tech University. He received his PhD in Pharmacology and Toxicology from Purdue University. His first faculty position was also held at Purdue. He then taught for 9 years at Ohio Northern University before he went to Virginia Tech. His research interests include studying the hyperthermic mechanism of the substituted amphetamines, namely 3,4-methylenedioxy-methamphetamine (MDMA, Ecstasy). He and his wife (Aimee) have two young children; Emily (14) and Ryan (11).

John A. Springer, PhD, is an Assistant Professor in the Department of Computer and Information Technology at Purdue University and the Lead Scientist for High Performance Data Management Systems at the Bindley Bioscience Center at Discovery Park. His research interests involve the innovative use of database technology in bioinformatics, biomedical informatics, and advanced manufacturing; database management system performance and scalability; and novel methods for constraint specification and implementation in databases. His professional background includes stints at a global technology services consulting firm, a pharmaceutical company, and a start-up software company.

Misse Wester is a behavioral scientist, working as a researcher at the Division of Philosophy, The Royal Institute of Technology, Stockholm, Sweden. Her main research areas are risk perception, risk and crisis communication. Of particular interest are differences in perception relating to risk and benefit with new technologies, primarily between experts and lay people. She holds a PhD in psychology from Örebro University. This research was funded by the Swedish Civil Contingencies Agency under contract 1167/2007.

Dave Yates is an Assistant Professor in the College of Information Studies at the University of Maryland. Dr. Yates area of expertise is in social media and collaborative technologies, especially the privacy and security concerns of using these technologies. Dr. Yates is particularly interested in the privacy and security concerns that inhibit trust and information exchange in large-scale collaboration. His dissertation entitled “Technology support for virtual collaboration for innovation in synchronous and asynchronous interaction modes” won the Gerardine DeSanctis dissertation award at the 2007 annual meeting of the Academy of Management. A former Air Force officer, Dr. Yates has also been a consultant for both industry and government institutions in the areas of information security, and virtual collaboration.

Mariah Zabriskie is a certified Senior Professional in Human Resources with over a decade of progressive Human Resources experience at both Fortune 500 and non-profit organizations. MS Zabriskie earned a Bachelor’s degree in Business Administration with a minor in Human Resources from Saint Leo University and a Master’s degree in Sociology from Florida Atlantic University.