

# BIOS

## Martin E. Abrams

Martin Abrams is Executive Director of the Center for Information Policy Leadership at the law firm of Hunton & Williams, a business process oriented policy center with expertise in privacy and security. He leads the Center's Layered Notices Project that is re-inventing the way businesses communicate their information practices to consumers. Mr. Abrams has been doing privacy work for fourteen years and consumer policy for better than twenty-five. Prior to founding the Center he was Vice President for Information Policy and Privacy at Experian. He began his career at the Federal Reserve Bank where he served as Community Affairs Officer and administered the Community Reinvestment Act.

## Steven B. Adler

Steven B. Adler is the IBM Tivoli Privacy Market Manager and leader of the IBM Privacy Management Council. Prior to joining the Tivoli Division of IBM Software Group, Mr. Adler was the Principal in charge of IBM's Global Privacy Center of Competence, and led the international team that created IBM's patented Enterprise Privacy Architecture, which is the foundation for IBM's privacy consulting methodology, reference architecture, Enterprise Privacy Authorization Language, and Privacy Manager software. Mr. Adler is also the inventor of IBM's e-Risk solution family, which provided the world's first internet insurance development programs for the insurance industry in 1996. Mr. Adler is a member of the Board of Directors of the Better Business Bureau Online, the International Security, Trust and Privacy Alliance and the IBM Privacy Research Institute.

## Parry Aftab

Parry Aftab is a cyberspace lawyer specializing in privacy and security law. She has represented some of the largest members of the Internet industry and advised governmental agencies throughout the world. Ms. Aftab is the author of the leading book on online safety for children and she also runs the world's largest online safety and help organization that acts as a 911 in cyberspace. For more information see [www.aftab.com](http://www.aftab.com).

## Ruchika Agrawal

Ruchika Agrawal received a B.S. from Rutgers-The State University of New Jersey double-majoring in Computer Science and Philosophy and completing a Henry Rutgers Thesis on the problem of ambiguity in natural language processing. After working as a web application developer, which included Java programming and system analysis, she returned to academia. Ms. Agrawal received an M.S. in Computer Science from Stanford University. With Dr. Barbara Simons - former President of ACM and current Co-Chair of USACM - as her advisor, Ms. Agrawal became involved in several technology-related legal and policy projects, and co-founded The Stanford Student Computer and Network Privacy Project with Dr. Simons. Ms. Agrawal currently works for EPIC (the Electronic Privacy Information Center) as an IPIOP Policy Analyst Fellow. One of her main projects involves defining a framework for privacy-enhancing technologies in response to prevalent technology-related privacy threats.

## **Joseph H. Alhadeff**

Joseph H. Alhadeff is the Vice President for Global Public Policy and Chief Privacy Officer for Oracle Corporation, the world's leading supplier of information management software. He is responsible for coordinating and managing Oracle's global electronic commerce, privacy and Internet-related policy issues. Mr. Alhadeff joined Oracle from the U.S. Council for International Business (USCIB) in New York where he was General Counsel and Vice President for Electronic Commerce. At USCIB, he was responsible for the development and coordination of all USCIB electronic business-related initiatives. Mr. Alhadeff serves as the Vice Chair of the Business and Industry Advisory Committee to the Organization for Economic Cooperation and Development (OECD). Mr. Alhadeff holds an M.B.A. in Management and Information Systems from New York University, Leonard N. Stern School of Business, a J.D. from Boston University School of Law, and a B.A. from Oberlin College.

## **Laura Berger**

Laura Berger is an attorney in the Division of Financial Practices at the Federal Trade Commission. She has been with the Division of Financial Practices since 1998, and has worked extensively on policy and enforcement concerning the Commission's Privacy Rule under the Gramm-Leach-Bliley ("GLB") Act. In addition, she was author of the Commission's Safeguards Rule under the GLB Act, and is now involved in developing educational materials to assist businesses to comply with that Rule. Previously, Ms. Berger was an attorney with the Office of the General Counsel at the FTC. She received a B.A. in English from Tulane University and a J.D. from the University of Michigan.

## **Kathy Bohrer**

Kathy Bohrer is an IBM researcher working on privacy technologies and solutions for both enterprises and individuals. Prior to joining IBM Research, she led architecture and product efforts for the AIX operating system, the Taligent CommonPoint client object frameworks, IBM's San Francisco distributed business objects, and the first EJB specification. In research, Ms. Bohrer has focused on CRM and privacy solutions. She is an IBM Distinguished Engineer and an IBM Academy of Technology Emeritus member.

## **Paula Bruening**

Paula Bruening is Staff Counsel for the Center for Democracy and Technology. In her work at CDT she focuses on privacy and defense of the First Amendment on the Internet. Prior to her arrival at CDT, she was the Director of Compliance and Policy for TRUSTe, the online privacy seal program. While with TRUSTe, she served on the Federal Trade Commission Advisory Committee on Access and Security. Before that, Ms. Bruening was Senior Attorney-Advisor for the Office of Chief Counsel, National Telecommunications and Information Administration, US Department of Commerce. Her recent publications include *Consumer Privacy In the Electronic Marketplace*, and "Is Privacy Possible in the 21<sup>st</sup> Century?" published by the New School for Social Research.

## **David Chaum**

Widely recognized as the inventor of electronic cash, David Chaum is also known among cryptographers and security experts as the inventor of many basic cryptographic techniques, general results, electronic voting, and the basic techniques that allow individuals to protect their identity and related information in interactions with organizations. With a Ph.D. from Berkeley, he taught, was the leader of a crypto research group, and founded DigiCash. Currently, Mr. Chaum is affiliated with several companies, universities and international projects.

## **Gary Clayton**

Gary Clayton is the Founder and Chairman of Privacy Council, Inc. Over the past decade, he has worked closely with U.S. and global business leaders on Internet, technology, privacy, security and data protection issues. Mr. Clayton has testified before Congress on issues such as financial and online privacy and played an active role in the U.S.-European Union negotiations that led to the adoption of the Safe Harbor program. A member of the Texas Privacy Commission, Mr. Clayton is a frequent speaker on the importance of managing privacy as a business process. Among other things, he currently is working with the U.S. Government on domestic and international privacy issues.

## **Larry Clinton**

Larry Clinton is responsible for all operations at ISAlliance. ISAlliance is a collaboration between the nation's pre-eminent source of Internet vulnerability and threat analysis, the CERT/CC at Carnegie Mellon University and the 1200 member Electronics Industry Alliance. ISAlliance provides technical threat/vulnerability information sharing services to its 60-plus corporate members as well as providing best practices, training, policy development services and developing market-based incentives for improved Internet security. Prior to joining ISAlliance, Mr. Clinton was Vice President of the United States Telephone Association. Before joining USTA he was the Legislative Director for Congressman Rick Boucher. Mr. Clinton holds a Masters in Political Communications from the University of Maryland and has completed course work on his doctorate in Communication Theory from the University of Illinois.

## **Lorrie Faith Cranor**

Lorrie Faith Cranor is a Principal Technical Staff Member in the Secure Systems Research Department at AT&T Labs-Research Shannon Laboratory in Florham Park, New Jersey. She is chair of the Platform for Privacy Preferences Project (P3P) Specification Working Group at the World Wide Web Consortium. Her research has focused on a variety of areas where technology and policy issues interact, including online privacy, electronic voting, and spam. She is author of the book "Web Privacy with P3P" (O'Reilly 2002) and an adjunct assistant professor of information systems at New York University. For more information visit her web site at <http://lorrie.cranor.org/>.

## **Mary J. Culnan**

Mary J. Culnan is the Slade Professor of Management and Information Technology at Bentley College in Waltham, MA. She has testified before Congress, the Massachusetts Senate, and other government bodies on a range of privacy issues. She served as a Commissioner on the President's Commission on Critical Infrastructure Protection and the FTC's Advisory Committee on Access and Security. In December 2002 she organized a conference at Bentley, "Securing the Weak Link in Cyberspace," with the Massachusetts Attorney General's Office that addressed the security threats posed by unsecured consumer and small business computers. Her current research interests include the privacy issues raised by electronic marketing and the consumer security issues related to critical infrastructure protection.

## **Brooks Dobbs**

Brooks Dobbs is the Director of Privacy Technology for DoubleClick, Inc. He has been at DoubleClick since 1999 where he has held positions in sales engineering and privacy technology. In his current role with DoubleClick, Mr. Dobbs examines all privacy implications stemming from the use of DoubleClick's products and services, including ad serving, web site analysis and email. He was a member of the P3P Specification group and developer of DoubleClick's P3P statements. Mr. Dobbs assisted in the creation of the NAI,

Network Advertising Initiatives, Web Beacons Guidelines, as well helping to author Project Lumos, the NAI Email Service Provider's technical solution to spam. He has also contributed to the Center for Information Policy Leadership's Layered Notice Project. Prior to joining DoubleClick, Mr. Dobbs worked as Director of Advertising Technologies for Cox Interactive Media.

### **David Fares**

As Director of Electronic Commerce at the United States Council for International Business (USCIB), David Fares manages USCIB's electronic commerce policy program and services. USCIB is the U.S. affiliate of the International Chamber of Commerce, the Business and Industry Advisory Committee to the Organization for Economic Cooperation and Development and the International Organization of Employers. Before joining USCIB, Mr. Fares served as a Project Manager for the Electronics Business Connection at the New Jersey Institute of Technology; an international legal consultant at SCOR Reinsurance in Paris, France; and a staff attorney at the Franklin County, Ohio Court of Common Pleas. Mr. Fares is a graduate of the European Union Today and Tomorrow Programme at the Institut, d'Etudes Politique de Paris, the School of International and Public Affairs at Columbia University (MIA), Capital University Law School (*cum laude*, J.D.) and the University of Notre Dame (B.A.).

### **Edward W. Felten**

Edward Felten is an Associate Professor of Computer Sciences at Princeton University. His research interests include computer security and privacy, and the interaction of law, policy, and technology. His research has focused especially on the security and privacy implications of consumer products. He has served on advisory boards to numerous companies, and to the U.S. Department of Defense. He has testified twice in the Microsoft antitrust trial, and advised the Department of Justice on the Microsoft case under both the Clinton and Bush administrations. He received his Ph.D. in Computer Science and Engineering from the University of Washington in 1993.

### **George Gaberlavage**

George Gaberlavage is an Associate Director in the AARP Public Policy Institute. He heads the Institute's Consumer Team. Under his direction, the Team conducts research to inform the AARP's public policy advocacy in such areas as elder abuse, financial services and lending practices, food safety and nutrition labeling, funeral and burial practices, privacy, and utilities/telecommunications. Prior to joining AARP in 1986, Mr. Gaberlavage was Senior Federal Liaison with the National Association of Regional Councils where he worked with state and local officials representing the concerns of metropolitan areas and rural planning districts before Congress and the executive agencies. He holds a B.A. in political science from the State University of New York, College at Fredonia, and a Master of Public Administration in Public Policy from the American University in Washington, DC.

### **Susan Grant**

Susan Grant is the National Consumers League's Vice President for Public Policy in the areas of privacy, telecommunications, telemarketing, electronic commerce, and financial services. She also oversees the League's National Fraud Information Center and Internet Fraud Watch programs, which provide advice to consumers about telemarketing and online offers and transmit information about suspected telemarketing and Internet fraud to law enforcement agencies in the United States and Canada. In addition, Ms. Grant coordinates the Alliance Against Fraud in Telemarketing and Electronic Commerce, a coalition of government agencies, consumer organizations, trade groups, labor organizations, and multinational companies that works to educate the public about consumers' rights and how to shop safely by telephone and online. Ms.

Grant is U.S. co-chair of the Internet Working Group of the Trans Atlantic Consumer Dialogue and participates in U.S. government delegations to e-commerce committees at the Organization for Economic Cooperation and Development and Free Trade Area of the Americas.

### **Jim Halpert**

Jim Halpert is a partner in the E-Commerce and Privacy practice group of Piper Rudnick LLP, where he represents and counsels leaders in the Internet industry regarding liability, privacy, security, Intellectual property and other e-commerce issues. He has helped to negotiate and draft many of the United States' Internet laws, including the USA Patriot Act of 2001, the Children's Online Privacy Protection Act, the Digital Millennium Copyright Act, Communications Decency Act, and the Protection of Children from Sexual Predators Act, as well as portions of the Council of Europe Cyber-crime Convention. Mr. Halpert is general counsel to the Internet Commerce Coalition, a trade group of leading Internet service providers and e-commerce companies.

### **Jim Harper**

Jim Harper is the Editor of Privacilla.org, a Web-based think-tank devoted exclusively to privacy. He is also the founder and Principal of Information Age public policy consulting firm PolicyCounsel.Com. Mr. Harper also serves as an Adjunct Fellow with The Progress & Freedom Foundation. Previously, Mr. Harper served as counsel to committees in both the U.S. House and U.S. Senate. Mr. Harper regularly speaks and advocates on issues at the intersection of business, technology, and public policy. His scholarly articles have appeared in the Administrative Law Review, the Minnesota Law Review, and the Hastings Constitutional Law Quarterly. Mr. Harper is a native of California and a member of the California bar. He earned his bachelor's degree in political science at the University of California, Santa Barbara, where he focused on American politics and the federal courts. At Hastings College of the Law, Mr. Harper served as Editor-in-Chief of the Hastings Constitutional Law Quarterly.

### **David Hoffman**

David Hoffman is Intel Corporation's Group Counsel of eBusiness and Director of Privacy. In this capacity, Mr. Hoffman manages the legal team for the Chief Information Officer. Mr. Hoffman also manages Intel's privacy compliance organization and coordinates all privacy policy decisions for the corporation. He is a member of the Board of Directors of TRUSTe and was a member of the Federal Trade Commission's Online Access and Security Advisory Committee. Mr. Hoffman is a graduate of Hamilton College and the Duke University School of Law.

### **Donna L. Hoffman**

Donna L. Hoffman is Professor of Marketing and Co-Director of the Vanderbilt University Sloan Center for Internet Retailing and the Co-Founder of eLab, a pioneering lab that the New York Times has called one of the "premiere research centers in the world for the study of electronic commerce" and the Wall Street Journal recognizes as the "electronic commerce pioneer among business schools." Her research efforts focus on Internet marketing strategy, consumer behavior in online environments, and the policy implications of commercializing the Internet. She speaks and publishes widely on these topics. She served on the President's Information Technology Advisory Committee Socio-Economic and Workforce Panel. She has an A.B. degree from the University of California at Davis, and an M.A. and Ph.D. from the L.L. Thurstone Psychometric Laboratory at the University of North Carolina at Chapel Hill.

## **Christopher Klaus**

Christopher Klaus is the Founder and Chief Technology Officer of Internet Security Systems, Inc. (ISS), a leading global provider of information protection solutions and services that dynamically detect, prevent and respond to sophisticated threats to networks, servers and desktops for more than 10,000 corporate customers. Mr. Klaus founded ISS in 1994 after developing the company's first software program and flagship product, Internet Scanner, an industry first, while attending the Georgia Institute of Technology. Mr. Klaus is widely regarded as one of the world's foremost security experts and has testified before several Senate sub-committee hearings regarding security and, most recently, was invited by the joint staff to participate in the Homeland Security Information Sharing Workshop.

## **Gerard J. Lewis, Jr.**

Gerard J. Lewis is Senior Counsel & Chief Privacy Officer for Comcast Cable Communications, Inc. in Philadelphia where he advises company management and the business units on intellectual property, technology, Internet, and privacy matters. Prior to joining Comcast, Mr. Lewis served as Acting General Counsel for Half.com, Inc., an eBay Inc. company, and before that he was Vice President & General Counsel for Infonautics, Inc., an Internet information company. He graduated with honors from the University of Pittsburgh School of Law where he earned his J.D. degree and served as Executive Editor of the Law review; he earned his B.A. degree from Haverford College. Mr. Lewis is an Adjunct Professor of Law at Temple University's James E. Beasley School of Law where he teaches Computer Law to J.D. and LL.M. students.

## **Robert P. Liscouski**

Robert P. Liscouski is the newly appointed Assistant Secretary for Infrastructure Protection, Department of Homeland Security. Prior to his appointment, he was Director of Information Assurance for The Coca-Cola Company, where he was responsible for the development and guidance of information security strategies, the management of the Computer Incident Response and Forensics program, the Computer Threat Analysis and Awareness program, and the Vulnerability Assessment and Policy Validation programs. The Information Assurance Department also conducted research on new business technology vulnerabilities and risk mitigation strategies. Mr. Liscouski also served as a member of the Director of Central Intelligence Advanced Technology Panel, a panel of industry representatives providing expert advice, consultation and analysis on scientific, technical and engineering matters to the Director of Central Intelligence (DCI) and to the senior leadership of the Intelligence Community on scientific, technical and engineering matters. Mr. Liscouski's government experience includes 11 years with the Diplomatic Security Service of the US Department of State and 5 years criminal investigative experience as a homicide and narcotics investigator in Bergen County, NJ. He received his BS degree in Criminal Justice from John Jay College of Criminal Justice in New York, and his Masters of Public Administration from the Kennedy School of Government, Harvard University.

## **Rich Lloyd**

Rich Lloyd currently leads the Global Privacy and CRM functions at Dell Computer Corporation. In his CRM role, Mr. Lloyd is responsible for driving and owning Dell's strategy for the globalization of core sales and marketing tools, platforms, and business practices. Under his direction, Dell has implemented a global customer data infrastructure and standards for its use. In his privacy leadership role, Mr. Lloyd works to protect Dell Customer Privacy through global policy, training and practice improvements and take Dell's privacy leadership to the "next level." Under his direction, Dell has implemented a formal governance privacy

process and a global privacy training program. Prior to this capacity, Mr. Lloyd held a number of roles in Dell's Consumer Marketing group. He holds an MBA with distinction from Harvard University and a Bachelor of Science in Finance from the University of Utah. Mr. Lloyd worked for several years in the database marketing field prior to receiving his MBA.

### **Tim Lordan**

Tim Lordan serves as staff director for the Internet Education Foundation (IEF), a non-partisan, non-profit 501(c)(3) organization, dedicated to educating the public and policy makers about the potential of a decentralized global Internet to promote democracy, communications and commerce. Mr. Lordan joined the IEF in 1999 as the first permanent staff member and manages the Congressional Internet Caucus Advisory Committee (ICAC) project. He also manages IEF's other public education activities, the GetNetWise "one-click" user empowerment resource and the "State of the Net" project. Prior to joining the IEF, Mr. Lordan served as deputy policy counsel for the Internet Alliance, a Washington-based industry trade association. His other posts include: Edelman Public Relations Worldwide, full time consultant for AT&T's Law and Government Affairs Department and WGBH Educational Foundation. Mr. Lordan is a graduate of Suffolk University Law School in Boston, Massachusetts, and currently resides in Washington, DC.

### **J. Craig Lowery**

J. Craig Lowery is Chief Security Architect, and a software architect and strategist in Dell Product Group's Software Engineering organization. His responsibilities include researching, writing about, and speaking on computer security issues and trends. He is also a focal point for driving security-related product issues and initiatives within Dell. Mr. Lowery received an M.S. and a Ph.D. in Computer Science from Vanderbilt University and a B.S. in Computing Science and Mathematics from Mississippi College. His primary areas of interest include computer networking, security, and performance modeling.

### **Laura Lundin**

Laura Lundin is a Senior Director for BITS, the technology group for the Financial Services Roundtable. Ms. Lundin oversees the operations of the Financial Institution Data Evaluation and Security, LLC and manages the development efforts of software product security criteria and vendor relations for the BITS Product Certification Program. She also directs financial services industry projects on cyber security, cyber insurance, risk assessment, and risk management issues at BITS. Ms. Lundin holds a BSBA in Finance from Creighton University.

### **Mark MacCarthy**

Mark MacCarthy joined the Visa management team in June 2000 as Senior Vice President for Public Policy. He represents Visa before Congress, the Administration, the Federal Trade Commission, the banking regulators and other regulatory agencies. He is responsible for Visa's public policy initiatives and strategies, with particular emphasis on electronic commerce, the Internet and privacy. He regularly testifies on behalf of Visa before various Congressional committees and regulatory agencies. He has 23 years of experience in Washington DC public policy making and government affairs. Mr. MacCarthy has a Ph.D. in philosophy from Indiana University and an MA in economics from the University of Notre Dame. He has published a number of articles on government regulation, and has taught at Notre Dame and Maryland University. Since 1999, he has been an adjunct faculty member at Georgetown University's Communication, Culture, and Technology Program, where he teaches courses on the economics of network industries and public policy toward network industries.

## **Fran Maier**

Fran Maier is the Executive Director and President of TRUSTe, a nonprofit organization widely known for its award-winning Internet privacy certification and seal program. Joining the organization in 2001, Ms. Maier has led TRUSTe to a new era of growth, expanded new products and services, and enhanced enforcement. Her professional experience includes executive and marketing roles in both Internet and traditional organizations, including Match.com, Women.com, Northern California's AAA Club, and the Clorox Company. She holds both an MBA and BA from Stanford University.

## **Brett Michaels**

Brett Michaels is the Area Director, US Government Sector, for RSA Security. He joined in January 2002 to lead RSA Security's Federal Operation, bringing with him more than 17 years of experience providing large-scale security, software, and data communication systems to the US government and commercial enterprises. Prior to RSA he was CEO and founder of MetrixPoint, a software development company focused on "real-time forecasting." Before founding MetrixPoint, Mr. Michaels was Vice President of Alcatel Federal, a global internetworking company, where he led revenue growth over a five-year period from zero to over \$40M annually. Mr. Michaels also served in various technical and management positions with 3Com Federal, ODS and CSGI. He graduated with a BSEE from State University of New York at Buffalo.

## **Lynette I. Millett**

Lynette I. Millett is a program officer and study director with the Computer Science and Telecommunications Board (CSTB) of the National Academies in Washington, D.C. She is currently involved in several CSTB projects including a comprehensive exploration of privacy in the information age and a study on certification and dependable software systems. Ms. Millett recently completed a CSTB project that produced the reports "Who Goes There? Authentication Technologies and Their Privacy Implications" (2003) and "IDs—Not That Easy: Questions about Nationwide Identity Systems" (2002) and ran the study that produced "Embedded, Everywhere: A Research Agenda for Networked Systems of Embedded Computers" (2001). Before joining CSTB, she was involved in research on static analysis techniques for concurrent programming languages as well as research on value-sensitive design and informed consent online. Ms. Millett has a M.Sc. (and is 'abd') in Computer Science from Cornell University along with a B.A. in Mathematics and Computer Science with honors from Colby College. She is a member of Phi Beta Kappa.

## **Peter G. Neumann**

Peter G. Neumann has been at SRI International ([www.csl.sri.com/neumann](http://www.csl.sri.com/neumann)) since 1971, after 10 years at Bell Labs, concerned with computer systems and networks, security, reliability, survivability, safety, and many risks-related issues such as voting-system integrity, crypto policy, social implications, and human needs including privacy. His book "Computer-Related Risks" is based on the ACM Risks Forum ([www.risks.org](http://www.risks.org)), which he moderates. He is a Fellow of the ACM, IEEE, and AAAS, and 2002 recipient of the National Computer System Security Award. Mr. Neumann has taught at Stanford, U.C. Berkeley, and the University of Maryland, and has doctorates from Harvard and Darmstadt. He is a member of the U.S. General Accounting Office Executive Council on Information Management and Technology and the California Office of Privacy Protection advisory council.

## **Alan Paller**

Alan Paller is Director of Research of The SANS Institute, a cooperative research organization he founded in 1992 to deliver graduate-level education to the people who secure and manage important



information systems. In 2002, more than 14,500 security professionals spent at least a week in SANS' intensive educational programs. Mr. Paller is responsible for SANS' research programs, which have reached community-wide consensus on how to secure Windows NT, Windows 2000, LINUX, and Solaris systems as well as Cisco routers, and how to respond to computer security incidents. Together with Franklin Reeder, Alan Paller also founded the not-for-profit CIO Institute, a foundation that funds technology awards programs (the Government Technology Leadership Awards) and fosters sharing of experiences among CIOs in very large organizations.

### **Stephen M. Paroby**

Stephen M. Paroby is Global Partner and Director of Markets for Technology & Security Risk Services (TSRS) at Ernst & Young. He has 30 years of information technology and risk mitigation experience leading the firm's TSRS' global service lines, accounts, industries, sales and marketing activities. Mr. Paroby managed information technology, security, and auditing assignments for a variety of global clients, focusing primarily on improving efficiency through innovative applications of technology, people and process to reduce risk. He has experience in creating scalable, customized, end-to-end solutions from governance and assessment to design and implementation and is currently responsible for the firm's "Digital Risk" initiative, focused on delivering innovative enterprise solutions to clients worldwide.

### **Andrew Patrick**

Andrew Patrick is a Senior Scientist at the Institute for Information Technology, National Research Council of Canada. He is currently conducting research on the human factors of privacy protection, computer interface issues for trustable software agents, the human factors of security systems, and advanced videoconferencing services. Prior to joining NRC in 2001, Mr. Patrick worked at Nortel Networks where he managed research and development groups focused on Voice Over IP (VoIP) quality, and conducted field research to evaluate new product and service concepts. Mr. Patrick holds a Ph.D. in Cognitive Psychology from the University of Western Ontario. For more information see [www.andrewpatrick.ca](http://www.andrewpatrick.ca).

### **Stephanie Perrin**

Stephanie Perrin is a consultant in privacy and information policy issues, providing advice to industry and government in the practical implementation of data protection policies and procedures. She is the former Chief Privacy Officer of Zero-Knowledge, the first CPO in Canada, and has been active in a number of CPO associations. Ms. Perrin was instrumental in developing Canada's privacy and cryptography policies for over fifteen years. Formerly the Director of Privacy Policy for Industry Canada's Electronic Commerce Task Force, she led the legislative initiative at Industry Canada that resulted in the Personal Information Protection and Electronic Documents Act, privacy legislation that came into force in 2001 and has set the standard for private sector compliance. Ms. Perrin is the principal author of a text on the Act, published by Irwin Law.

### **Lawrence A. Ponemon**

Lawrence A. Ponemon is the chairman and founder of Ponemon Institute, which is dedicated to advancing ethical information and privacy management practices in business and government. Mr. Ponemon is a pioneer in the development of privacy auditing and risk management. He has extensive experience in establishing self-regulatory frameworks for privacy compliance in the U.S., Canada, the EU, Hong Kong and other nations. In addition, he has served as an appointed member of the Advisory Committee for Online Privacy for the U.S. Federal Trade Commission. Previously, Mr. Ponemon was the global managing partner of compliance risk management at PricewaterhouseCoopers.

### **Richard Purcell**

Richard Purcell is the CEO of Corporate Privacy Group, an independent privacy consulting practice focused on policy-driven data management in large and mid-size organizations. Formerly, Mr. Purcell established and held the position of Corporate Privacy Officer at Microsoft. Through his practical experience in developing and managing Microsoft's world-wide privacy program, Mr. Purcell has developed a unique perspective on the complex area of business strategy, information management, technology, and consumer trust. Corporate Privacy Group provides consultative, staff training, program development, and educational services to promote consumer and employee data protection and privacy.

### **Franklin S. Reeder**

Franklin S. Reeder writes, consults and teaches on information policy and public management issues with The Reeder Group, a firm he formed after a career of more than 35 years in public service. His column on managing technology appears in *Government Executive* magazine, where he is a contributing editor. Mr. Reeder is chairman of the Center for Internet Security, a not-for-profit established "to help organizations around the world effectively manage the organizational risks related to information security ..." [<http://www.cisecurity.org>]. He also chairs the Information Security and Privacy Advisory Board of the National Institute of Standards and Technology, a federal advisory committee [<http://csrc.nist.gov/csspab/>]. Mr. Reeder served at the U.S. Office of Management and Budget where he was chief of information policy, deputy associate director for veterans affairs and personnel, and assistant director for general management. Among his accomplishments while a member of the information policy staff and later as its chief, he represented the Administration in negotiating and securing enactment of the Privacy Act of 1974 and the Computer Security Act of 1987 and wrote the guidelines on implementing the Privacy Act.

### **Philip R. Reitinger**

Philip R. Reitinger is a Senior Security Strategist with Microsoft Corporation's Trustworthy Computing Security Team. The Trustworthy Computing initiative at Microsoft is a long-term, company-wide initiative to promote the values of reliability, security, privacy, and business integrity. Before joining Microsoft in January 2003, he was the Executive Director of the Department of Defense's Cyber Crime Center, and the Deputy Chief of the Computer Crime and Intellectual Property Section of the Criminal Division of the Department of Justice. Mr. Reitinger is the former Chair of both the Group of Eight's High-Tech Crime Subgroup and the National Cyber Crime Training Partnership's Vision and Policy Committee.

### **Howard A. Schmidt**

Howard A. Schmidt was recently named as Vice President of Security at eBay after retiring from the White House as the Special Advisor to the President for Cyberspace Security. Prior to his White House appointment, Mr. Schmidt was the Chief Security Officer at Microsoft Corporation. He was in public service for 31 years, working in local law enforcement, the Department of Justice, and the Department of Defense, including as Director of Computer Crime and Information Warfare for the Air Force Office of Special Investigations, HQ. Mr. Schmidt served as the President of the Information Systems Security Association, (ISSA), and was the first president of IT-ISAC (the IT-Information Sharing and Analysis Center). He is an Adjunct Professor at the University of New Haven, providing a graduate certificate course in Forensic Computing. Mr. Schmidt holds a Bachelors degree in Business Administration and Masters Degree in Organizational Management.

## **Ari Schwartz**

Ari Schwartz is an Associate Director of the Center for Democracy and Technology (CDT). His work focuses on defending and building privacy protections in the digital age by advocating for increased individual control over personal information. Mr. Schwartz is a leading expert on the issue of privacy on government Web sites and has testified before Congress and executive branch agencies on the issue. He was named to the 2003's Federal 100 — the top executives from government, industry and academia who had the greatest impact on the government information systems community over the past year. Mr. Schwartz is the Chair of the World Wide Web Consortium's Platform for Privacy Practices (P3P) Policy and Outreach Working Group.

## **Richard M. Smith**

Richard M. Smith is an Internet consultant based in Cambridge, Massachusetts. He works primarily with the media, policy makers, and law enforcement to interpret Internet technologies. Mr. Smith has more 25 years of experience in the computer software field. He is also the former president of Phar Lap Software and the former Chief Technology Officer of the Privacy Foundation.

## **Tony Stanco**

Tony Stanco is the founding Director of the Washington-based Center of Open Source & Government ([www.egovos.org](http://www.egovos.org)). He also is the Associate Director of the Cyber Security Policy and Research Institute of The George Washington University, working on Open Source and eGovernment. Mr. Stanco works with both the civilian and military sides of the Federal government on Open Source policy and software development, with a particular emphasize on cyber security. Prior to joining The George Washington University, he was a senior attorney at the Securities and Exchange Commission in the group that regulates the Internet and software industry. Mr. Stanco has an LL.M. from Georgetown University Law Center and is licensed as a lawyer in New York.

## **Brian Tretick**

Brian Tretick is a Principal in Ernst & Young for Privacy Assurance and Advisory Services. He leads many of the firm's leading privacy-related engagements, and has authored the Ernst & Young P3P Dashboard since August 2002 ([www.ey.com/privacy](http://www.ey.com/privacy)). He has over 15 years of experience providing privacy, data protection, and information security advice and engineering services, focusing the last 5 years on privacy and data protection for online, financial, and global businesses. Mr. Tretick is a member of the AICPA Privacy Task Force ([www.aicpa.org/innovation/baas/ewp/homepage.htm](http://www.aicpa.org/innovation/baas/ewp/homepage.htm)), the Board of Directors for Privacy & American Business ([www.pandab.org](http://www.pandab.org)), and the Institute for Electrical and Electronics Engineers.

## **Christine Varney**

Christine Varney, a partner at Hogan & Hartson LLP in Washington, D.C., leads the firm's Internet Law Practice Group, providing advice in privacy, business planning and corporate governance, intellectual property and general liability issues. She also provides antitrust, competition policy, and regulatory advice to a variety of companies. Prior to joining Hogan & Hartson, Ms. Varney served as a Federal Trade Commissioner from 1994-1997 as well as serving as Assistant to the President and Secretary to the Cabinet in the Clinton Administration from 1992-1994.

## **Michael Weider**

Michael Weider is the Founder, Chairman and CTO of Watchfire Corporation. Since its founding in 1996, Watchfire has grown into a leading provider of Website management software solutions that helps customers comply with Quality, Accessibility and Privacy standards. Watchfire customers include many of the world's largest sites, including over 50% of the Fortune 500. In working with these companies, he has gained experience into the best practices of how to use technology to assist with Web privacy management. Prior to Watchfire, Mr. Weider was a co-founder of Quadrillion Corporation. He holds a B.S. in engineering from Queens University.

## **Daniel Weitzner**

Daniel Weitzner is director of the World Wide Web Consortium's Technology and Society activities. He is responsible for development of technology standards that enable the web to address social, legal, and public policy concerns such as privacy, free speech, protection of minors, authentication and identification. Mr. Weitzner was a founding member of the ICANN Protocol Supporting Organization and is now a member of the ICANN Nominating Committee and Technical Liaison Group. Before joining the W3C, he was co-founder and Deputy Director of the Center for Democracy and Technology, an Internet civil liberties organization in Washington, DC. He was also Deputy Policy Director of the Electronic Frontier Foundation. He has a degree in law from Buffalo Law School, and a B.A. in Philosophy from Swarthmore College. His publications on communications policy have appeared in the Yale Law Review, Global Networks, MIT Press, Computerworld, Wired Magazine, Social Research, Electronic Networking: Research, Applications & Policy, and The Whole Earth Review. Mr. Weitzner is also a commentator for NPR's Marketplace Radio.

## **Michael Willett**

Michael Willett is a Security and Privacy Consultant. He received his bachelor's degree from the US Air Force Academy and his Masters and Ph.D. degrees in mathematics from NC State University. After a career as a university professor of mathematics and computer science, Mr. Willett joined IBM as a design architect, later moving into IBM's Cryptography Competency Center. After retiring from IBM, he joined Fiderus, a security and privacy consulting practice (later bought by EDS). Subsequently, he accepted a position with Wave Systems helping to design programmable cryptographic chips and trust assurance networks that are used in the deployment of smart card technologies. His areas of expertise include: smart cards, identity management systems, security algorithms and protocols, privacy technologies, and external security and privacy standards. Mr. Willett is also chair of the Privacy Framework Project of the International Security, Trust, and Privacy Alliance, developing an operational framework for converting the fair information practices into privacy services and mechanisms.

## **Vic Winkler**

Vic Winkler has over 20 years of experience in Information Security (INFOSEC), information systems design, operations, implementation, and testing. He is a published researcher in INFOSEC, and an expert in intrusion/anomaly detection in complex systems. Currently, on the staff of the Public Sector Area (PSA) at Sun Microsystems, he is responsible for information security throughout PSA for US DoD, Federal, Homeland Security, and State and Local. He frequently serves as the Sun representative for industry groups or Government/Industry Committees. Mr. Winkler is on the Sun-wide Security Strategy Team (SST) as well as on several of its subgroups. He is the Chairman of the Board for the Sun Security Ambassadors.

## **Nathaniel C. Wood**

Nathaniel Wood is the Deputy Director of the FTC's Office of Consumer and Business Education (OCBE). Education is a key tool to prevent consumer injury. Through publications, websites, and media outreach, OCBE reaches tens of millions of consumers and business people each year with useful, plain-language information about dozens of consumer protection topics. Mr. Wood is one of the creators of the FTC's website - [www.ftc.gov/infosecurity](http://www.ftc.gov/infosecurity) - featuring Dewie, the e-turtle, as well as relevant consumer and business information (in English and Spanish) on security, e-commerce, spam, online privacy, children's online privacy, and identity theft.