EMAIL AUTHENTICATION SUMMIT
November 9-10, 2004

BIOS

Dawn Rivers Baker

Dawn Rivers Baker is the President/CEO of Wahmpreneur Publishing, Inc. and Editor/Publisher of its flagship publication, *The MicroEnterprise Journal.* Ms. Baker's expertise on microbusiness demographics and policy earned her the 2003 Small Business Journalist of the Year award from the U.S. Small Business Administration (SBA), Syracuse (NY) District, and she currently serves as a member of the SBA's steering committee on home-based businesses. She is also the author of several books, including the online microbusiness guild E-Commerce for the Unfunded (2001), and has been quoted in articles in *CBS Marketwatch* and Entrepreneur's *Be Your Own Boss* magazine.

Duane L. Berlin, Esq.

Duane L. Berlin has served as the Council of American Survey Research Organizations' (CASRO) General Counsel for the past six years and is a member of CASRO's Government and Public Affairs Committee Directorate. Duane is the Principal and Managing Attorney of Lev & Berlin, P.C., a Connecticut based law firm. Having represented survey research companies and trade associations for the past 20 years, Duane is an expert in survey research regulation and privacy law, as well as commercial and corporate legal issues affecting the research industry. Duane also currently serves as legal counsel to the American Association for Public Opinion Research as well as more than a dozen leading survey research companies. In 1980, Duane served in the White House as assistant to Timothy Muris, then Deputy Counsel to the Vice Presidential Task Force on Regulatory Relief. Duane is the founder of the Fairfield County Regional Bar Association Privacy Law Committee and a member of the International Association of Privacy Professionals as well as the Fairfield County Regional, Connecticut and American Bar Associations. Duane is a graduate of Brandeis University and the University of Miami School of Law and completed additional studies at Harvard's John F. Kennedy School of Government.

Elizabeth Bowles

Elizabeth Bowles became President of Aristotle.Net Inc. in June of 2003. She is responsible for the company's direction and vision, as well as constructing its business plan. Elizabeth graduated summa cum laude from the University of Arkansas at Little Rock and went on to receive her law degree from the Vanderbilt University School of Law in 1993, where she was first in her class. Following law school, Elizabeth clerked for Richard S. Arnold, then Chief Judge of the United States Court of Appeals for the Eighth Circuit. Following her judicial clerkship, she was an attorney with the Washington, DC, law firm Arnold & Porter, where she practiced in the fields of intellectual property and commercial litigation with an emphasis on international and technology law.

Scott Bradner

Scott Bradner has been involved in the design, operation and use of data networks at Harvard University since the early days of the ARPANET. He was involved in the design of the Harvard High-Speed Data Network (HSDN), the Longwood Medical Area network (LMAnet) and NEARNet. He was founding chair of the technical committees of LMAnet, NEARNet and CoREN. Mr. Bradner served in a number of roles in the Internet Engineering Task Force (IETF). He was the co-director of the Operational Requirements Area (1993-1997), IPng Area (1993-1996), Transport Area (1997-2003) and Sub-IP Area (2001-2003). He was a member of the IESG (1993-2003) and was an elected trustee of the Internet Society (1993-1999), where he still serves as the Secretary to the Board of Trustees. Scott is also a trustee of the American Registry of Internet Numbers (ARIN). Mr. Bradner is a University Technology Security Officer in the Harvard Office of the Provost. He tries to help the University community deal with privacy and security issues. He also provides technical advice and guidance on issues relating to the Harvard data networks and new technologies to Harvard's CIO. He founded the Harvard Network Device Test Lab, is a frequent speaker at technical conferences, a weekly columnist for *Network World*, and does a bit of independent consulting on the side.

Hans Peter Brondmo

Hans Peter Brondmo has spent his career at the intersection of technology innovation and empowering consumers. He is a successful serial entrepreneur, a recognized thought leader and the best selling author of "The Eng@ged Customer: The New Rules of Internet Direct Marketing." Brondmo is a sought after commentator and speaker on topics ranging from email, spam, electronic fraud and privacy, to the impact of technology on how businesses engage with their customers. He is frequently featured in the media and has testified at two US Senate hearings on Internet privacy and spam. Brondmo co-authored the influential Project Lumos white-paper proposing to establish accountable email through authentication. He sits on the boards of TRUSTe, Loyalty Matrix, and Goodmail Systems.

Scott Brown

Scott Brown is the CTO of ColdSpark, and a leading pioneer in email infrastructure technology and email security solutions for global networks. Scott is the inventor of the SparkEngine, the world's most powerful and extensible mail transport agent (MTA), the author of numerous patents in email technology and a direct advisor to many Fortune 500 companies on email networking, security and compliance. Scott is also a member of the Message Authentication Signature Standards BOF of the IETF, a contributor to the RIXML standards group for the global financial services industry and a thought-leader in the evolution of email technology and electronic messaging systems.

Paula Bruening

Paula Bruening is Staff Counsel for the Center for Democracy and Technology (CDT), where she specializes in consumer privacy and free expression issues. Before joining CDT, Ms. Bruening was Director of Compliance and Policy for TRUSTe, the online privacy seal program. From 1996 until 1999, she served as Senior Attorney-Advisor for the Office of Chief Counsel, National Telecommunications and Information Administration, US Department of Commerce and worked closely with the White House on the Administration's e-commerce policy. Ms. Bruening began her career in information policy at the US Congress Office of Technology Assessment, where she participated in studies on encryption, intellectual property and privacy. She earned her law degree from Case Western Reserve University School of Law.

William E. Burr

William E. Burr is the manager of the National Institute of Standards and Technology (NIST) Security Technology Group, which is responsible for Federal Information Processing Standards for Cryptography. He is a member of the Advanced Encryption Standard (AES) team and Chairman of the Federal Public Key Infrastructure Technical Working Group. Bill is now heavily involved in the Federal E-Authentication initiative and is one of the authors of NIST Special Publication 800-63, Electronic Authentication Guideline, which provides guidance to Federal agencies implementing E-Government services through the Internet. He has done research in the measurement of computer instruction set architecture, and, since joining NIST in 1978, has worked to develop standards for computer peripheral interfaces, high speed networks and security. Bill was the Chairman of the X3T9.2 standards committee that developed the Small Computer Systems Interface (SCSI), and since 1990, when he became a member of the NIST Computer Security Division, he has worked on Public Key Infrastructure and Encryption standards.

Daniel Burton

Daniel Burton is Vice President of Government Affairs for Entrust, Inc. Prior to joining Entrust, he was Vice President for Government Relations for Novell and President of the Council on Competitiveness. Mr. Burton has testified several times before Congress, edited three books, written numerous articles on technology policy and lectured widely in the US and overseas. He holds an MA in political economy from Columbia University, a BA from the University of Pennsylvania and a Diplome de Langue et Civilisation Francasies from the Sorbonne. He is a member of the Council on Foreign Relations and a board member of the Corcoran Museum.

Des Cahill

Des Cahill is the CEO of Habeas Inc. He has managed marketing, sales and operations for some of America's best known technology companies — Apple Computer, America Online, Netscape — as well as several start-up companies — Autonomy, BridgeSpan and eFax.com.

Mike Chadwick

With 10 years of computer science and senior management experience, Mike Chadwick has been instrumental in growing Go Daddy Software, Inc.'s development organization to a group of more than 80

senior software and QA professionals. Under Mr. Chadwick's leadership, Go Daddy has developed and launched 11 new applications, including a PKI application, built from scratch, that allows Go Daddy to be one of the few public Certificate Authorities in the world. Prior to joining Go Daddy in October of 2002, Mr. Chadwick was the Lead Systems Architect for a division of National Computer Systems, later acquired by Pearson LLC, and a Lead Software Engineer for Motorola.

Scott Chasin

Scott Chasin is a leading visionary in the messaging industry, having pioneered the development and marketing of Internet messaging and collaboration technologies. Mr. Chasin is credited with launching the first Web-based email consumer service, delivering the first IP-based, commercially hosted messaging service, creating and moderating the first full-disclosure security discussion list, Bugtraq, and contributing to the creation of the first open-source, one-time password system, S/Key.

Sana D. Coleman

Sana D. Coleman is a staff attorney with the FTC's Bureau of Consumer Protection, Division of Marketing Practices, where she is responsible for various matters concerning spam, phishing, and consumer protection. In 2004, she assisted with the preparation of the FTC's Do Not Email Registry Report to Congress and served as a panelist for the "*Phishing in International Waters*: *Law Enforcement and Regulatory Responses to Online Identity Theft*" panel held during the American Bar Association's Annual Meeting. She is also co-organizer of the FTC/ NIST Email Authentication Summit. Prior to joining the Commission, Ms. Coleman was an associate with the law firm of Arent Fox PLLC, where she specialized in telecommunications and intellectual property law. Ms. Coleman received her law degree from Georgetown University Law Center and her undergraduate degree from Duke University. Ms. Coleman is admitted to practice in the District of Columbia and serves on the Steering Committee for the DC Bar's Computer and Telecommunications Law Section.

Tripp Cox

Tripp Cox is the Chief Technology Officer and Vice President of Technology for EarthLink. Tripp leads the company's efforts at evaluating and testing new identity and reputation protocols for email authentication, including IP-based and cryptographic authentication standards. Tripp and his team are responsible for keeping EarthLink ahead of the technology curve, developing technology strategies for product

development and for EarthLink's enterprise systems, networks and data center operations in order to expand the company's capabilities and optimize its cost structure. In addition, Tripp is co-chair of the Technological Subcommitee of MAAWG, the Messaging Anti-Abuse Working Group, an industry coalition of technology and communications companies working to eradicate spam, viruses and other forms of messaging abuse. Prior to his role as EarthLink's CTO, Tripp served as EarthLink's Vice President of Engineering. In this capacity, he and his team delivered industry-leading robust and scalable services platforms, which support EarthLink's most visible products and services, including TotalAccess® 2004, EarthLink Accelerator™, spamBlocker, Pop-Up Blocker℠, Spyware Blocker and ScamBlocker™. Tripp is an active member in the Technology Association of Georgia and the Information Management Forum.

Dave Crocker

Dave Crocker has been developing internetworking technologies for more than 30 years, including standards for email, EDI, facsimile, security and ecommerce, embodied in more than 45 IETF Requests For Comments (RFCs). He has led development efforts to produce TCP/IP, OSI, network management and knowledge management products and services. Mr. Crocker is a co-recipient of the 2004 IEEE Internet award for his work on email.

Brian Cunningham

Brian Cunningham completed his graduate work at the University of Virginia within the School of Engineering, the McIntire School of Commerce, and the Darden School of Business and was published five times by the Darden Graduate School of Business. Mr. Cunningham's technology experience has ranged across all aspects of the modern enterprise, from data mining and heuristic development, to internet and application development, as well as R&D for new product deployment. Mr. Cunningham has been focused within the email fraud arena and the Message Level Protocol for over two years.

Stephen Currie

Stephen Currie is the Director of Product Management for Communication Products for EarthLink. In this role, Stephen is responsible for the EarthLink's mail clients, overseeing the development and implementation of email products such as EarthLink spamBlocker, a permission-based system that lets consumers block virtually 100 percent of spam from their inbox. Stephen also manages other mail features, including many of the anti-spam initiatives.

Hadmut Danisch

Hadmut Danisch graduated with a diploma in computer science at the University of Karlsruhe, Germany in 1994. He continued as a graduate research assistant at the European Institute for System Security and worked on network and communication security, cryptography, problems of governmental surveillance of telecommunication, privacy, organizational security, its applications on email and other Internet services, and early firewall implementations. Part of his work was to analyze clinical computer networks and security requirements in clinical environments, and he delivered an expert opinion about it to the German government. In 1998 Hadmut Danisch left the University and became a senior security consultant at Xlink, the first German Internet provider, which became KPNQwest in 2000, and where he secured a nuclear power plant computer network, gave talks, and secured company networks in several European countries and the USA. In 2002 he developed and published the anti-spam and sender authorization technology RMX, which inspired the Anti-Spam Research Group and initiated the further development of mail authentication and authorization mechanisms, e.g. the IETF MARID group. SPF, CallerID, and SenderID are designated sender schemes, like RMX. Since 2003, Hadmut Danisch has been working as a security expert for SHD Dresden, Germany. In 2004 he initiated the standardization of Internet access points in Germany. He also engages in privacy and communication law.

Pavni Diwanji

Pavni Diwanji is a seasoned entrepreneur and executive, and engineer by trade, committed to ensuring that the medium of email remains a productive and effective communications tool. In her role at MailFrontier, Diwanji is often called on by media, and industry and government bodies to contribute her expertise on email security issues. Prior to MailFrontier, she managed the Subscriber Products Division at Excite@Home, which included email and instant-messaging groups that serviced 4 millions subscribers. Diwanji spent the early part of her career at Sun Microsystems, where she spearheaded development of the Java Server effort and the first email messaging appliance; she is well-known for the invention of servlets. Diwanji completed her undergraduate studies at Gujarat University and received a master's degree in computer science from Stanford University.

Donna F. Dodson

Donna F. Dodson is a Senior Computer Scientist in the Security Technology Group at the National Institute of Standards and Technology (NIST). She is currently working in the areas of authentication and cryptography. Donna recently worked at the Social Security Administration as the Director of the Center for Business Application Technologies. Prior to this, Donna was the Group Manager of the Security Technology Group at NIST managing programs in the areas of cryptographic standards including the Advanced Encryption Standard, key management, PKI, and security testing.

Sheryl L. Drexler

Sheryl L. Drexler is an Investigator with the FTC's Bureau of Consumer Protection, Division of Marketing Practices. Her work at the FTC focuses on technology issues, including spam and Internet investigations. Ms. Drexler helped coordinate the 2003 FTC Spam Forum and is a co-organizer of the FTC/NIST Email Authentication Summit. She helped prepare the FTC's Do Not Email Registry Report to Congress earlier this year. Ms. Drexler has trained FTC staff, members of the Spam Task Force, and other law enforcement officials worldwide on Internet fundamentals and in using evidence capture software and Internet investigation techniques. In 2003, Ms. Drexler gave a presentation on Internet Investigations at the International Consumer Protection and Enforcement Network's (ICPEN) Best Practices in International Investigations Conference in Helsinki, Finland. She is a recipient of a 2004 FTC Bureau of Consumer Protection Director's Award for her work in the spam arena. Ms. Drexler graduated with honors from American University.

Arthur Emerson III

Arthur Emerson III has been employed by Mount Saint Mary College (MSMC) for the past 19 years in the capacity of Network Administrator, over which time he has both witnessed and been a part of the transition of the Internet from a research/academic tool into a commercial conduit. His responsibilities include managing a 20+ building fiber-optics backbone, a 300 access point wireless LAN, numerous file and application servers, as well as the institution's web and email facilities. A lot of his time is dedicated to handling appropriate use policy (AUP) and copyright violation reports, dealing with various security threats, and of course trying to stay current on industry trends and issues. With a staff of two people in his department, Arthur Emerson III has plenty of experience dealing with the issues from the perspective of a small college, business, and ISP.

Ray Everett-Church

Called the "dean of corporate privacy officers" by *Inter@ctive Week Magazine*, Ray Everett-Church became the world's first corporate Chief Privacy Officer when he created that position at Internet advertising firm AllAdvantage.com in 1999. Ray currently serves as Managing Member of ePrivacy Consulting (www.eprivacyconsulting.net). Ray is co-author of "Internet Privacy for Dummies", "Fighting Spam for Dummies", and is a co-founder and counsel to the Coalition Against Unsolicited Commercial Email (www.CAUCE.org). Ray holds degrees from George Mason University and The George Washington University School of Law. He is based in Silicon Valley.

Jim Fenton

Jim Fenton is the lead architect for Identified Internet Mail, a proposal for cryptographic message signatures to counter fraudulent email. He is also responsible for defining a number of new initiatives relating to router-based security, which encompasses technologies such as firewall, intrusion detection, address translation, and encryption. In previous roles at Cisco Systems, Inc., Mr. Fenton has managed development efforts relating to VoIP features for service providers, store-and-forward fax, and was a key member of the team that established Cisco in the dial access market.

David Fowler

David Fowler serves as @Once's Director for Deliverability and ISP Relations. In this role, Mr. Fowler leads the @Once Deliverability team in providing active industry representation and leadership and ensuring optimal delivery for all client-managed direct marketing campaigns. Prior to joining @Once, Mr. Fowler held senior management positions in the USA and Europe focused on marketing, product development and sales with such companies as XO Communications, Qwest Communications, KPNQwest, Electric Lightwave, GST Telecom and MCI. Mr. Fowler graduated from Marlyhurst College, Portland, Oregon and has presented at industry events and trade shows representing many issues pertaining to technology, telecom, email marketing and privacy.

Brad Garlinghouse

Brad Garlinghouse joined Yahoo! in March 2003 as Vice President of Yahoo!'s Communications Products. In this role, Brad is responsible for the strategy, management, development, and financial performance of Yahoo!'s communications products and platforms. He is charged with increasing market share and improving user engagement for some of the company's most popular services, including Yahoo! Mail, Yahoo! Messenger, Yahoo! Photos and Yahoo! Communities. He continues to champion making the Internet the most widely used and most valuable global communications network.

Richard Gingras

Richard Gingras is CEO of Goodmail Systems, Inc., the developer of Trusted-Class Email™, a patented email stamping solution that seeks to "restore trust in email." Over the past 25 years, Richard has led pioneering development efforts in online services and new media, including satellite networking for television, data distribution over television, content programming, proprietary and web-based online services, and various platform technologies. Prior to Goodmail, Richard guided many new ventures including Audio Mill (merged into Real Networks), web applications platform provider Laszlo Systems, custom book publisher MyPublisher, and broadband applications platform developer Sugar Media (merged into 2Wire). Between 1996 and 2000, Richard led online service efforts at @Home (which later became Excite@Home <mailto:Excite@Home>) including the broadband and narrowband portal divisions, and most recently as SVP and General Manager of the company's consumer-focused product division, Excite Studios. In the early 90's Richard led the development of the eWorld online service at Apple Computer and in 1979 created the first interactive set top-based news magazine in a partnership with CBS, NBS, and PBS. Richard began his career in television, holding various positions with PBS, KCET/Los Angeles, and NBC during the 1970's.

Frank Gorman

Frank Gorman is a member of the Antitrust/U.S. Trade Regulation Client Service Group in the Washington, DC, office of Bryan Cave, LLP. Mr. Gorman served as a legal advisor to the director of the Federal Trade Commission's Bureau of Consumer Protection from October 2001 to October 2003. From February 1998 until taking that position, he was a litigator in the FTC's Bureau of Consumer Protection, Division of Marketing Practices. Among other duties, Mr. Gorman was a member of the team that advised the director on the FTC's strategy for addressing unsolicited commercial email, or "spam." He represented low-income clients in civil matters as an attorney with the Legal Aid Society of Charleston, WV, for five years prior to joining the FTC.

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John A. Greco, Jr.

John A. Greco, Jr. was named President and CEO of the Direct Marketing Association, Inc. in July 2004. Immediately prior to this, he was co-founder of Greco Enterprises LLC. From 2000 to 2003, he served as President and CEO of the Yellow Pages Integrated Media Association. Between 1996 and 2000, Mr. Greco served as a Marketing Executive at R.R. Donnelley & Sons Company, a world leader in printing and a longtime DMA member company. He spent 19 years — from 1977 to 1996 — at AT&T Corporation, holding a broad range of marketing and business development positions. From 1974 to 1977, Mr. Greco was a design engineer and market and product manager at RCA Company.

Dr. Phillip Hallam-Baker

Dr. Phillip Hallam-Baker has played a leading role in the development of Internet security standards that include XKMS, SAML and Web Services Security. He is a contributor to the Aspen Institute proposal 'The Accountable Net' that identifies authentication, accreditation and consequences as the key means for eliminating spam. An early proponent of authentication based approaches to control spam, his current research focus is the development of complimentary accreditation mechanisms and the development of additional, stronger authentication mechanisms for addressing the problem of phishing. He is chair of the Solutions Evaluation Committee of Anti-Phishing Working Group.

Ryan Hamlin

As general manager of the Safety Technology and Strategy Group, Ryan Hamlin is responsible for coordinating Microsoft Corporation's broad Internet safety efforts to address issues such as anti-spam and anti-phishing for customers through a holistic approach to technology, standards, public policy and enforcement. In this role, Hamlin oversees the technical development of anti-spam technologies offered by Microsoft® products, including MSN®, Outlook® and Exchange.

J. Trevor Hughes

J. Trevor Hughes is an attorney specializing in ecommerce, privacy and technology law. Hughes serves as the Executive Director of the Network Advertising Initiative (the NAI) and the International Association of Privacy Professionals (the IAPP). In his role with the NAI, Hughes leads the NAI's efforts to create manageable standards for industry at the intersection of privacy and technology. He leads the NAI's Email Service Provider Coalition, an organization that is dedicated to developing technological and public policy tools to reduce spam and protect legitimate email. In his role with the IAPP, Hughes leads the world's largest association of privacy professionals.

Carl Hutzler

Carl Hutzler is the Director of Anti-Spam Operations for America Online, Inc. (AOL). His responsibilities include the technical aspects of fighting spam on behalf of AOL's 30 million worldwide members. He and his team provide real-time analysis and response to the spammer threat through a variety of tools and technologies. Mr. Hutzler also has responsibility for the AOL Postmaster team that provides the interface to outside organizations sending email to AOL.

Karl Jacob

Karl Jacob is a three-time entrepreneur and has been building Internet companies since 1992 in roles that span management, technology and marketing. Jacob joined Benchmark Capital as an entrepreneur-in-residence in July 1999, charged with creating the "next big thing." He formed Keen, and was the CEO and President until May of 2002. He is now an advisor to the company. While at Keen, he led the company to be credited as the fastest growing ecommerce company in history taking it from no revenue to sustained revenue and membership growth. The company has grown quarterly revenue sequentially since inception doing $1 million a week in transactions and is on a clear path to near-term profitability. Prior to Keen he spent two years as a Microsoft executive, following Microsoft's acquisition of Dimension X where he was founder and CEO.

David Kaefer

David Kaefer is responsible for the development and marketing of out-bound intellectual property licensing programs for Microsoft. In his six years at the company, Mr. Kaefer has frequently played a central role in rethinking key assumptions about how the company makes its intellectual property assets available through licensing for Microsoft partners, customers and competitors. In 2003, Mr. Kaefer led a company-wide effort to craft an Intellectual Property licensing policy that articulates Microsoft's commitment to opening its intellectual property portfolio for licensing on commercially reasonable terms. His other notable accomplishments include launching the Microsoft Shared Source initiative, a set of programs that makes source code for popular products available to third parties, and the launch of Microsoft's Office XML Schema licensing program, which provides companies the opportunity to build applications that interoperate in rich, new ways

with documents created in Microsoft Office. Mr. Kaefer has a background in business development, corporate communications and government affairs. He is a graduate of the University of Virginia, earning BA degrees in Economics and International Affairs.

Bill Karpovich

Bill Karpovich is responsible for marketing and strategy for Port25 Solutions, Inc., a leading commercial email infrastructure company focused on enabling the adoption of accountable email practices. Since 1996, Bill has been dedicated to building products and services that help large organizations make better use of the Internet. Prior to Port25, Bill held executive positions with Digex, Inc. and USinternetworking, Inc. where he led product and market development for the market's first web hosting services and ASP service offerings. Prior to this, Bill was a systems architect for Accenture, where he led the design and development of next generation information systems for large telecommunications service providers. Bill is a member of Phi Beta Kappa and holds a degree in Electrical Engineering from Duke University.

Harry Katz

As a program manager in the Safety Technology and Strategy Group, Harry Katz is responsible for developing and implementing Microsoft's industry collaboration strategies related to Internet safety technologies including anti-spam and anti-phishing. Harry has an extensive background in email systems, having spent 7 years as a program manager for Exchange Server, Microsoft's messaging and collaboration server product.

Barry Leiba

Barry Leiba has worked at IBM since 1977, and on Internet messaging at the IBM Thomas J. Watson Research Center since 1991, as the chief architect for email server work. He has been a participant in email-related standards work with the Internet Engineering Task Force (IETF) since the mid-1990s. He is currently doing anti-spam work at IBM Research, and is involved with the IETF work on anti-spam.

Commissioner Jonathan Leibowitz

Jonathan Leibowitz joined the Federal Trade Commission from the Motion Picture Association of America, where he served as vice president for congressional affairs from 2000 to 2004. Prior to his position at the MPAA, Leibowitz was the Democratic chief counsel and staff director for the U.S. Senate Antitrust Subcommittee from 1997 to 2000, where he

focused on competition policy and telecommunications matters. He served as chief counsel and staff director for the Senate Subcommittee on Terrorism and Technology from 1995 to 1996 and the Senate Subcommittee on Juvenile Justice from 1991 to 1994. In addition, he served as chief counsel to Senator Herb Kohl from 1989 to 2000. Leibowitz worked for Senator Paul Simon from 1986 to 1987 and as an attorney in private practice in Washington, DC, from 1984 to 1986. A Phi Beta Kappa graduate of the University of Wisconsin with a BA in American History (1980), Leibowitz graduated from the New York University School of Law in 1984. He is a member of the District of Columbia Bar, and has co-authored amicus briefs before the U.S. Supreme Court on issues ranging from gun control to the census.

John R. Levine

John R. Levine has been writing and consulting on email and the Internet for over a decade, and is the primary author of the best-selling "Internet for Dummies" and many other books. He is a board member of the Coalition Against Unsolicited Commercial Email (CAUCE). Since 2003 he has chaired the Anti-Spam Research Group (ASRG).

R. David ("Dave") Lewis

Dave Lewis drives Digital Impact's email deliverability program, works closely with clients to shore-up their email marketing practices and serves as their advocate to the ISPs. He's also heavily engaged with the Email Service Providers Coalition (ESPC) and co-chairs the committee that evaluates new reputation systems. Dave is a 20-year direct marketing veteran and recognized industry thought-leader on email marketing, deliverability and best practices, and has frequently spoken and written about the challenges facing today's emarketers.

Miles Libbey

Miles Libbey is a Product Manager at Yahoo! Inc. where he leads Yahoo! Mail's anti-spam initiatives. Libbey is responsible for the effectiveness of the SpamGuard filtering technology as well as oversees development and implementation of all anti-spam features. As Yahoo! Mail's anti-spam specialist, Libbey is leading Yahoo!'s industry efforts to protect email users from spam. During his tenure at Yahoo!, Libbey has helped to launch a variety of initiatives for Yahoo! Mail including enhanced SpamGuard in March 2003 and Yahoo! Mail's first re-design in June 2002.

Fred Lindberg

Fred Lindberg is Chief Technology Officer for CheetahMail, and has more than two decades of experience in developing applications for broadcast email services. Since joining CheetahMail as CTO in 2000, Fred has rebuilt and reshaped CheetahMail's broadcast email service platform and facilitated adoption of both the Sender-ID and SPF authentication processes. He participates with nearly every industry and technical discussion group, including the Email Service Provider Coalition and is the author and previous maintainer of the ezmlm-idx mailing list management package. Fred received his MD and PhD in Microbiology from Umeå University in Sweden in 1987 and was with Washington University in St. Louis, MO, since 1990 (Fellow in Infectious Diseases), and 1995 (Assistant Professor of Medicine and Molecular Microbiology).

Howard Lipper

Howard Lipper's work focuses mainly on the legal issues concerning the use of technology related regulation including records retention, spam, communications, information security, and privacy considerations. Additional areas of focus include technology licensing, counseling in relation to e-commerce relationships, negotiation of strategic relationship agreements, and substantial responsibility for the Firm's web services for institutional clients. His internal clients include the Firm's business units across its three main divisions (institutional securities, retail brokerage, and Discover Financial Services) as well as the Firm's Information Technology resources. Howard was the legal advisor to an SIA committee that demonstrated the successful use of commercially available digital signature tools between industry members. Howard graduated from Hofstra University School of Law in 1985, and SUNY Albany in 1982.

Fran Maier

Fran Maier, TRUSTe's Executive Director and President, is well known for her expertise in industry online marketing best practices. She has extensive experience building online brands as a co-founder of Match.com, VP of Marketing for Women.com, and VP of Marketing for Kmart's BlueLight.com subsidiary. Ms. Maier has been the guiding force behind TRUSTe's work as the leading ITA for email. Ms. Maier holds a BA and MBA from Stanford University.

Chairman Deborah Platt Majoras

Deborah Platt Majoras was sworn in on August 16, 2004, as Chairman of the Federal Trade Commission. Majoras joined the FTC from Jones Day in Washington, DC, where she served as a partner in the firm's antitrust section. While at Jones Day, she worked on a variety of antitrust counseling and civil and criminal litigation matters, including mergers and acquisitions, monopolization, price-fixing, distribution issues, and governmental investigations. Majoras also was a member of the firm's technology issues practice and has participated in a variety of non-antitrust commercial disputes and criminal cases, including fraud, securities violations, and employment discrimination. In April 2001, Majoras was appointed deputy assistant attorney general at the U.S. Department of Justice's (DOJ) Antitrust Division. She was named principal deputy in November 2002. During her three-year tenure, she oversaw matters involving numerous industries including software, financial networks, defense, health care, media and entertainment, banking, and industrial equipment. She also served as chair of the International Competition Network's (ICN) Merger Working Group and oversaw policy initiatives such as the FTC/DOJ Health Care Hearings, DOJ's Merger Review Process Initiative, and the Mergers Best Practices Project. She is a frequent speaker on competition policy to national and international audiences.

George P. Mattathil

George P. Mattathil (IEEE Senior Member) is a technologist, inventor and entrepreneur with US and international accomplishments in the telecom and data networking frontiers. Mr. Mattathil has researched strategic technology and industry trends and developed dependable high-impact insights into the future of communications infrastructure. He has published articles, columns and holds patents.

Peter Milla

Peter Milla is a member of the Board of Directors of the Council of American Survey Research Organizations (CASRO) and is co-chair of CASRO's Technology Committee. Peter is Executive Vice President and Chief Information Officer at Harris Interactive. Peter has more than 20 years of experience in a wide range of information technology and survey research activities, applying skills in both computer technology and survey research methods. Peter is an expert in the application of CASIC (Computer Assisted Survey Information

Collection) technologies, including Internet-based Survey Research. Prior to joining Harris Interactive, Peter was Senior Vice President and Chief Information Officer at Roper Starch Worldwide, where he was in charge of all Information Technology activities. Prior to his tenure at Roper Starch, he was on the staff of the National Opinion Research Center (NORC) at the University of Chicago. At NORC, Peter was responsible for managing the data processing activities on research projects for academic institutions and government agencies. Peter holds a BA and MA from Queens College of the City University of New York.

Keith Moore

Keith Moore is a researcher at the University of Tennessee, Knoxville's Innovative Computing Laboratory, specializing in computer networking protocols. He has co-written or contributed to several Internet protocol specifications, including the MIME standard message format and extensions to the Simple Mail Transfer Protocol (SMTP). Between April 1996 and April 2000, he served on the steering group for the Internet Engineering Task Force as one of two co-directors for the Applications Area, supervising development of IETF applications protocol standards, including those for electronic mail and the world wide web.

Dan Nadir

Dan Nadir defines product strategy for FrontBridge Technologies, creating the company's product roadmap, and driving the delivery of its services and technology. He is a noted expert on email authentication standards and has worked to add features such as SPF support to FrontBridge's global network. Prior to joining FrontBridge, Nadir was Director of RealSecure Protection Solutions at Internet Security Systems, Inc. (ISS). In this role, he set strategic direction for ISS' software line, including the intrusion detection and vulnerability assessment products for protecting desktops, servers and networks. Prior to ISS, Dan held technical and management positions with Tivoli Systems and IBM. Dan has a Bachelor's degree in Cognitive Science from the University of California, San Diego.

Annalee Newitz

Annalee Newitz is Electronic Frontier Foundation's (EFF) Policy Analyst. She conducts research, and writes policy recommendations and white papers. Her special areas of interest are expanding the public domain, free speech, and network regulation. Previously, she was Culture Editor at the San Francisco Bay Guardian, and

was the recipient of a Knight Science Journalism Fellowship in 2002. She writes a syndicated column called "Techsploitation" and is published regularly in national magazines and newspapers. She has a PhD in English and American Studies from UC Berkeley.

Margaret Olson

Margaret Olson is Chief Technology Officer and Vice President, Architecture at Constant Contact® , makers of the industry leading permission email marketing solution for small and mid-sized businesses. At Constant Contact, Margaret provides critical technical leadership in setting product and architectural direction while ensuring the delivery of highly reliable and scalable application systems to Constant Contact's more than 20,000 small business customers. Margaret also represents Constant Contact and the interests of small and mid-sized organizations in the Email Service Provider Coalition (ESPC). Co-author of the ESPC's Project Lumos Whitepaper and a recognized authority on email authentication, Margaret currently heads the ESPC's technology committee.

Douglas Otis

Douglas Otis is an associate of Dave Rand, one of the founders of MAPS, for twenty years. At MAPS, R&D consists of email analysis and correlation, and secure next generation name based reputation services, in addition to scaling current infrastructure. Prior work includes system area networks over IP, and patents on IP based bandwidth regulation, principally used in cable modem standards.

Daniel Park

Daniel Park, co-founder of Roam Secure, has worked closely with senior IT and operational leadership at various local and federal agencies to enhance their emergency messaging capabilities. Prior to Roam Secure, Mr. Park was Director of IT at Ecutel, where he was responsible for all in-house IT and worked on IT projects with various customers and partners. Prior to Ecutel, Mr. Park was at the Peace Corps heading up overseas IT efforts.

Clemens Perz

Clemens Perz is heading the IT Department of All About It with Solution-, Software- and Database-Engineering. During and after his studies of Economics at Trier University he was working for a local IT Service Provider as a consultant and a teacher. Mr. Perz was also involved in founding an Internet service portfolio during the mid-1990's in that region. He started his own

company at the end of 1997, he developed individual software products for Luxembourg-based banks, mainly in the fields of management information systems and the fulfillment of administrative reporting requirements.

James A. Powers, Esq.

James A. Powers is an intellectual property specialist, Chief Privacy Officer and holds a Master of Laws degree in Trade Regulation from the National Law Center, George Washington University. After two decades in the private practice of law and after serving as General Counsel and CPO to the world's largest Internet behavior profiling company, he formed Data Rights & Privacy Advisors in 2003 to address the unique legal and policy issues presented by personal data commercialization. Mr. Powers pioneered the "Title Theory of Data" approach to personal information collection that balances the needs of business to have enforceable legal title to data with the rights of individuals' to have reasonable control over their privacy.

Daniel Quinlan

Daniel Quinlan is a SpamAssassin developer and Vice-President, Apache SpamAssassin of the Apache Software Foundation. He works as Anti-Spam Architect at IronPort Systems, an email security provider, and is founder and chairperson of the Free Standards Group, an open source software standards non-profit.

Colleen B. Robbins

Colleen B. Robbins is a staff attorney in the FTC's Bureau of Consumer Protection, Division of Marketing Practices and is co-organizer of the FTC/NIST Email Authentication Summit. Her work includes litigating Internet fraud cases, business opportunity scams and work-at-home cases. During 2002, Ms. Robbins co-coordinated Project Busted Opportunity during which a dozen federal and state law enforcement agencies brought over 70 law enforcement actions against fraudulent business opportunity sellers, including 10 FTC cases. In 2004 she helped prepare the FTC's Do Not Email Registry Report to Congress. Before joining the Commission, Ms. Robbins was an Assistant District Attorney in the Manhattan District Attorney's Office where she served in the Trial Division, Domestic Violence Unit, and Sex Crimes Unit.

Daniel Salsburg

Daniel Salsburg is an Assistant Director in the FTC's Bureau of Consumer Protection, Division of Marketing Practices and has worked at the FTC from 1991 until

1996 and from 2000 until the present. As an Assistant Director, Mr. Salsburg, among other things, supervises investigations of and enforcement actions against illegal spammers. Prior to becoming an Assistant Director, Mr. Salsburg served as a staff attorney in the Division of Marketing Practices where he litigated fraud cases on behalf of the FTC, co-authored a report analyzing false claims in spam, and helped prepare the FTC's Do Not Email Registry Report to Congress. During 2001, Mr. Salsburg served as an Acting Assistant to the Director of the Bureau of Consumer Protection. From 1996 until 2000, Mr. Salsburg served as a Senior Trial Attorney in the Commodity Futures Trading Commission's Division of Enforcement. Mr. Salsburg has taught legal writing classes at the George Washington University Law School and the Law School of the University of Pennsylvania and numerous continuing legal and investigative training programs, including classes for the International Organization of Securities Commissions and the Federal Bureau of Investigations Academy.

Robert Sanders

Robert Sanders is Chief Architect for EarthLink. Robert is one of the technical leads in the company's efforts to develop and test new identity and reputation protocols for email authentication. Robert's responsibilities at EarthLink include managing the technical aspects of the network and mail client, including building and implementing new technology platforms to enhance email and improve the Internet provider's overall infrastructure. He is developing new systems that will enhance EarthLink's ability to deliver Internet and voice over IP services and has led the technical integration of EarthLink's most visible products and services, including EarthLink's email systems and ScamBlocker™ . He has represented EarthLink on industry coalitions aimed at eradicating spam, phishing, and other Internet abuse, such as MAAWG (the Messaging Anti-Abuse Working Group) and ASTA (the Anti-Spam Technical Alliance).

Ron Schnell

Ron Schnell has been a denizen of the Internet/Arpanet since 1978 when he was a staff member at the Massachusetts Institute of Technology. Prior to that, he was a consultant at ITT/Dialcom, a time-sharing company that featured the first version of Email for commercial use. In 1997 he founded MailCall.Com, an email by phone service which was sold in 2000. He is currently Vice President of Technology and Network Relations for the Marketing Services division of Equifax, and lectures for Syracuse University on email and entrepreneurship topics.

Neil Schwartzman

Neil Schwartzman is a founding member and the Chairman of a public advocacy group, the Canadian Coalition Against Unsolicited Commercial Email (CAUCE Canada). He has been involved in anti-spam work since 1995, then managing the anti-spam protection of email systems at Montréal, Canada's Concordia University and publishing the industry journal spamNEWS since 1996. Neil has served on the boards of such organizations as the SpamCon Foundation, Whitehat Interactive and CAUCE International. Presently an appointed member and consultant to the Canadian Federal Government's Ministerial Anti-spam Task Force, he co-chairs the subsidiary Email Authentication & Certification Working Group. Most recently, he formed Cat & Mouse Consulting, an email deliverability and security start-up.

Clay Shields

Clay Shields was born in Washington, DC, and spent much of his childhood living overseas as required by the career of his stepfather, who was a covert agent for the CIA. Clay earned an undergraduate degree in electrical engineering from the University of Virginia, and then joined the U.S. Army. As an infantry officer with the 101st Airborne Division, he served overseas with the peace-keeping force in the Sinai Peninsula, later leaving the Army to return to graduate school. He received his graduate degrees from the University of California at Santa Cruz, and for his dissertation he studied computer networking, particularly multicast routing and network security issues. Clay taught at Purdue for two years, and is now an assistant professor in computer science at Georgetown University, where he studies issues in network security, particularly means of providing individual privacy, methods of locating the source of network attacks, and security in wireless networks.

Commissioner Orson Swindle

Orson Swindle was sworn in as a Republican Commissioner of the Federal Trade Commission on December 18, 1997. In December 2001, Commissioner Swindle was appointed to lead the U.S. Delegation to the Organisation for Economic Cooperation and Development (OECD) Experts Group charged with reviewing the 1992 OECD Guidelines for the Security of Information Systems. Commissioner Swindle served in the Reagan Administration from 1981 to 1989. As Assistant Secretary of Commerce for Development he managed the Department of Commerce's national economic development efforts directing seven offices across the country. Prior to that position, Commissioner Swindle was State Director of the Farmers Home Administration for the U.S. Department of Agriculture financing rural housing, community infrastructure, businesses, and farming. In 1994 and 1996 he was a Republican candidate for Congress in Hawaii's 1st Congressional District. Commissioner Swindle also has had a distinguished military career. As a Marine aviator serving in South Vietnam on November 11, 1966, Commissioner Swindle was shot down from the skies over North Vietnam while flying his 205th and last combat mission. He was captured by the North Vietnamese and held Prisoner of War for the next six years and four months. Commissioner Swindle retired from the U.S. Marine Corps in 1979 with the rank of Lieutenant Colonel. His 20 military decorations for valor in combat include two Silver Stars, two Bronze Stars, and two Purple Hearts. Commissioner Swindle earned a Bachelor of Science degree in Industrial Management from Georgia Tech in 1959 and a Master of Business Administration from Florida State University in 1975.

Craig Taylor

Craig Taylor is responsible for the development activities that keep IronPort at the forefront of innovation and technology. Craig has been a founder and CEO at IMonitoring.com, Inc., a provider of closed-circuit television (CCTV) via the Internet, which was acquired by Clearview Networks in 2001. Craig has also led product development at Geoworks, Inc., held engineering and research positions at Atari, EO/GO, and Sun Microsystems. Craig holds MS and BS degrees in Computer Science from the University of California, Irvine.

Rand Wacker

Rand Wacker has been with Sendmail for over five years. As Director of Product Strategy and Planning, he is responsible for the evolution of their wide range of messaging products. Rand has developed an extensive technical background in distributed network systems at Amazon, Oracle, and UC Berkeley.

Yael Weinman

Yael Weinman is a Legal Advisor for International Consumer Protection at the Federal Trade Commission. Ms. Weinman focuses on international policy issues relating to consumer privacy and law enforcement cooperation against cross-border fraud and deception. Ms. Weinman has served on the United States delegations of various international organizations, including the Asia-Pacific Economic Cooperation (APEC) Electronic Commerce Steering Group and the

Organisation for Economic Co-operation and Development (OECD) Working Party on Information Security and Privacy. Prior to joining the Federal Trade Commission in 2002, Ms. Weinman was the General Counsel at an online retailer. Ms. Weinman earned her law degree from Fordham Law School and her under-graduate degree from the University of Pennsylvania.

Karen J. Wendel

Karen J. Wendel, a recognized financial services business leader, has more than 20 years of experience in financial services, applications development and business management. Her expertise includes international banking, payments, treasury management and transaction processing.

Robb Wilson

Robb Wilson leads Quris's Platform team, comprised of software integration, consulting services, and IS/IT. Wilson brings over 12 years of extensive software development, digital hardware expertise, and management experience.

Meng Weng Wong

Meng Weng Wong first got online and fell in love with email in 1992, before spam. His work with SPF and Sender ID is part of an ambitious plan to restore that golden age. Because spam directly threatens his business, his primary motivation is to end spam for good. He has been told that you can't please everybody, but he tries anyway.

Tonny Yu

Tonny Yu founded Mailshell in 1999 and has grown it to become the leading anti-spam OEM. Prior to creating Mailshell Tonny was the founder and CEO of ComputerESP, the leading price comparison engine on the Internet. Tonny grew the company to profitability before it was acquired by CNET in 1998. Tonny has earned several degrees from Stanford University and holds multiple patents.

Jonathan Zuck

Jonathan Zuck is a widely known and respected leader in the technology industry. As a professional software developer and IT executive with more than 20 years experience, Mr. Zuck brings an insider's perspective to his role as President of the Association for Competitive Technology. Prior to joining ACT, Mr, Zuck served as Director of Technical Services at the Spectrum Technology Group, and served as a consultant to many other software firms, both large and small. He has been called on as a technology expert for the major news networks including CNN, CNBC and ABC, he is a frequent contributor to national and local radio news programs, and is consistently quoted in the trade and popular press.