JOHN B. MORRIS, JR.

- More than twenty-five years of comprehensive experience focused on the full range of Internet, standards, and communications legal and policy issues.
- Extensive experience in First Amendment issues in the online context, including as a lead counsel in *Reno v. ACLU* and other groundbreaking cases.
- Deep technical knowledge about how computers, communications, and the Internet work, and how technical design features and decisions interact with complex policy questions.
- Major policy focuses include privacy, intermediary protection and responsibility, cybersecurity, national security, and intellectual property in the Internet context.
- Significant involvement in communications and national security policymaking processes under two Presidential Administrations.
- Management experience in the private, non-profit, and governmental sectors, building and leading teams and organizations to advance positive outcomes, including as a career member of the Senior Executive Service of the U.S. Government.

EDUCATION

Yale Law School 1983 – 1986

New Haven, Connecticut

J.D. Managing Editor, *Yale Law Journal*, Volume 95, 1985 – 1986. Coordinator, The Initiative for Public Interest Law at Yale, Inc., 1984 – 1985. Publication: "The Rush to Execution: Successive Habeas Corpus Petitions In Capital Cases," 95 *Yale Law Journal* 371 (1985). Degree voted in 1/87

Yale University 1978 – 1981

New Haven, Connecticut

B.A. magna cum laude (Special Major in American Politics and Constitutional History), with Distinction in the Major

PROFESSIONAL EXPERIENCE IN INTERNET POLICY AND LAW

Brookings Institution

June 2019 – present

Washington, D.C.

Nonresident Senior Fellow, Governance Studies, Center for Technology Innovation

National Telecommunications and Information Administration (NTIA) 2011 – May 2019 U.S. Department of Commerce, Washington, D.C.

Associate Administrator, Office of Policy Analysis & Development (OPAD), 2013 – 2019 Acting Associate Administrator, OPAD, 2012 – 2013; Director of Internet Policy, 2011 – 2013 Member, Senior Executive Service, 2013 – 2019

 NTIA is under U.S. law the primary advisor to the President on communication and information policy issues. Within the U.S. Government, NTIA is the only agency focused on the Internet ecosystem as a critical platform for citizen engagement, innovation, and economic growth. Within NTIA, addresses a full diversity of policy

- issues, including cybersecurity, national security, communications regulations, privacy, encryption, intermediary and platform protections and responsibilities, intellectual property, and emerging technologies such as the Internet of Things, artificial intelligence, blockchain, and unmanned aerial vehicles.
- Assembled and developed a high performing and diverse team of policy experts, with J.D.s, Ph.Ds, and other advanced degrees. Led and oversaw work streams on both affirmative initiatives on issues such as privacy, cybersecurity, supply chain, regulatory issues, broadband coverage, intellectual property, and IoT, as well as fast-paced responsive matters that arise within the U.S. Government "interagency" process.
- Doubled the size of the OPAD staff, and significantly expanded the range and scope of policy issues handled by the office. Managed and oversaw all financial and administrative matters involving a \$4.5 million annual budget, extensive bureaucratic procedures and regulations, and oversight over staff.
- Was responsible for extensive high-level engagement across the U.S. Government, including with White House offices such as the National Security Council, the National Economic Council, the Office of Science & Technology Policy, and the Office of the U.S. Trade Representative; with offices within the U.S. Department of Commerce such as the Secretary of Commerce, the National Institute of Standards & Technology, the International Trade Administration, among others; and with numerous other parts of the U.S. Government. Many interagency engagements involved highly sensitive policy issues (often classified) that could have significant impacts on the Internet eco-system.
- Within OPAD, led and oversaw a small subset of staff members who have high security
 clearances and who focus on the full range of classified cybersecurity and national
 security matters (most often in discussions hosted by the U.S. National Security Council).
 NTIA, through OPAD, is the leading representative for the Department of Commerce in
 NSC and other cyber-focused national security discussions.
- Major accomplishments under my leadership of OPAD included:
 - o Drafting & publication of the Obama Administration's Consumer Privacy Bill of Rights as part of a comprehensive blueprint to improve users' privacy protections.
 - As part of the privacy blueprint, development and implementation after extensive stakeholder engagement – an entirely new form of "multistakeholder" policy development processes, focused initially on consumer privacy.
 - Drafting and release of a comprehensive legislative proposal to create "baseline" privacy rules for the United States.
 - Implementation of the multistakeholder approach to policymaking in a diverse set of policy areas including privacy, cybersecurity and intellectual property.
 - Data collection and analysis of the largest extensive data collection about broadband adoption and use in the United States, published under the "Digital Nation" series of publications, and including the Data Central online data visualization tool.
 - o Drafting and publication (with the U.S. Patent and Trademark Office) of the most comprehensive and balanced analysis of copyright issues in the online context.
 - Drafting and publication of an extensive analysis of privacy, security, and other issues raised by the Internet of Things.
 - Extensive engagement with other parts of the U.S. Government to ensure that
 critical policy decisions are made with a full understanding of the impacts they
 may have on the Internet eco-system, including successful engagements on key
 national security decisions within the interagency processes.

Center for Democracy & Technology (CDT)

2001 - 2011

Washington, D.C.

Director, Internet Standards, Technology & Policy Project, 2001 – 2011 General Counsel, 2006 – 2011 Staff/Senior Counsel, 2001 – 2005

- One of the leading Internet and technology policy advocacy groups in the United States, with offices in Washington, San Francisco, and Brussels.
- Established and directed the Internet Standards, Technology & Policy Project, which
 focuses on the public policy impacts of the work of technical standards setting bodies.
 Developed the strategic and operation plan for the project, and collaborated closely with
 foundation funders to educate them on need to better connect the standards communities
 with policy expertise.
- Led implementation of all aspects of the Project, which initially included three major activities: (a) direct engagement in key Internet standard setting bodies to provide expert policy input into standards development decisions, (b) organized dialogues between leaders in the technical and policies communities to promote better understanding of the differing environments, and (c) facilitation of concise and understandable advice from technical experts into public policy proceedings and debates.
- Engaged closely in the work of the Internet Engineering Task Force (IETF) and the
 World Wide Web Consortium (W3C), including attending most meetings, contributing in
 working groups, leading development of standards documents, collaborating with the
 organizations leaderships. Had significant impacts on a range of standards development
 processes and decisions. Lead- or co-author of numerous IETF "RFCs" and other
 standards-related documents (some of which are listed below).
- Served on numerous standards-related program and policy committees, including W3C Advisory Committee, W3C P3P Beyond HTTP Task Force, IETF Workshop on Peer-to-Peer Infrastructure Program Committee, W3C Workshop on Privacy and Data Usage Control Program Committee, and W3C Workshop on Privacy for Advanced Web APIs Program Committee.
- In addition to work on technical standards, served as policy counsel to CDT on a broad range of policy matters involving free speech, privacy, surveillance, cybersecurity, intellectual property, network neutrality, and other Internet public policy issues, including litigation, policy advocacy, and Congressional testimony, with primary responsibility for First Amendment advocacy and litigation.
- Lead counsel in successful First Amendment challenges against U.S. state laws censoring lawful Internet communications, including *CDT v. Pappert*, 337 F. Supp. 2d 606 (Eastern District of Pennsylvania 2004). Lead counsel on numerous *amicus* briefs involving First Amendment, Section 230/intermediary liability, and other issues.
- Lead counsel in major regulatory and appellate opposition to expansion of U.S. wire tapping mandates to broadband Internet providers.
- Served as CDT's General Counsel, responsible for compliance with legal and regulatory obligations, review of all contracts and engagements, manage legal disputes, and coordinated closely with President/CEO and Board of Directors.

Center for Democracy & Technology

1999 - 2000

Washington, D.C.

Director, Broadband Access Project (while on leave of absence from Jenner & Block)

- Developed and directed one-year-long Broadband Access Project, which focused on "open access," the precursor to the "net neutrality" debate. The Project sought to ensure that the openness and innovation seen in the early days of the Internet were carried into the then-emerging broadband Internet.
- Implemented all aspects of the Project, which (as described in its final report) "looked at all forms of broadband access that are emerging as ways to reach the Internet, including cable modems, digital subscriber lines, satellites, and terrestrial wireless services. [The Project] worked closely with a broad cross-section of the Internet, computer, and communications industries, as well as with consumer groups and other interested parties. It ... developed a comprehensive and balanced assessment of where the technology is today, where it can be tomorrow, and what impact the new technology will have on speech and access to content on the Internet." (from "Broadband Backgrounder: Public Policy Issues Raised by Broadband Technology," Center for Democracy & Technology, 2000).

Jenner & Block 1990 – 2001

Washington, D.C.
Partner, 1994 – 2001
Associate, 1990 – 1993

• A leading U.S. law firm with particular expertise in Supreme Court practice, constitutional litigation, and communications matters.

- Conducted trial and appellate litigation focusing on First Amendment and constitutional issues related to the distribution of protected expression, in both online and offline contexts.
- Co-lead counsel in the successful and groundbreaking Internet First Amendment case of *Reno v. ACLU*, in which the U.S. Supreme Court determined that speech on the Internet warrants the high level of protection under the United States Constitution. Managed team of attorneys and paralegals in an intense litigation effort at the trial level. Had primary responsibility for explaining how the Internet works in the court proceedings. Court decisions reported at *Reno v. ACLU*, 521 U.S. 844 (1997) and *ACLU v. Reno*, 929 F. Supp. 824 (Eastern District of Pennsylvania 1996).
- Represented MCI and its senior Internet business and technology leaders on a range of matters related to the development and use of the Internet and other advanced communications networks. Led a team of lawyers to successfully resolve a complex and interlocking series of litigations involving international communications contracts.
- Represented the American Booksellers Association and independent booksellers in major antitrust action against book publishers. Managed massive cross-country legal discovery effort in the case.

ADVISORY COMMITTEES AND TASK FORCES ON INTERNET POLICY MATTERS

Communications Security, Reliability and Interoperability Council II

2009 - 2011

U.S. Federal Communications Commission, Washington, D.C.

Member

Co-chair of Working Group 8 on ISP Network Protection Practices

- CSRIC focused on security and reliability of the communications eco-system.
- Led Working Group 8, which addressed the challenge of "botnets" on the Internet.
- Lead drafter of "Final Report of Working Group 8: Internet Service Provider (ISP) Network Protection Practices," November, 2011.

Online Safety and Technology Working Group

2008 - 2010

National Telecommunications & Information Administration, Washington, D.C. Member

- OSTWG was created by an Act of the U.S. Congress, and addressed child online safety issues.
- Major contributor to the OSTWG final report, "Youth Safety on a Living Internet: Report of the Online Safety and Technology Working Group," June 4, 2010.

Internet Safety Technical Task Force

2008

Berkman Center for Internet & Society, Cambridge, Massachusetts Member

- ISTTF addressed child online safety issues.
- Major contributor to the ISTTF final report, "Enhancing Child Safety & Online Technologies: Final Report of the Internet Safety Technical Task Force to the Multi-State Working Group on Social Networking of State Attorneys General of the United States," December 31, 2008.

Consumer Advisory Committee 3

2005 - 2006

U.S. Federal Communications Commission, Washington, D.C. Member

- CAC provides input to the Federal Communications Commission on a range of issues including rights of users in the Internet context.
- Lead author of "Recommendation on Improving the Effectiveness, Relevance and Visibility of the Consumer Advisory Committee," November, 2006.

ACADEMIC, TECHNICAL AND OTHER PROFESSIONAL EXPERIENCE

Washington College of Law

2011

American University, Washington, D.C. Adjunct Professor, "Cyberlaw"

StopBadware.org

2010 - 2011

Berkman Center for Internet & Society, Cambridge, Massachusetts Member, Board of Directors

Cardozo Law School

2008 - 2009

Yeshiva University, New York, New York Adjunct Professor, "Cyberlaw"

Internet Education Foundation

2009 - 2011

Washington, D.C.

Treasurer

Primary Systems, Inc.

1989 - 1992

Falls Church, Virginia

Member, Board of Directors

Southern Center for Human Rights

1987 - 1990

Atlanta, Georgia Staff Attorney

> Litigated class action prison and jail conditions cases in federal courts across the U.S. South.

Chambers of Judge Thomas A. Clark

1986 - 1987

U.S. Eleventh Circuit Court of Appeals, Atlanta, Georgia

Law Clerk

Intelligent Solutions, Inc.

1984 - 1997

Falls Church, Virginia

Co-founder

Lead Outside Member of the Board of Directors

- Company was (and still is today, under a different name) the leading provider of correspondence and financial management computer systems for U.S. Congressional offices and the federal Executive Branch.
- Co-founded company, which grew from 1 to more than 250 employees and a \$24 million annual budget by the time it was acquired in 1997.
- As member of the Board, oversaw the development and execution of strategic and financial plans of rapidly growing and successful company.

Office of Congressman Bill Nelson

1983

U.S. House of Representatives, Washington, D.C. Staff Assistant

Datatel Minicomputer Company

1981 - 1982

Alexandria, Virginia Software Developer

• Co-led technical development of first turnkey in-office computer system for use in U.S. Congressional offices.

United States Mission to the United Nations

1977

U.S. Department of State, New York, New York Press and Public Affairs Officer.

Office of Congressman Andrew Young

1976 - 1977

U.S. House of Representatives, Washington, D.C. Staff Assistant.

TESTIMONY BEFORE LEGISLATIVE & AGENCY BODIES

(All Testimony and Publications Listed Below are Available upon Request)

Before the U.S. Senate Committee on Commerce, Science, and Transportation, Subcommittee on Aviation Operations, Safety, and Security, on Unmanned Aircraft Systems: Key Considerations Regarding Safety, Innovation, Economic Impact, and Privacy, March 24, 2015.

Before the U.S. House of Representatives Committee on the Judiciary, Subcommittee on Crime, Terrorism and Homeland Security, on Data Retention as a Tool for Investigating Internet Child Pornography and Other Internet Crimes, January 25, 2011.

Before the U.S. House of Representatives Committee on Homeland Security, Subcommittee on Intelligence, Information Sharing and Terrorism Risk Assessment, on Free Speech and Online Intermediaries in an Age of Terror Recruitment, May 26, 2010.

Before the Maine State Legislature Joint Committee on Business, Research, and Economic Development, on LD 1677, March 4, 2010.

Before the U.S. House of Representatives Committee on Energy & Commerce, Subcommittee on Commerce, Trade, and Consumer Protection and Subcommittee on Communications, Technology, and the Internet, on The Privacy Implications of Commercial Location-Based Services, February 24, 2010.

Before the U.S. Federal Election Commission concerning Notice of Proposed Rulemaking 2005-10 on The Internet: Definitions of "Public Communication" and "Generic Campaign Activity" and Disclaimers, June 28, 2005.

Before the Maryland House of Delegates Judiciary Committee, on House Bill 661, March 4, 2003.

Before the U.S. Senate Committee on Commerce, Science, and Transportation, Subcommittee on Communications on the Proposed Merger of AOL and Time Warner, March 2, 2000 (with Jerry Berman).

MAJOR U.S. GOVERNMENT PUBLICATIONS FOR WHICH MY NTIA OFFICE HAD SIGNIFICANT RESPONSIBILITY

Report to the President, "Enhancing the Resilience of the Internet and Communications Ecosystem Against Botnets and Other Automated, Distributed Threats," Department of Commerce & Department of Homeland Security, May, 2018.

Green Paper, "Fostering the Advancement of the Internet of Things," Department of Commerce Internet Policy Task Force & Digital Economy Leadership Team, Jan., 2017.

White Paper, "Remixes, First Sale, and Statutory Damages," Department of Commerce Internet Policy Task Force, Jan., 2016.

Legislative Draft, "Consumer Privacy Bill of Rights Act of 2015," The White House, Feb., 2015.

Report, "Exploring the Digital Nation: Embracing the Mobile Internet," National Telecommunications and Information Administration of the Department of Commerce, Oct., 2014.

Green Paper, "Copyright Policy, Creativity, and Innovation in the Digital Economy," Department of Commerce Internet Policy Task Force, July, 2013.

Report, "Exploring the Digital Nation: America's Emerging Online Experience," National Telecommunications and Information Administration & Economic and Statistics Administration of the Department of Commerce, July, 2013.

Report, "Consumer Data Privacy in a Networked World: A Framework for Protecting Privacy and Promoting Innovation in the Global Digital Economy," The White House, Feb., 2012.

SELECTED PUBLICATIONS ON INTERNET POLICY AND LAW

"NTIA Recommends Improvements to the FCC's Broadband Data Collection," NTIA Blog, Jan. 3, 2018.

"Three Papers Using NTIA Data to be Presented at Research Conference," NTIA Blog, Sept. 7, 2017.

"Language and Citizenship May Contribute to Low Internet Use Among Hispanics," NTIA Blog, November 17, 2015.

"Twenty Years after the Birth of the Modern Internet, U.S. Policies Continue to Help the Internet Grow and Thrive," NTIA Blog, May 1, 2015

"Injecting the Public Interest into Internet Standards," in OPENING STANDARDS (Laura DeNardis, editor; MIT Press, publisher), 2011.

"Revisiting User Control: The Emergence and Success of a First Amendment Theory for the Internet Age" (with Cynthia Wong), University of North Carolina School of Law, First Amendment Law Review, Vol. 8, 2009.

"Dealing with the devil" (with Leslie Harris), Index on Censorship, July 17, 2009.

"Binding privacy rules to location on the web" (with Alissa Cooper), Proceedings of the 2nd International Workshop on Location and the Web (LOCWEB 09), April 4, 2009.

"Free Speech on the Internet" (with Julie Carpenter & Jodie Kelley), in INTERNET LAW & PRACTICE (West Publishing Company), 2008.

"Who's Watching You Now?" (with Jon Peterson), IEEE Security and Privacy, January, 2007.

"Privacy Year in Review: Privacy and VoIP Technology," I/S Journal of Law and Policy for the Information Society, Vol. 1, 2005.

"Policy Impact Assessments: Considering the Public Interest in Internet Standards Development," Telecommunications Policy Research Conference (TPRC), August, 2003.

"Strangers in a Strange Land: Public Interest Advocacy and Internet Standards," Telecommunications Policy Research Conference (TPRC), September, 2002.

"The Elements of Location Tracking and Privacy Protection," in GEOGRAPHIC LOCATION IN THE INTERNET (Behcet Sarikaya, editor; Kluwer Academic, publisher), 2002.

"Oral history about Reno v. ACLU litigation," in SPEAKING OUR MINDS (Joseph Russomanno, author; Lawrence Erlbaum, publisher), 2002.

"Broadband Backgrounder: Public Policy Issues Raised by Broadband Technology," Center for Democracy & Technology, 2000.

"The Broadband Internet: The End of the Equal Voice?" (with Jerry Berman), Computers Freedom & Privacy Conference, April, 2000.

[&]quot;Introducing NTIA Data Central," NTIA Blog, October 26, 2015.

SELECTED PUBLICATIONS IN CONNECTION WITH THE INTERNET ENGINEERING TASK FORCE (IETF) AND THE WORLD WIDE WEB CONSORTIUM (W3C)

RFC 6973: Privacy Considerations for Internet Protocols (with Alissa Cooper, et al.), July, 2013.

RFC 6772: Geolocation Policy: A Document Format for Expressing Privacy Preferences for Location Information (with Henning Schulzrine, et al.), January, 2013.

RFC 6280: An Architecture for Location and Location Privacy in Internet Applications (with Richard Barnes, et al.), July, 2011.

Empowering Users to Express a 'Do Not Track' Rule: A Step Toward Conveying User Privacy Preferences (with Alissa Cooper), W3C Workshop, April, 2011.

Promoting Privacy by Developing Real-Time Web Standards with "Both Screens" in Mind (with Alissa Cooper), IETF Workshop, September 19, 2010.

Privacy Rulesets: A User-Empowering Approach to Privacy on the Web (with Alissa Cooper & Erica Newland), W3C Workshop, July, 2010.

RFC 5606: Implications of 'retransmission-allowed' for SIP Location Conveyance (with Jon Peterson & Ted Hardie), August, 2009.

RFC 4745: Common Policy: A Document Format for Expressing Privacy Preferences (with Henning Schulzrine, et al.), February, 2007.

RFC 3694: Threat Analysis of the Geopriv Protocol (with Michelle Danley, et al.), February, 2004.

RFC 3693: Geopriv Requirements (with Jorge Cuellar, et al.), February, 2004.

SELECTED SPEECHES AND PANELS ON INTERNET POLICY AND LAW

Panel on "Increasing Access: Digital Inclusion," Digital Northwest Summit, March 21, 2016.

Panel on "US and Transatlantic Debates: A New Direction For U.S. Online Consumer Rights," 6th International Conference on Computers, Privacy and Data Protection (CPDP2018), Brussels, Belgium, January 23, 2013.

"Remarks on Child Safety Issues," Family Online Safety Institute Conference, November 14, 2012.

Panel on "Cooperation Tools: the possible and effective way," 34th International Conference of Data Privacy Commissioners, Punta del Este, Uruguay, October 23, 2012.

"Next Challenge – How to Handle Big Data in the Cloud," IGF-USA 2012, July 26, 2012.

Panel on "Mounting Pressure on Internet Intermediaries," State of the Net Conference, January 17, 2012.

Presentation (with Alissa Cooper) on "Empowering Users to Express a 'Do Not Track' Rule: A Step Toward Conveying User Privacy Preferences," W3C Workshop on Web Tracking and User Privacy, April 28, 2011.

Panel on "Engendering Confidence in the Cloud – Addressing Questions of Security and Privacy in Developed and Developing Countries," Internet Governance Forum 2010, Vilnius, Lithuania, September 16, 2010.

Panel on "The New Breed of Location Services - Challenges for Child Safety," Internet Governance Forum 2010, Vilnius, Lithuania, September 15, 2010.

Panel on "Legal aspects of Internet governance: International cooperation on cyber-security," Internet Governance Forum 2010, Vilnius, Lithuania, September 15, 2010.

Panel on "The Promise and Challenges of Cloud Computing," IGF-USA 2010, July 21, 2010.

"Binding Privacy Rules to Data: Empowering Users on the Web (with Alissa Cooper & Erica Newland)," W3C Workshop on Privacy for Advanced Web APIs, July 13, 2010.

Panel on "Who's afraid of the 'data deluge': Making sense of emerging threats to democracy, freedom, and social life," Digital Power and Its Discontents Conference, April 21, 2010.

Panel on "Copyright Strikes: When Has a Pirate Graduated to Internet Exile?," State of the Net Conference, January 27, 2010.

Panel on "Preserving free expression on the internet and protecting children's rights online," Internet Governance Forum 2009, Sharm El Sheikh, Egypt, November 17, 2009.

Symposium on "Internet Openness: Net Neutrality and Beyond," Cardozo Law School Public Law, Policy & Ethics Journal, April 21, 2009.

Panel on "Final Report of the Internet Safety Technical Task Force: Enhancing Child Safety and Online Technologies," State of the Net Conference, January 14, 2009.

"A New Approach to Online Location Privacy," W3C Workshop on Security for Access to Device APIs from the Web, December 10, 2008.

"Technical Standards Setting and Public Policy - A Case Study of Public Participation Addressing the Privacy of Location Information," Rutgers ECE Distinquished Lecture Series, November 12, 2008.

"Protecting Civil Rights," National Governors Association Executive Policy Forum on Cyber and Electronic Crime, September 8, 2008.

Panel on "Cyberbullying and the Law," International Stop Cyberbullying Conference, June 3, 2008.

Panel on "Interoperability at the Crossroads?: The 'Liberal Order' versus Fragmentation," CFP 2008, May 21, 2008.

"The Battle over Location: Competing Agendas Harming Privacy and Innovation," 29th International Conference of Data Privacy Commissioners, Montreal, Canada, September 26, 2007.

Panel on "Citizen Journalism, Libel and Privacy," Legal Risk Management in the Web 2.0 World Conference, September 18, 2007.

Panel on "Query Log Analysis: Social and Technological Challenges," WWW2007, May 8, 2007.

Panel on "Open Standards," Open Standards International Symposium, February 3, 2007.

Panel on "Location Tracking: The Future of Surveillance," CFP 2005, April 15, 2005.

Panel on "Strategies for Infusing Code with Values," CFP 2005, April 14, 2005.

Panel on "Looking Beyond CALEA: The Interception of Internet Communications," CFP 2005, April 14, 2005.

Panel on "Fahrenheit 451.3: Using ISPs to Control Content on the Internet," CFP 2004, April 22, 2004.

"E911, VoIP, and Privacy," National Emergency Numbering Association Technical Development Conference, March 16, 2004.

Panel on "Merging the Internet with Telephone - Benefits vs Privacy Problems," CFP 2003, April 3, 2003.

Presentation (with Matt Blaze) on "Privacy Considerations for Internet Protocols," IETF Plenary Session, March 19, 2003.

"The Evolving Landscape for Internet Policymaking: New Venues of Policymaking," Connecting Research and Policy in the Digital Economy, January 29, 2003.

"Strangers in a Strange Land: Public Interest Advocacy and Internet Standards," TPRC 2002, September 29, 2002.

"Legal and Regulatory Issues: A Primer - Free Expression," Internet Society's 12th Annual INET Conference: Internet Crossroads: Where Technology and Policy Intersect, June 18, 2002.