



NATIONAL SECURITY THREATS IN CYBERSPACE
SATURDAY, AUGUST 1, 2009 ~ 8:30AM - 10:00AM

Moderator: Stewart A. Baker

Partner, Steptoe & Johnson
and former Assistant Secretary for Policy
Department of Homeland Security

Panelists:

Colonel Jim Baker, USAF

Special Assistant to the Chairman and Director
Chairman's Action Group
Office of the Chairman of the Joint Chiefs of Staff

Susan W. Brenner

Distinguished Professor of Law and
Technology, University of Dayton School of Law
and author of *Cyber Threats: Emerging
Fault Lines of the Nation-States*

Eric Greenwald

Chief Counsel, U.S. House of
Representatives Permanent Select
Committee on Intelligence

Gregory Schaffer

Assistant Secretary, Office of
Cybersecurity and Communications
Department of Homeland Security

Hyatt Regency Chicago

Water Tower Room, Bronze Level, West Tower
151 East Wacker Drive, Chicago, Illinois

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Colonel Jim Baker is a career acquisition professional, with stints as a program manager, chief systems engineer and test engineer. He has served as an executive officer and has prior staff tours with the Office of the Secretary of Defense, Air Force Secretariat and on the Air Staff. His most recent assignment was an Air Warfare Staff Specialist with the Under Secretary of Defense for Acquisition, Technology and Logistics organization. Prior, he led the Integrated Product Team, Joint Strike Fighter Mission Systems, a \$5.5 billion dollar project which involved developing highly sophisticated avionics, five state-of-the-art multi-spectrum sensors, and more than 5 million lines of software code. He is currently Special Assistant to the Chairman, Joint Chiefs of Staff and Director of the Chairman's Action Group, where he assists the Chairman in developing his best military advice on a range of national security and strategy issues. Colonel Baker is a National War College and Defense System Management College graduate. He also holds post graduate degrees in Electrical Engineering, Systems/Industrial Engineering, Military Operational Art and Science, and National Security Strategy. His decorations include the Defense Superior Service Medal, Defense Meritorious Medal, two Meritorious Service Medals, Joint Service Commendation Medal, three Air Force Commendation Medals, and two Air Force Achievement Medals. He has published about a dozen articles on topics such as program management and acquisition, leadership, civil-military relations, counterinsurgency, and test engineering.

Stewart A. Baker is a Partner at the law firm of Steptoe & Johnson, where he covers matters including homeland security, international trade, cybersecurity, and data protection. From 2005 to 2009, he served as the first Assistant Secretary for Policy at the Department of Homeland Security. As Assistant Secretary, Mr. Baker oversaw offices responsible for Department-wide policy analysis, international affairs, strategic planning, and relationships with the private sector, advisory committees, and law enforcement. He was heavily involved in national security reviews of mergers and acquisitions involving information technology. Previous governmental positions include General Counsel of the WMD Commission investigating intelligence failures prior to the Iraq War, and General Counsel of the National Security Agency, where he led interagency efforts to reform commercial encryption and computer security law and policy. Mr. Baker has testified before government agencies and committees, including the 9/11 Commission. He has served on numerous boards and commissions, including the President's Export Council Subcommittee on Export Administration, the Industry Trade Advisory Committee on telecommunications and electronic commerce, two Defense Science Board panels on information warfare defense, and the Markle Task Force on Technology and Terrorism. He has also been advisor to international organizations including the International Telecommunications Union, and the Organisation for Economic Co-Operations and Development.

Susan W. Brenner is the NCR Distinguished Professor of Law and Technology at the University of Dayton School of Law in Dayton, Ohio. She has spoken at numerous events, including Interpol's Fourth and Fifth International Conferences on Cybercrimes, the American Bar Association's National Cybercrime Conference and the Yale Law School Conference on Cybercrime. She chaired a Working Group in the American Bar Association project to develop the ITU Toolkit for Cybercrime Legislation for the United Nations International Telecommunications Union. Professor Brenner has published a number of articles dealing with cybercrime, including "Fantasy Crime," 11 *Vanderbilt Journal of Technology and Entertainment Law* 1 (2008); "State-Sponsored Crime," 26 *Houston Journal of International Law* 1 (2006); and "Cybercrime Metrics," *University of Virginia Journal of Law and Technology* (2004). In 2009, Oxford University Press published her latest book: *Cyber Threats: Emerging Fault Lines of the Nation-States*.

Eric Greenwald is the Chief Counsel for the House Permanent Select Committee on Intelligence. He has acted as the principal drafter for legislation amending FISA and is responsible for oversight of Committee investigations, the Comprehensive National Cybersecurity Initiative, covert action programs, and rendition, detention, and interrogation programs. Mr. Greenwald has previously served as an Attorney Advisor with the Central Intelligence Agency's Office of General Counsel and in the National Security Law Unit of the Federal Bureau of Investigation where he focused on counterterrorism and international computer crime. In the private sector, Mr. Greenwald has worked as a litigator and an international trade lawyer with the law firms Steptoe & Johnson and Shearman & Sterling, respectively. More recently, he was involved in production and editing of television and radio news with 60 Minutes and National Public Radio. Mr. Greenwald received his Bachelor's degree in international relations from Yale University in 1990 and his law degree from the University of Michigan Law School in 1996.

Gregory Schaffer is Assistant Secretary for Cybersecurity and Communications (CS&C) at the Department of Homeland Security. Assistant Secretary Schaffer works within the National Protection and Programs Directorate to lead the coordinated efforts of CS&C and its components, including the National Cyber Security Division, the Office of Emergency Communications, and the National Communications System. He works to engage the public and private sectors as well as international partners to prepare for, prevent, and respond to catastrophic incidents that could degrade or overwhelm the nation's strategic cyber and communications infrastructure. Until earlier this year, Mr. Schaffer served as Senior Vice President and Chief Risk Officer for Alltel Communications, where he had responsibility for logical security, physical security, internal and external investigations, fraud, law enforcement relations, privacy and regulatory compliance. Mr. Schaffer previously held multiple Vice President-level positions at Alltel Communications—including Chief Risk Officer, Chief Security Officer and Chief Information Security Officer—from 2004-2007. Before joining Alltel, Mr. Schaffer was Director of PricewaterhouseCoopers Cybercrime Prevention and Response Practice, where he developed and implemented computer forensic examinations in connection with major internal investigations at Fortune 500 companies, from 1999-2004. Previously, he served as a computer crime prosecutor in the Computer Crime and Intellectual Property Section at the U.S. Department of Justice from 1997-1999, following a nine-year career as a litigator for various firms. Mr. Schaffer holds a J.D. from the University of Southern California Law Center and a B.A. from the George Washington University.