

Task Force on
National Security
in the
Information Age

ZOË BAIRD, JAMES BARKSDALE
CHAIRMEN

MICHAEL A. VATIS
EXECUTIVE DIRECTOR

MARKLE FOUNDATION

TASK FORCE ON NATIONAL SECURITY IN THE INFORMATION AGE

ABOUT THE TASK FORCE

The Task Force on National Security in the Information Age was formed in April 2002, to address critical issues surrounding the use of information and communications technology to enhance our national security. *Protecting America's Freedom in the Information Age*, the Task Force's first report, was released in October 2002. A second report, *Creating a Trusted Information Network for Homeland Security*, will be released in December 2003.

The Task Force is co-chaired by Zoë Baird, president of the Markle Foundation, and James Barksdale, partner and co-founder of the Barksdale Group and former CEO of Netscape Communications. Michael Vatis is the executive director.

The Task Force on National Security in the Information Age is a project of the Markle Foundation, in alliance with The Brookings Institution and the Center for Strategic and International Studies.

PRESS INQUIRIES

If you are a member of the media and would like to speak to a member of the Task Force, please contact the following Markle Foundation staff members:

Todd Glass
Director, Public Affairs
Markle Foundation
212.713.7622
tglass@markle.org

Todd McGovern
Manager, Public Affairs
Markle Foundation
212.713.7633
tmcgovern@markle.org

For additional information on the Task Force on National Security in the Information Age, please visit www.markletaskforce.org.

For information on the Markle Foundation, please visit www.markle.org.

CHAIRMEN

Zoë Baird



Zoë Baird is president of the Markle Foundation, a private philanthropy that focuses on using information and communications technologies to address critical public needs. Baird's career spans business, government, and academia. She has been senior vice president and general counsel of Aetna, Inc., a senior visiting scholar at Yale Law School, counselor and staff executive at General Electric, and a partner in the law firm of O'Melveny & Myers. She was associate counsel to President Jimmy Carter and an attorney in the Office of Legal Counsel of the Department of Justice. She served on the President's Foreign Intelligence Advisory Board from 1993 to 2001 and on the International Competition Policy Advisory Committee to the Attorney General.

James L. Barksdale



Jim Barksdale is a partner and co-founder of The Barksdale Group. Prior to founding The Barksdale Group, he served as president and CEO of Netscape Communications Corporation. Before Netscape, he worked at AT&T Wireless Services as the company's CEO, and before that he served as executive vice president and COO for Federal Express Corporation. In January 2000, he donated \$100 million to create The Barksdale Reading Institute, a statewide reading program in Mississippi. Barksdale is presently a member of the President's Foreign Intelligence Advisory Board.

EXECUTIVE DIRECTOR

Michael A. Vatis (ex officio)



Michael Vatis is executive director of the Task Force and of counsel to Fried, Frank, Harris, Shriver and Jacobson. From 2001 to 2003, he served as director of the Institute for Security Technology Studies at Dartmouth College, a national counter-terrorism and cyber-security research center, and as the founding chairman of the Institute for Information Infrastructure Protection (I3P), a consortium of leading cyber-security research organizations. From 1998 to 2001, Vatis was the founding director of the National Infrastructure Protection Center, an interagency organization

responsible for detecting, warning of, and responding to cyber attacks. From 1994 to 1998, he served as associate deputy attorney general and deputy director of the Executive Office for National Security at the Department of Justice, where he was responsible for coordinating the department's activities in the areas of counterterrorism, counterintelligence, infrastructure protection, and cyber crime. From 1993 to 1994, Vatis was special counsel at the Department of Defense. Vatis has also served as a law clerk for U.S. Supreme Court Justice Thurgood Marshall and for then-Judge Ruth Bader Ginsburg on the U.S. Court of Appeals for the District of Columbia Circuit.

MEMBERS

T. Alexander Aleinikoff



Alexander Aleinikoff is a professor of law at Georgetown University Law Center and a senior associate at the Migration Policy Institute. His work is focused on refugee protection, international migration, and domestic immigration policy. From 1994 to 1997, he served first as the general counsel and then as executive associate commissioner for programs of the Immigration and Naturalization Service. His work on immigration and constitutional law has been published widely.

Robert D. Atkinson



Robert Atkinson is vice president of the Progressive Policy Institute (PPI) and director of PPI's Technology & New Economy Project. Atkinson is the author of the PPI's New Economy Index series and numerous reports on information-technology policy issues, such as the role of information technology in homeland defense. He previously served as executive director of the Rhode Island Economic Policy Council and was project director at the former Congressional Office of Technology Assessment.

Stewart Baker



Stewart Baker is a partner with the Washington, DC-based law firm Steptoe & Johnson, where his practice includes issues relating to digital commerce, electronic surveillance, encryption, privacy, national security, and export controls. From 1992 to 1994, he served as general counsel at the National Security Agency. Baker is co-author of *The Limits of Trust: Cryptography, Governments, and Electronic Commerce*.

Eric Benhamou



Eric Benhamou is the chairman of the board of directors of 3Com Corporation, Palm Inc., and Cypress Semiconductors. He served as CEO of 3Com from 1990 to 2000. Previously, he held a variety of senior-management positions at 3Com. In 1981, he co-founded Bridge Communications and was vice president of engineering until the company merged with 3Com. In 1997, President Clinton appointed him to the President's Information Technology Advisory Committee.

Jerry Berman



Jerry Berman is president of both the Center for Democracy and Technology (CDT), an Internet-policy and civil liberties organization, and of the Internet Education Foundation. He also chairs the Advisory Committee (which includes 150 organizations) to the Congressional Internet Caucus. Prior to founding CDT, Berman was director of the Electronic Frontier Foundation and chief legislative counsel at the ACLU. He helped to craft the Foreign Intelligence Surveillance Act of 1978 and the Electronic Communications Act of 1986, among other laws. He has written many articles and testified before the Congress on more than 100 occasions on Internet, civil liberties, and national security issues.

Robert M. Bryant



Robert Bryant is president and CEO of the National Insurance Crime Bureau. In November 1999, after 31 years of service, he retired as deputy director of the FBI, where he had presided over the development of the FBI's strategic plan and served as the agency's COO. While at the FBI, he directed many high-profile investigations. These included the Aldrich Ames spy case, which was successfully investigated and prosecuted; the Oklahoma City bombing; and the Montana Freeman standoff, which was peacefully resolved.

Ashton B. Carter



Ashton Carter is a professor of science and international affairs at Harvard University's Kennedy School of Government and co-director, with William J. Perry, of the Preventive Defense Project. From 1993 to 1996, Carter served as assistant secretary of defense for International Security Policy. He was twice awarded the Department of Defense Distinguished Service medal and continues to serve the agency as an adviser to the secretary of defense. From 1998 to 2000, Carter served as senior adviser to the North Korea Policy Review. Before his government service, Carter was director of the Center for Science and International Affairs at the Kennedy School and chairman of the editorial board of *International Security*.

Wesley K. Clark



Wesley Clark (retired General, U.S. Army) was most recently chairman of Wesley K. Clark & Associates, a strategic advisory and consulting firm. He is chairman of the board at WaveCrest Laboratories, a firm now developing a breakthrough electric propulsion system. He also founded Leadership for America, a nonpartisan, not-for-profit organization dedicated to fostering the conversation about America's future. From 2000 to 2003, Clark served as a managing director for the Stephens Group, Inc. He served in the U.S. Army for more than 35 years and rose to become NATO supreme allied commander and commander in chief of the U.S. European Command from 1997 to 2000. From 1996 to 1997, Clark served as commander in chief of the U.S. Southern Command, Panama. From 1994 to 1996, he served as director for strategic plans and policy for the Joint Chiefs of Staff, with responsibilities for worldwide U.S. military strategic planning.

G. Wayne Clough



G. Wayne Clough has been president of Georgia Tech since 1994. He is a civil engineer who specializes in issues related to national infrastructure. His areas of interest also include the application of technology in society; research and development; higher education policy; and economic development. He has been a member of the National Academy of Engineering since 1990, and was appointed by President Bush to the President's Council of Advisors for Science and Technology, for which he chairs a nanotechnology task force. He is also a member of the Executive Committee of the U.S. Council on Competitiveness.

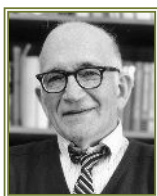
William P. Crowell



William P. Crowell served as president and CEO of Cylink Corporation, a leading provider of e-business security solutions from November 1998 to February 2003, at which point it was acquired by SafeNet, Inc. Crowell came to Cylink from the National Security Agency, where he held a series of senior positions, including deputy director of operations and deputy director of the agency. He served on the President's Export Council and, in November 2001, was appointed to the DARPA Task Force on Terrorism and Deterrence. Crowell currently serves as a director of Broadcom Technologies, a developer of video-surveillance-software infrastructure; and as

a director of two software companies: ActivCard, which develops authentication software, and ArcSight, Inc., which develops enterprise-security-management software.

Sidney D. Drell



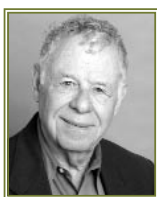
Sidney Drell is professor and deputy director emeritus at the Stanford Linear Accelerator Center (SLAC) at Stanford University, where for the past four decades his work has been on theoretical physics, elementary particle physics, and quantum theory, along with national security and arms control. He is also a senior fellow at the Hoover Institution. In 1956, he joined the Stanford faculty, and he has been a professor at SLAC since 1963. He served as co-director of the Center for International Security and Arms Control at Stanford from 1983 to 1989. Among his many positions of service, he was a member of the President's Foreign Intelligence Advisory Board from 1993 to 2001.

Esther Dyson



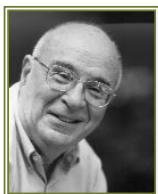
Esther Dyson is the chairman of EDventure Holdings, which publishes Release 1.0 (a monthly technology-industry newsletter) and sponsors two annual conferences: the PC Forum in the U.S., and the High-Tech Forum in Europe. She is an active investor and commentator whose focus is on emerging technologies and business models, emerging markets (especially in Eastern Europe), and emerging companies. She recently finished a two-year term as founding chairman of the Internet Corporation for Assigned Names and Numbers, the international agency charged with setting policy for the Internet's core infrastructure.

Amitai Etzioni



Amitai Etzioni is the first University Professor of The George Washington University. From 1987 to 1989, he was the Thomas Henry Carroll Ford Foundation Professor at the Harvard Business School. He served as senior advisor to the White House from 1979 to 1980. For 20 years, Etzioni served as professor of sociology at Columbia University, serving part of that time as chairman of the department. Etzioni founded and was the first president of the International Society for the Advancement of Socio-Economics. He is the editor of *The Responsive Community: Rights and Responsibilities*, a communitarian quarterly.

David J. Farber



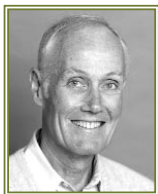
David Farber is Distinguished Career Professor of Computer Science and Public Policy at the School of Computer Science at Carnegie Mellon University. In 2003, he retired from the University of Pennsylvania, where he held the Alfred Fitler Moore Chair of Telecommunications, with appointments in the Engineering School and the Wharton School. From 2000 to 2001, he served as chief technologist for the Federal Communications Commission. He has held positions at Bell Labs, the Rand Corporation, Xerox Data Systems, the University of California at Irvine, and the University of Delaware. In addition, he is a fellow of the Association for Computing Machinery and the Institute of Electrical and Electronics Engineers and serves on the Board of Trustees of the Electronic Frontier Foundation. He has been a member of both the U.S. Presidential Advisory Board on Information Technology and the Board of Trustees of the Internet Society.

John Gage



John Gage is the chief researcher and director of the science office for Sun Microsystems, Inc. He is responsible for Sun's relationships with scientific and technical organizations worldwide; for the company's international public policy and governmental relations in the areas of scientific and technical policy; and for creating alliances with the world's leading research institutions. In 1995, Gage created NetDay, a volunteer project that brings the resources of high-tech companies to schools and libraries in order to provide those institutions with Internet access. He has served on a variety of advisory panels in the U.S. and abroad.

Slade Gorton



Slade Gorton was a U.S. senator from Washington State for 18 years. He now serves as of counsel to Preston Gates & Ellis. Gorton began his political career as a member of the Washington House of Representatives, where he served until 1969 and held the post of majority leader from 1967 to 1969. He was elected attorney general of Washington State in 1968 and served until 1981. Gorton was elected to the U.S. Senate in 1980. He served in the U.S. Army and was in the Air Force Reserve, finishing his career with the rank of colonel in 1981.

Morton H. Halperin



Morton Halperin is director of the Washington office of the Open Society Institute. He is also director of the Center for Democracy and Free Markets at the Council on Foreign Relations. Halperin served as director of Policy Planning Staff at the Department of State. He was special assistant to President Clinton and senior director for democracy at the National Security Council from 1994 to 1996. Other positions held by Halperin include senior vice president at the Century Foundation/Twentieth Century Fund, director of the American Civil Liberties Union's Washington, DC, office, and director of the Center for National Security Studies.

Margaret A. Hamburg



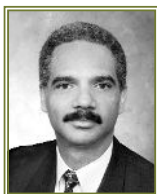
Margaret Hamburg, M.D., is vice president of biological programs at the Nuclear Threat Initiative (NTI). Before coming to the NTI, she was assistant secretary for planning and evaluation at the Department of Health and Human Services. She is a physician and an expert in public health and biological terrorism. Hamburg was the commissioner of health for the City of New York and assistant director of the Institute of Allergy and Infectious Diseases at the National Institutes of Health.

John J. Hamre



John Hamre is the president and CEO of the Center for Strategic and International Studies (CSIS). Before joining CSIS, he served in the Department of Defense as deputy secretary from 1997 to 1999, and as under secretary, serving as the agency's comptroller from 1993 to 1997. Prior to that, he worked for ten years as a professional staff member of the Senate Armed Services Committee. From 1978 to 1984, he served in the Congressional Budget Office, where he became deputy assistant director for national security and international affairs.

Eric H. Holder, Jr.



Eric Holder, Jr., is a partner at the law firm of Covington & Burling. He most recently served as U.S. deputy attorney general. Holder began his career as a prosecutor at the Justice Department; he was appointed associate judge of the Superior Court for the District of Columbia in 1988, and served until 1993. From 1993 to 1997, he was U.S. attorney for the District of Columbia. He was deputy attorney general from 1997 until the inauguration of President Bush, and briefly served under President Bush as acting attorney general, pending the confirmation of Attorney General John Ashcroft.

Arnold Kanter



Arnold Kanter is a principal and founding member of the Scowcroft Group, an international business advisory group. He served as under secretary of state from 1991 to 1993, functioning as the State Department's COO. Prior to that, he served on the White House staff from 1989 to 1991 as special assistant to the president and in a variety of capacities in the State Department from 1977 to 1985. He has also held positions at the RAND Corporation and The Brookings Institution, and was a faculty member at both Ohio State University and the University of Michigan.

Michael O. Leavitt



Mike Leavitt, Utah's 14th governor, has led the state through more than a decade of unparalleled prosperity. The hallmarks of his service are visionary leadership and sound management that have positioned Utah to prosper in the 21st century. During his service, the state has doubled its investment in education, rebuilt its transportation system, and hosted the 2002 Olympic Winter Games. He is the past chairman of the National Governors Association, and is a leading national voice on the issue of homeland security, federal-state relations, and competency-measured education. President Bush recently nominated Leavitt to head the United States Environmental Protection Agency.

Tara Lemmey



Tara Lemmey is founder and CEO of LENS Ventures, a network of leading thinkers focused on innovation in technology, science, law, and economics. She works with companies such as Nokia and Intel on next-generation strategies and products. She also serves as chairman of Project

LENS, a worldwide nongovernmental organization that works to create an environment of cooperation between the government, the public, and the private sector. Lemmey was previously president of the Electronic Frontier Foundation, where she worked on global initiatives in the arenas of intellectual property, encryption, and privacy. She has been the founder of three technology companies and has served on numerous boards.

Gilman Louie



Gilman Louie is the president and CEO of In-Q-Tel, the venture capital firm helping to deliver new technologies to the CIA and intelligence community. Prior to helping found In-Q-Tel, Louie served as Hasbro Interactive's chief creative officer and as general manager of the Games.com group,

for which he helped pioneer and market such interactive entertainment products as *Falcon*, the F-16 flight simulator, and *Tetris*, which he brought from the Soviet Union. Prior to joining Hasbro, he served as chief executive of the Nexa Corporation, Sphere, Inc., Spectrum HoloByte, Inc., and MicroProse, Inc. Louie has served on the board of directors of Wizards of the Coast, Total Entertainment Network, Direct Language, and FASA Interactive.

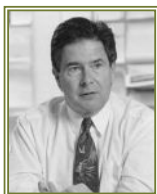
Judith A. Miller



Judith Miller is a partner at Williams & Connolly. She served as general counsel to the Department of Defense from 1994 to 1999. Her practice areas include computer security, constitutional law, and complex litigation. She served as assistant to the secretary and deputy

secretary of Defense from 1977 to 1979, and was a member of the Defense Science Board.

James H. Morris



James Morris is the Herbert A. Simon Professor of Human Computer Interaction and Dean of the School of Computer Science at Carnegie Mellon University. As a professor at the University of California at Berkeley, he developed important underlying principles of programming languages.

For 10 years he worked at the Xerox Palo Alto Research Center, where he was part of the team that developed the Alto System. From 1983 to 1988, Morris was director of the Information Technology Center at Carnegie Mellon—a joint project with IBM—where he oversaw the development of “Andrew,” a prototype university computing system. Morris is also a founder of the MAYA Design Group, a consulting firm that specializes in interactive-product design.

Craig Mundie



Craig Mundie is the CTO of advanced strategies and policy at Microsoft Corp. He reports to chairman and chief software architect Bill Gates, with whom he is working to develop a comprehensive set of technical, business, and policy strategies. Mundie’s role includes coordination of

aspects of these strategies where their implementation spans multiple Microsoft product groups. He focuses on Internet-scale platform architectures; on the definition of consumer computing experiences as part of the Microsoft®.NET initiatives; and on technical and policy issues surrounding critical infrastructure protection, intellectual property, and trustworthy computing.

Jeffrey H. Smith



Jeffrey Smith is a former general counsel at the CIA and is now a partner in the Washington, DC, law firm of Arnold & Porter. He has served as general counsel of the Senate Armed Services Committee and was Senator Sam Nunn’s designee to both the Iran/Contra Committee and the Senate

Select Committee on Intelligence. He served on the Commission to Review the Roles and Missions of the Armed Services, and he chaired the Joint Security Commission established by the Department of Defense and the CIA.

Abraham D. Sofaer



Abraham Sofaer is the George P. Shultz Distinguished Scholar and senior fellow at the Hoover Institution. He previously served as a federal district judge in New York and as the legal advisor to the Department of State. He concentrates on issues of separation of powers and on issues related to terrorism, international law, diplomacy, national security, and water resources. Sofaer has been a prosecutor, a legal educator, and an attorney in private practice.

James B. Steinberg



James Steinberg is vice president and director of the Foreign Policy Studies Program at The Brookings Institution and is a former deputy national security advisor. His previous positions include that of senior advisor at the Markle Foundation, director of the Policy Planning Staff at the Department of State, deputy assistant secretary for regional analysis in the Bureau of Intelligence and Research at the State Department, and senior analyst at RAND. Steinberg has written and contributed to many books on foreign policy and national security topics, as well as on domestic policy, including *Protecting the American Homeland*.

Paul Schott Stevens



Paul Stevens is a partner in the Washington, DC, office of Dechert LLP, an international law firm. He came to Dechert from Charles Schwab & Co., Inc., where he served as a senior vice president and general counsel of Mutual Funds and International Enterprise. From 1993 to 1997, he was senior vice president and general counsel of the Investment Company Institute, the national association of the U.S. mutual fund industry. He also served at the White House as special assistant to President Reagan for national security affairs and as executive secretary and legal advisor of the National Security Council.

Rick White



Rick White is CEO of TechNet, a national network of senior executives of the nation's leading technology companies. He served two terms in the U.S. House of Representatives, representing Washington State, and is the founder of the Congressional Internet Caucus. He practiced law at the firm of Perkins Coie prior to and after his election to Congress. While in Congress, he sat on the House Commerce Committee and its Telecommunications Subcommittee.

Philip Zelikow



Philip Zelikow is the executive director of the National Commission on Terrorist Attacks Upon the United States (the 9/11 Commission). He is also the director of the Miller Center of Public Affairs and White Burkett Miller Professor of History at the University of Virginia. After serving in government with the Navy, the State Department, and the National Security Council, he taught at Harvard before assuming his present post in Virginia to direct the nation's largest research center on the American presidency. He was a member of the President's Foreign Intelligence Advisory Board and served as executive director of the National Commission on Federal Election Reform, chaired by former presidents Carter and Ford. Zelikow has also been executive director of the Markle Foundation Task Force on National Security in the Information Age and director of the Aspen Strategy Group, a policy program of the Aspen Institute.

MARKLE FOUNDATION

10 Rockefeller Plaza, 16th Floor, New York, NY 10020-1903
Phone 212.713.7600 Fax 212.765.9690 www.markle.org