



NEW AMERICA  
FOUNDATION

*Serious Games*  
**Strengthening America's Competitive Edge through Investment in  
Advanced Learning Technologies**

May 3, 2006 • 1 – 2:30pm  
188 Russell Senate Office Building, Washington, D.C.

**Panelist Bios**

**KAY HOWELL**

*Vice President for Information Technologies, Federation of American Scientists*

In 2001, Kay Howell joined the Federation of American Scientists (FAS) as the Vice-President for Information Technologies projects, which includes projects in learning technologies, biomedical research and computing, and technologies for training against terror.

In addition to her role directing information technologies at FAS, Howell is also the project director for the Learning Federation. The Learning Federation is a partnership joining companies, universities, government agencies and private foundations to promote a national research plan to create radically improved approaches to teaching and learning enabled by information technology. In her capacity at the Learning Federation, Howell led the development of a national research plan that describe the possibilities and key R&D priorities and challenges of using information technology for education and training. She is currently directing development of three educational games: *Discover Babylon*, a game designed to foster interest and excitement in Iraq's role in the history of world mathematics, science and culture while at the same time, peak interest in Science, Technology, Engineering and Mathematics; *Immune Attack*, which will use instructional gaming to teach complicated cell biology concepts and attract students into science careers; and *Mass Casualty Incident Response Game*, a training game to train FDNY fire chief to respond to mass casualty incidents.

Before her tenure at FAS, Howell was the Vice-President of Government Mission Critical Linux from 2000-2001. She also directed the National Coordination Office for Computing, Information, and Communications at the National Science and Technology Council, Executive Office of the President from 1998-2000.

Howell is a computer scientist with extensive experience managing and directing multi-team projects in support of federal science research programs. She earned her bachelor's degree in computer science from East Carolina University, and an MBA from George Mason University.

**LAWRENCE K. GROSSMAN**

*Co-Chair, Digital Promise and former President, NBC News and PBS*

Lawrence Grossman is Co-chair of Digital Promise. He is also former president of NBC News and PBS, an advertising agency owner, holder of the Frank Stanton First Amendment Chair at the Kennedy School of Government, and senior fellow and visiting scholar at Columbia University. He currently serves as a trustee of Connecticut Public Broadcasting and various nonprofit health organizations, and as a Dupont-Columbia Journalism Award juror. He is the author of *The Electronic Republic: Reshaping Democracy in the Information Age*. (Viking/Penguin and The Twentieth Century Fund, 1996). His Digital Promise Co-chair is **Newton N. Minow**, former Chairman of the Federal Communications Commission, PBS, the RAND Corporation, and the Carnegie Corporation of New York.

**MICHAEL CALABRESE**

*Vice President and Director, Wireless Future Program, New America Foundation*

Michael Calabrese is Vice President and Director of the Wireless Future Program at the New America Foundation, a non-profit think tank based in Washington, D.C. He oversees the Foundation's efforts to improve our nation's management of publicly-owned assets – particularly the public airwaves. New America has advocated open, unlicensed access to an increasing share of the airwaves to facilitate innovation and more affordable and ubiquitous community wireless broadband access. New America has also supported earmarking spectrum revenue to finance the digital future of non-commercial public service media and for e-learning R&D.

Previously, Mr. Calabrese served as General Counsel of the Congressional Joint Economic Committee and as benefits counsel at the national AFL-CIO. He is the co-author of three previous books on policy and politics and has published opinion articles in the nation's leading outlets, including *The Atlantic Monthly*, *The Washington Post*, *The Wall Street Journal* and *The New York Times*. He is a graduate of Stanford Business and Law Schools, where he earned a JD/MBA degree; and a graduate of Harvard College, where he earned a B.A. in Economics and Government.