



# Biography

Department of the Army



## Dr. David M. Markowitz

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Dr. Markowitz was selected to the Senior Executive Service in February 2005. Since September 2007, he serves as the Technical Advisor to the Deputy Chief of Staff, G-3 and is the Director of Capabilities Integration, Prioritization, and Analysis, G-3/5/7. He oversees materiel requirements development for the current and future force, G-3/5/7 analysis, experimentation, and testing priorities, and budgeting and resource prioritization recommendations to the G-3/5/7.

From his appointment to the Senior Executive Service until his current position, Dr. Markowitz served as the Technical Director of the Center for Army Analysis. There, he oversaw all Center for Army Analysis support to Headquarters, Department of the Army associated with the Quadrennial Defense Review, the analytic agenda, and the analysis of Irregular, Disruptive, and Catastrophic challenges. He also was responsible for ensuring the quality of analysis performed by the Center's reach-back support to Operation Iraqi Freedom and Operation Enduring Freedom.

### CAREER CHRONOLOGY:

- 1998 – 2005: Director of the Simulation and Analysis Center, Office of the Director, Program Analysis and Evaluation, Office of the Secretary of Defense
- 1998 – 1998: Department of Engineering Management and Systems Engineering, George Washington University, Washington, DC
- 1996 – 1998: Logistics Management Institute, VA
- 1991 – 1991: Office of Weapons Proliferation, Political-Military Bureau, US Department of State, Washington, DC
- 1989 – 1994: U.S. Army Research, Development and Engineering Center, Natick MA

### COLLEGE:

- PhD, Operations Research, Massachusetts Institute of Technology, 1996
- AM (Magna Cum Laude), Mathematics, Harvard University, 1992
- AB (Magna Cum Laude), Mathematics, Harvard University, 1992

#### **AWARDS AND HONORS:**

- Department of the Army Decoration for Exceptional Civilian Service, 2007
- Office of the Secretary of Defense for Exceptional Civilian Service, 2005
- Chairman of Joint Chiefs of Staff Joint Meritorious Civilian Service Award, 2001
- Dana Reed Prize for Undergraduate Journalism, 1990

#### **PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:**

- Institute of Operations Research and Management Science
- Military Operations Research Society

#### **MAJOR PUBLICATIONS:**

- “Conventional Arms Negotiations for Today's Europe,” *Harvard International Review*, vol.12, no.3, Spring 1990, p.49-52.
- “Fulcrums at Farnborough: Russia's New Fighter For Sale,” *Harvard International Review*, vol.12, no.4, Summer 1989, p.71-75.
- “Future Needs of High-Tech Weaponry After the Cold War Thaws,” *Harvard International Review*, vol.12, no.4, Summer 1990, p.54-62.
- “Heavy Traffic Analysis of Dynamic Cyclic Policies: A Unified Approach to Single Machine Scheduling,” (co-authored with Reiman, M. and Wein, L.) *Operations Research*, vol 49, no. 2, p. 246-270
- Markowitz, D. and O'Keefe J., Menu Version of the Computer Man Program for MS/DOS Personal Computers, Technical Report Natick/TR-91/034L, US Army Natick Research, Development and Engineering Center, MA 01760-5015, June 1991.
- “Strategic Weapons in the Third World,” *Harvard International Review*, vol.12, no.1, Fall 1989, p.56-59. (Received Dana Reed Prize for Undergraduate Journalism).
- “The Stochastic Economic Lot Scheduling Problem: Heavy Traffic Analysis of Dynamic Cyclic Policies,” (co-authored with Reiman, M. and Wein, L.) *Operations Research*, vol 48, no. 1. p, 136-154
- “Will We Be Ready: The Future of America's Surge Capacity,” *Harvard International Review*, vol.13, no.1, Fall 1990, p.48-51. (500 reprints requested by the Naval War College, 1991).