



Office of Science and Technology Policy
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COMBATING TERRORISM

Research and Development Funding in the President's 2004 Budget

*"In the war against terrorism, America's vast science and technology base provides us with a key advantage."
-- President George W. Bush*

America's homeland security R&D budget is the foundation for tools needed to fulfill two of our nation's highest priorities: (1) winning the war on terrorism and (2) protecting the homeland. The President's 2004 Budget request represents a strong commitment to the research and development necessary to ensure that terrorist threats do not affect our way of life.

Research and development funding for homeland security and combating terrorism (including protecting critical infrastructure) continues to be a priority with an estimated \$3.2 billion in 2004. Research and development is focused on countering chemical, biological, radiological, nuclear, and other catastrophic threats.

The nation's advantage in scientific R&D is harnessed to help prevent future terrorist activities, minimize our nation's vulnerability to terrorist acts, and respond and recover if an attack should occur. R&D devoted to combating terrorism and protecting the homeland spans a wide range, including:

- Preventing the importing of a nuclear weapon or special nuclear material;
- Providing early detection, assessment, and therapeutic response in the case of a biological attack;
- Developing gear for first responders;
- Enabling the most effective use of the wealth of information collected by the intelligence community;
- Developing means to assess the efficacy of proposed protective measures; and
- Determining the vulnerabilities in the nation's critical infrastructure.

Specifically, over \$900 million is requested for combating terrorism research and development in the Department of Homeland Security, including \$803 million in the Science and Technology Directorate. This investment will be focused on robust research, development, demonstration, testing, evaluation, and systems procurement program that ensure both evolutionary and revolutionary capabilities.

The National Science and Technology Council's Committee on Homeland and National Security will work with the Homeland Security Council, the National Security Council, the Office of Management and Budget, the Department of Homeland Security, and other relevant departments and agencies to identify priorities for and facilitate planning of homeland and national security R&D. The coordinated federal effort will emphasize:

- Strategies to combat weapons of mass destruction, including radiological and nuclear countermeasures and biological agent detection, diagnostics, therapeutics, and forensics;
- Information analysis;
- Social, behavioral, and educational aspects of combating terrorism;
- Border entry/exit technologies; and
- Developing standards relevant to both homeland and national security.