

CNSR

Coalition for National Security Research

2009 Funding Statement

The Coalition for National Security Research (CNSR) strongly supports the Department of Defense's initiative to increase investments in the 6.1 basic research accounts by \$1 billion between FY 09 and FY 13, and urges Congress to provide a \$400 million increase for these programs in FY 10 in order to meet this target. The 6.1 basic research accounts are part of the broader Defense Science and Technology (S&T) program at the Department. CNSR urges Congress to provide sufficient funding to meet the Pentagon's historical goal to invest three percent of the Department's total budget in the Defense S&T program – 6.1 basic research, 6.2 applied research, and 6.3 advanced technology development.

Within the S&T program, the 6.1 basic research accounts support the long-term scientific discovery that provides the foundational knowledge for new technologies. The 6.2 applied research accounts refine discoveries by exploring and determining the operational parameters and practicality of the technology to military needs. The 6.3 advanced technology development accounts support the creation of larger-scale hardware and technology to be tested in realistic environments.

The Defense S&T program also cultivates the next generation of talented engineers and scientists through graduate research assistantships and postdoctoral research positions that are supported through research grants. Additionally, the Defense S&T program includes education and fellowship opportunities through programs such as the National Defense Education Program and the National Defense Science and Engineering Graduate Fellowship Program.

Past investments in Defense S&T have yielded not only unsurpassed battlefield technology and superiority, but also have had the added benefit of contributing to innovations that have strengthened our nation's economy. Fiber optics, global positioning satellite navigation, and lasers are just a few of the technologies with Defense S&T origins. These technologies empower not only our military, but also modern civilian communications, transportation, and commerce. Investments in Defense S&T pay both national security and economic dividends.

We appreciate the competing fiscal demands that Congress must negotiate, particularly as our military continues operations in Afghanistan and Iraq and we seek to emerge from the economic recession. Spending on Defense S&T programs are investments in the innovative people, ideas, and technology that our nation needs to reinvigorate its national and economic security. We respectfully ask for full consideration of this request, which is consistent with the Pentagon's multi-year initiative and the recommendation of the National Academies' 2005 report *Rising Above the Gathering Storm*.

About CNSR

The Coalition for National Security Research (CNSR) is a broadly-based coalition of industry, research universities, and associations united by a commitment to a stronger defense science and technology base. More information is available at www.cnsronline.org.

American Association of Engineering Societies	The Institute for Electrical and Electronics Engineers
American Chemical Society	
American Electronics Association	Joint Policy Board for Mathematics Louisiana State University
American Institute of Aeronautics and Astronautics	Massachusetts Institute of Technology
American Institute of Physics	Materials Research Society
American Mathematical Society	Microsoft
American Physical Society	National Business Coalition for Federal Research
American Psychological Association	National Society of Professional Engineers
American Society for Engineering Education	Ohio State University
American Society of Mechanical Engineers	Oklahoma State University
Association of American Universities	Optical Society of America
Association of Public and Land-grant Universities	Penn State University
California Institute of Technology	Princeton University
Carnegie Mellon University	Rutgers, The State University of New Jersey
The Coalition of EPSCoR States	Society for Industrial and Applied Mathematics
Computing Research Association	SPIE - The International Society for Optical Engineering
Consortium for Oceanographic Research and Education	Stanford University
Cornell University	Syracuse University
Council of Graduate Schools	State University of New York - Stony Brook
Federation of Materials Societies	The University of Texas System
Federation of Behavioral, Psychological and Cognitive Sciences	Tombes & Associates, LLP
Georgia Institute of Technology	University of California
	University of Central Florida

University of Colorado

University of Dayton Research Institute

University of Houston

University of Maryland at College Park

University of Miami

University of Michigan

University of Pittsburgh

University of Southern California

University of Tennessee

University of Washington

Woods Hole Oceanographic Institute

Vanderbilt University

Virginia Commonwealth University

Virginia Tech