

The President's American Competitiveness Initiative – Basic Research

How Much Would It Cost?

ACI Basic Research Investment	FY 2006 Funding	ACI Research FY 2007		ACI Research FY 2016	
	\$ in billions	\$ in billions	% increase	\$ in billions	% increase over FY06
National Science Foundation	5.58	6.02	7.8	11.16	100
Dept. of Energy – Office of Science	3.60	4.10	14.0	7.19	100
National Institute of Standards & Technology ¹	0.57 ²	0.54	-5.8 ³	1.14	100
TOTAL	\$9.75	\$10.66	9.3 %	\$19.49	100 %

1. Refers to NIST core accounts, consisting of lab research and construction
2. The 2006 enacted level for NIST core includes \$137 million in earmarks
3. Represents a 24 percent increase after accounting for earmarks

Source: White House

Supporters of ACI Research – partial list



Dollar Increase for FY 2007

NSF 440 million
 DoE Science 500 million
 NIST (excluding earmarks) 107 million

TOTAL \$1.05 billion

"Federal investment in research and development has proved critical to keeping America's economy strong by generating knowledge and tools upon which new technologies are developed."

President Bush
 February 2, 2006

Alliance for Science and Technology Research in America
 American Association for the Advancement of Science
 American Chemical Society
 American Electronics Association
 American Institute for Medical and Biological Engineering
 American Mathematical Society
 American Physical Society
 American Society of Mechanical Engineers
 American Society of Plant Biologists
 Association of American Universities
 Association for Computing Machinery Business Roundtable
 Carnegie Mellon University
 Center for Accelerating Innovation
 Center for National Software Studies
 Columbia University
 Committee for NSLS – II
 Computing Research Association
 Computing Technology Industry Association
 Cornell University
 Council on Competitiveness
 Duke University
 Electronic Industries Alliance
 Energy Sciences Coalition
 Federation of American Scientists

Federation of Societies for Experimental Biology
 Georgia Institute of Technology
 Indiana University
 Institute of Electrical and Electronics Engineers – USA
 International Society for Optical Engineering
 Massachusetts Institute of Technology
 Michigan State University
 National Association of Manufacturers
 National Association of State Universities and Land-Grant Colleges
 National Council for Advanced Manufacturing
 New York Structural Biology Center
 New York University
 Northern Illinois University
 Northwestern University
 Rutgers University
 Oak Ridge Associated Universities
 The Ohio State University
 Optical Society of America
 Purdue University
 The Science Coalition
 Semiconductor Equipment and Materials International
 Semiconductor Industry Association

Southeastern Universities Research Association
 Stanford University
 Stony Brook University
 Syracuse University
 Telecommunications Industry Association
 Texas A&M University
 Tulane University
 University of California
 University of Chicago
 University of Illinois, UC
 University of Iowa
 University of Kansas
 University of Maryland
 University of Michigan
 University of Pennsylvania
 University of Pittsburgh
 University of Southern California
 University of Texas System
 University of Washington
 Vanderbilt University
 Yale University