

Congressionally Directed Projects

Funding Profile by Subprogram

(dollars in thousands)

	FY 2007 Current Appropriation	FY 2008 Original Appropriation	FY 2008 Adjustments	FY 2008 Current Appropriation	FY 2009 Request
Congressionally Directed Projects					
Congressionally Directed Projects	—	125,633	-5,472 ^{ab}	120,161	—
SBIR/STTR	—	—	+3,462 ^b	3,462	—
Total, Congressionally Directed Projects	—	125,633	-2,010 ^a	123,623	—

Description

The FY 2008 Energy and Water Development Appropriations Act included 117 congressionally directed projects within the Office of Science. Funding for these projects was appropriated as a separate funding line although specific projects may relate to ongoing work in other programmatic areas. Prior year funding for specific projects is noted in the table below as non-additive entries.

Detailed Justification

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ Alabama A&M University Research Institute Integrated Environmental Research and Services (AL)	—	479	—
▪ Advanced Cellular and Biomolecular Imaging (PA)	—	479	—
▪ Advanced Laboratory Technology initiative (NJ)	—	479	—
▪ Albright College Science Facilities (PA)	—	334	—
▪ Alliance for NanoHealth (TX)	—	717	—
▪ Belmont Bay Science Center (VA)	—	239	—
▪ Bennett College Science and Technology facility (NC)	—	956	—
▪ Berkshire Environmental Resources Center (MA)	—	239	—
▪ Boston College Institute for Integrated Sciences (MA)	—	956	—
▪ Bronx Community College Sustainable Energy Center (NY)	—	287	—

^a Reflects a reduction for the 1.6% rescission in P.L. 110–161, the Energy and Water Development and Related Agencies Appropriations Act, 2008.

^b Reflects a reduction of \$3,462,000; \$3,091,000 to be transferred to the Small Business Innovative Research (SBIR) program; and \$371,000 to be transferred to the Small Business Technology Transfer (STTR) program.

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ Bulk Production of Metallic Glass (OH)	—	479	—
▪ Cardiac Catheterization Research and Equipment (TX)	—	717	—
▪ Center for Nanomedicine at the University of Maryland in Baltimore to Support Research into New Nanoconstructs (MD)	—	239	—
▪ Cheyney University STEM education infrastructure (PA)	—	1,195	—
▪ Chicago Public Schools Science Laboratory Enhancement (IL)	—	956	—
▪ Chicago State University Research (IL)	—	956	—
▪ Children's Oncology Group Childhood Cancer Research (TX)	—	191	—
▪ Coe College Scientific Instrumentation (IA)	—	861	—
▪ Columbus Children's Hospital Imaging Equipment (OH)	—	956	—
▪ Decision Support Tools for Complex Analysis (OH)	—	1,913	—
▪ DePaul University Interdisciplinary Science and Technology (IL)	—	239	—
▪ Dominican University in River Forest, Illinois for Research Related to the Role of Transglutaminases in Alzheimer's and Huntington's Diseases (IL)	—	573	—
▪ Eastern Kentucky University Chemical Research Instrumentation (KY)	—	287	—
▪ Eckerd College Science Center (FL)	—	1,913	—
▪ Emmanuel College Center for Science Partnership (MA)	—	479	—
▪ Energy Efficiency through the NY Industrial Retention Network (NY)	—	479	—
▪ Environmental System Center at Syracuse University (NY)	—	717	—
▪ Fordham University Regional Science Center (NY)	—	670	—
▪ Geothermal Demonstration Project (OH)	—	479	—
▪ Geothermal System at Sherman Hospital in Elgin, IL (IL)	—	956	—
▪ Germantown Biotechnology Project (MD)	—	1,435	—
▪ Good Samaritan Hospital Specialty Cancer Center (OH)	—	383	—
▪ Green Building Technologies for Lakeview Museum (IL)	—	191	—

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ Green Energy Xchange (NC)	—	803	—
▪ Gulf of Maine Research Institute lab upgrades (ME)	—	717	—
▪ Harney Science Center Equipment (CA)	—	479	—
▪ Hofstra University Center for Condensed Matter Research (NY)	—	525	—
▪ Imaging and Oncology Equipment at Utah Valley State College (UT)	—	717	—
▪ Indiana Wesleyan University School of Nursing (IN)	—	239	—
▪ Inland Northwest Research Alliance (INRA) Water Research (WA)	—	1,435	—
▪ Institute for Collaborative Sciences Research (FL)	—	383	—
▪ Jackson State University in Jackson, Mississippi, for Bioengineering Research Training (MS)	—	1,913	—
▪ Jacksonville University Marine Science Research Institute (FL)	—	479	—
▪ University of Kansas Medical Center Tele-Oncology Network (KS)	—	287	—
▪ Lake Granbury and Lake Whitney Assessment (TX)	—	479	—
▪ Lapeer Regional Medical Center Computerized Tomography Simulator (MI)	—	383	—
▪ Levine Children's Hospital Computerized Tomography Scanner (NC)	—	956	—
▪ Lightweight Power Supply Development (PA)	—	479	—
▪ Logan Cancer Center Equipment and Technology (UT)	—	956	—
▪ Loma Linda University Medical College Radiation Protection Program (CA)	—	1,913	—
▪ Louisiana Tech University in Ruston, Louisiana, for Research in Nanotechnology (LA)	—	1,435	—
▪ Louisville Science Center (KY)	—	144	—
▪ Luther College Science Building renovation project (IA)	—	717	—
▪ Mathematics, Science and Technology Research and Training Lab project (PA)	—	2,391	—
▪ Memorial Health System, Springfield, Illinois (IL)	—	479	—

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ Memorial Hermann Baptist Hospital Orange—1.5 Tesla Magnetic Resonance Imaging (TX)	—	573	—
▪ Nanosystems Initiative at the University of Rochester (NY)	—	956	—
▪ Nanotechnology Research Internships in Illinois (IL)	—	479	—
▪ Neuroscience Laboratory, Dominican University (IL)	—	287	—
▪ Neurosciences Institute in Morgantown, West Virginia, to Support Molecular Genetics Research (WV)	—	1,913	—
▪ Nevada Cancer Institute in Las Vegas to Support Research of Cellular Antigens and Nuclei Acids (NV)	—	479	—
▪ New Mexico Center for Isotopes in Medicine (NM)	—	717	—
▪ New Mexico Tech University in Socorro, New Mexico, for Applied Energy Science Design (NM)	—	1,435	—
▪ New School University Green Building (NY)	—	1,913	—
▪ Northern Hemisphere Pierre Auger Observatory in Colorado for the Northern Hemisphere Location of a Particle Detection Observatory (CO)	—	956	—
▪ Northwest Missouri State University in Maryville, Missouri, for the Nanoscience Education Project (MO)	—	1,147	—
▪ Notre Dame Innovation Park (IN)	—	750	—
▪ Nutley Energy Efficient Elementary Schools (NJ)	—	479	—
▪ Perry Memorial Hospital Picture Archiving and Communicating System (IL)	—	334	—
▪ Phase II Design and Construction of Sage Hall Science (FL)	—	479	—
▪ Pikeville Medical Center, Kentucky (KY)	—	479	—
▪ Pioneer Valley Life Sciences Initiative (MA)	—	956	—
▪ Proton Beam Therapy (WA)	—	717	—
▪ Purdue Calumet Inland Water Institute (IN)	—	479	—
▪ Purdue Technology Center (IN)	—	1,913	—
▪ Rockland Community College Science Laboratory (NY)	—	479	—
▪ Roosevelt University Biology Laboratory Equipment (IL)	—	670	—
▪ Sandia Institute for Advanced Computing Algorithms, New Mexico, for High Performance Computing and Advanced Algorithm Development (NM)	—	7,114	—

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ Seton Hall University Science and Technology Center (NJ)	—	956	—
▪ South Carolina Lambda Rail Computer Network Portal (SC)	—	1,147	—
▪ South County Nature Preserve, Irvington, NY (NY)	—	239	—
▪ South Dakota Catalyst Group for Alternative Energy to Support Research that will Synthesize, Characterize and Scale Up Production of Catalysts Important for Energy Alternatives to Fossil Fuels (SD)	—	1,052	—
▪ Saint Clare's Hospital (NJ)	—	479	—
▪ Saint Joseph's University Science Center Equipment (PA)	—	765	—
▪ Saint Rose Dominican Hospitals Sienna Trauma Center (NV)	—	479	—
▪ Saint Thomas University—CORTE (FL)	—	239	—
▪ Sustainable Biofuels Development Center (CO)	—	334	—
▪ Technology for print disabled students (FL)	—	1,147	—
▪ Texas Center for Advanced Science Computing and Modeling (TX)	—	717	—
▪ The Methanol Economy (CA)	—	1,913	—
▪ Tulane Materials and Energy Research (LA)	—	1,147	—
▪ University of California, Los Angeles for the Institute for Molecular Medicine Radiation Research (CA)	—	5,738	—
▪ University of California, San Diego to Support Seismic Research (CA)	—	1,913	—
▪ University of Chicago to Research Multi-Modality, Image-Based Markers for Assessing Breast Density & Structure to Determine Risk of Breast Cancer (IL)	—	573	—
▪ University of Dubuque, Environmental Science Center (IA)	—	956	—
▪ University of Louisville Regional NMR Facility in Louisville, Kentucky, to Support Ongoing Research in Fundamental Processes of Electron Transport Systems and the Structural Biology of Proteins (KY)	—	956	—
▪ University of Maine in Orono, Maine, for Research in Integrated Forest Products Refinery Technology (ME)	—	956	—

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ University of Massachusetts at Boston to Support Marine Systems Research (MA)	—	479	—
▪ University of Mississippi Medical Center in Jackson, Mississippi, to Fund Research in the Areas of Increasing Efficiency by Reducing the Amount of Contrast Media Needed for Certain Procedures (MS)	—	573	—
▪ University of North Carolina Collaborative Initiative in Biomedical Imaging (NC)	—	956	—
▪ University of North Dakota in Grand Forks to Support Antibodies Research (ND)	—	2,391	—
▪ University of Nebraska Medical Center in Omaha to Conduct Nanoscale Imaging of Proteins (NE)	—	1,913	—
▪ University of Nevada, Las Vegas, Nevada Water in the 21st Century Multi-Disciplinary Research Project (NV)	—	956	—
▪ University of New Mexico in Albuquerque, New Mexico, for the MIND Institute Ongoing Research into Brain Related Research Including Supporting Research of Military Personnel Suffering from Post Traumatic Stress Disorder, Depression and Traumatic Brain Injuries (NM)	(7,001)	11,478	—
Funds were provided in FY 2007 based on peer review of proposal received, and was funded within the Biological and Environmental Research program.			
▪ University of Oklahoma in Norman, Oklahoma, for the Large Scale Application of Single-Walled Carbon Nanotubes (OK)	—	956	—
▪ University of Saint Francis Science Center (IN)	—	689	—
▪ University of Southern Indiana Engineering Equipment (IN)	—	717	—
▪ University of Vermont in Burlington to Conduct Research of Magnetic Resonance Imaging Science (VT)	—	956	—
▪ University of Vermont in Burlington to Support Research in Agricultural, Environmental, and Biological Sciences (VT)	—	2,869	—
▪ Ultra-dense Supercomputing Memory Storage in Colorado for Further Research in this Field (CO)	—	956	—
▪ University of Massachusetts Integrative Science Building (MA)	—	1,913	—
▪ Urban Research Center and Greenhouse, Brooklyn (NY)	—	479	—

(dollars in thousands)

	FY 2007 (non-add)	FY 2008	FY 2009
▪ University of South Alabama Cancer Institute Oncology Medical Record System (AL)	—	479	—
▪ Wake Forest University Research on Alternatives to Tansplantation (NC)	—	956	—
▪ Westminster College Science Center (UT)	—	383	—
▪ Waste Isolation Pilot Plant in Carlsbad, New Mexico, to Support Neutrino Research (NM)	—	1,435	—
▪ Xavier University Science Equipment (OH)	—	479	—
SBIR/STTR	—	3,462	—
The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are mandated by Congress.			
Total, Congressionally Directed Projects	—	123,623	—

Explanation of Funding Changes

	FY 2009 vs. FY 2008 (\$000)
Congressionally Directed Projects	
No FY 2009 funding requested	-120,161
SBIR/STTR	
No FY 2009 funding requested	-3,462
Total, Congressionally Directed Projects	-123,623