

QUESTIONS FROM CHAIRMAN UPTON

Deputy Secretary of Energy Dan Brouillette

DOE's National Security Mission

Q1. The Department's national security mission and supporting activities plays a critical role in advancing and protecting our nation's national security. The National Nuclear Security Administration (NNSA) maintains our nuclear weapons deterrent, supports key non-proliferation programs, and prepares to respond to national emergencies. Other DOE programs also advance national security programs, and DOE is a member of the Intelligence Community. Much of the focus on DOE's national security activities is centered on NNSA facilities and the three NNSA managed national laboratories; however, the other national labs, such as Idaho, Pacific Northwest, and Oak Ridge National Laboratories also provide key national security services. The recent realignment separated the management of the Science laboratories from the remaining energy laboratories, thus all three Under Secretaries oversee a portion of the national security imperative. How will you assure that certain national security programs are not siloed and this most important DOE mission is fully recognized?

A1. The Department of Energy (DOE), and the National Nuclear Security Administration (NNSA) in particular, is charged with important and enduring missions vital to the national security of the United States. To accomplish these missions, NNSA maintains crosscutting capabilities that enable it to advance world-class science, technology, and engineering. NNSA manages three national security laboratories and five nuclear weapons production facilities, but also draws upon the expertise and core capabilities of the remaining DOE national laboratories.

The Under Secretary for Nuclear Security/NNSA Administrator works closely with the Under Secretaries of Energy and Science to build a stronger, more collaborative and mission-focused culture across DOE and the 17 national laboratories and nuclear weapons production facilities.

NNSA is active in many DOE-led boards and committees. The Laboratory Operations Board (LOB), for example, meets monthly to explore streamlining and collaborative opportunities between DOE, NNSA, and their national laboratories. The LOB supports implementation of energy, science, and national security programs by providing a forum for discussion and developing solutions to complex-wide challenges.

Each DOE laboratory has a unique mix of core capabilities meant to be a resource for the Department's science, energy, and national security needs. NNSA has adopted the DOE's Office of Science's annual lab planning process for its three national security laboratories and tailored it to NNSA's specific mission. NNSA also actively participates in the process that the Office of Science conducts on behalf of its ten national laboratories, as well as the four labs overseen by the Under Secretary for Energy. NNSA reviews the strategic plans from a national security perspective to ensure that the laboratories maintain the capabilities needed to meet national security priorities now and in the future. The annual strategic planning process ensures that DOE and its national laboratories remain aligned on research priorities, infrastructure investments, and stewardship of core capabilities to address the science, energy, and national security missions.

DOE Realignment and Reorganization

- Q2. In 2013, then-Secretary Moniz announced as part of a DOE reorganization that he was combining the programs under the Office of Science with the applied energy programs under the newly created Under Secretary of Science and Energy. At the time, he noted this was done partially "to closely integrate and move quickly among basic science, applied research, technology demonstration, and deployment."
- Q2a. Your testimony notes the Department's recent realignment was executed to fully implement this Administration's agenda. Will you please describe for the Committee the rationale for returning to the former structure and how you will assure that the communication and collaboration between the sciences programs are not siloed from the work funded through the energy offices?
- A2a. On December 15, 2017, the Department of Energy (DOE) announced its intent to modernize the agency's organizational structure to advance its policy goals consistent with its statutory requirements.

Under the DOE Organization Act, the Secretary of Energy has the authority to organize the Department to successfully further the Department's mission and support and advance the policy priorities of the new Administration. This Administration's energy priorities include: achieving U.S. energy dominance; protecting our energy and national security; advancing innovation; and improving outcomes in environmental management.

Under the new plan, the Office of Under Secretary for Science and Energy (established in 2013 during the previous Secretary's tenure) has been separated into two Under Secretary positions, restoring the three Under Secretaries outlined in statute: the Under Secretary of Energy; the Under Secretary for Science; and the Under Secretary for Nuclear Security and NNSA Administrator. The Under Secretary of Energy will focus on energy policy, applied energy technologies, energy security and reliability, and certain DOE-wide management functions, while the Under Secretary for Science will focus on supporting innovation, basic scientific research, and environmental cleanup. These measures will enhance DOE's focus on early-stage scientific research and development and energy technology innovation, while improving environmental and legacy management outcomes.

Communication and collaboration between offices within DOE, including our labs, as well as external stakeholders is an important and integral part of daily operations. This coordination will continue between science programs and energy offices under the new structure.

- Q2. In 2013, then-Secretary Moniz announced as part of a DOE reorganization that he was combining the programs under the Office of Science with the applied energy programs under the newly created Under Secretary of Science and Energy. At the time, he noted this was done partially "to closely integrate and move quickly among basic science, applied research, technology demonstration, and deployment."
- Q2b. What are your views on elevating the Department's cross-cutting energy emergency and cybersecurity incident planning, response, and coordination functions?
- A2b. Cybersecurity, energy security, and emergency response are priorities for DOE, and the Department is working closely with stakeholders across Federal agencies, industry, law enforcement, and state governments to ensure resilience is factored into ongoing grid modernization efforts. In coordination with the Department of Homeland Security, DOE works with its energy sector partners, through forums such as the Electricity Subsector Coordinating Council (ESCC) and Oil and National Gas Subsector Coordinating Council (ONG SCC), to prioritize efforts to strengthen cybersecurity preparedness in the energy sector, improve capabilities for cyber incident response and recovery, and accelerate innovative research and development of resilient energy delivery systems. The effects of

Hurricane Maria in Puerto Rico highlight DOE's important mission in natural disaster response for energy supply disruptions.

The Fixing America's Surface Transportation (FAST) Act provides additional authority to the Department for securing defense critical electric infrastructure against physical, cyber, geomagnetic, and electromagnetic disturbances.

To that end, the Secretary of Energy announced in January the establishment of an Office of Cybersecurity, Energy Security, and Emergency Response (CESER). This organizational change will enable the Department to strengthen its role as the sector-specific agency for the energy sector under Presidential Policy Directive 21 (PPD-21): Critical Infrastructure Security and Resilience, support expanded national security responsibilities, and better address natural disasters and emerging threats.

- Q3. I understand that DOE is continuing the Grid Modernization Laboratory Consortium, which consists of 13 National Labs coordinating to address major challenges associated with maintaining, protecting, and updating our aging national electricity infrastructure. This model helps ensure subject matter experts throughout the complex utilize unique skills to tackle a big problem.
- Q3a. Are there similar big issues which would benefit from such an approach?
- A3a. We plan to expand the GMLC to include the Offices of Nuclear Energy and Fossil Energy, and we are evaluating where else this model can be applied across the enterprise.
- Q3b. The purpose of the Consortium offers the opportunity to fully capture the contractor system, yet the funding for the projects still is disbursed in minimal increments and therefore limiting the ability to "think big" and pursue game changing ideas. This budget atomization is detrimental to achieving DOE's mission. What options are you considering for improving budgetary management as part of this consortium?
- A3b. Grid Management Laboratory Consortium project funding was distributed incrementally primarily due to continuing resolutions until the Department had full-year appropriations. We are hopeful that the recently enacted two-year budget agreement will allow more timely appropriations, which could avert the need to fund activities this way.

DOE Field Offices

- Q4. DOE maintains field offices at all of the National Laboratory sites. The field offices serve as DOE's eyes and ears to oversee the M&O contractor that runs the labs; however, high staffing levels combined with excessive micromanagement can inhibit the "GOCO" model, where the contractor runs the day to day operations at the Lab. Do you recognize that bloated field office staffing may lead to greater transactional interactions with the labs and what is your vision for the field office's role?
- A4. The Department has a responsibility to provide oversight to each of its national laboratories. DOE utilizes a tailored approach of oversight at our national laboratories based on the complexity, risk, and amount of work at each site. Specific areas of Federal oversight include contract management by warranted DOE contracting officers, project management, and facility and worker safety.

For example, within the Office of Science (SC), the Ames National Laboratory has an annual budget of about \$48M per year in funding and no nuclear facilities and has a site office with only 4 Federal FTEs, while Oak Ridge National Laboratory has an annual budget of nearly \$1.4 B per year and multiple high risk nuclear facilities and has a site office of 40 Federal staff providing oversight. DOE continuously analyzes the amount and complexity of work at each national laboratory to determine the best balance of Federal presence.

Throughout DOE, Contractor Assurance Systems (CAS) are utilized to enable reduced Federal site presence. Successful CAS programs rely on a "trust but verify" approach to contract oversight. This enables the appropriate amount of oversight without duplicating M&O contractor efforts and leverages the internal assurance systems existing at each of the labs. While CASs are in varied degrees of maturity throughout DOE, SC has seen positive results in the management of its M&O contracts where effective assurance systems are in place.

In August 2016, DOE initiated a pilot project known as the "Revolutionary Working Group" (RWG) contract model at SLAC National Accelerator Facility. This contract modification was designed to increase trust between Federal and laboratory personnel, remove redundant requirements, and move decision making to the lowest possible level,

including delegation from Federal to laboratory personnel where appropriate. This model has enabled DOE to reduce the SLAC Federal site office personnel by nearly 50% and is estimated to generate about \$2.8 M per year in cost savings/avoidance at SLAC.

In April 2017, DOE initiated expansion of the RWG model contract to other SC labs, including Lawrence Berkeley National Laboratory, Brookhaven National Laboratory, and Thomas Jefferson National Accelerator Facility. These contract modifications are expected to be approved by the end of FY 2018.

Additionally, all of the other Department Program Offices have been directed to analyze whether these contract modifications would be appropriate to implement at their sites.

- Q5. The Advanced Research Projects Agency for Energy was first funded in the 2009 Stimulus legislation and now, over eight years later, a handful of programs have been funded and completed, with the opportunity to evaluate the overall impact of those projects. How is DOE going to review ARPA-E's efficiency and determine the best path forward to assure value for taxpayer funding?
- A5. The Advanced Research Projects Agency for Energy (ARPA-E) programs and projects will ultimately be measured by their impact on U.S. energy dominance. The Fiscal Year (FY) 19 Budget proposes to eliminate ARPA-E because the potential for ARPA-E's efforts to overlap with R&D being carried out, or which should be carried out, by the private sector

The program currently reviews various impact indicators to measure progress. The primary metrics are the amount of private sector follow-on funding, the number of new companies and strategic partnerships formed to move products towards deployment, and the number of patents and publications. As of February 2018:: 1) ARPA-E has provided approximately \$1.8 billion in early-stage R&D funding across more than 600 projects through 43 focused programs and three open funding solicitations (OPEN 2009, OPEN 2012, and OPEN 2015); 2) since 2009, a group of 136 project teams have attracted more than \$2.6 billion in private sector follow-on funding; 3) 71 projects have formed new companies, 109 projects have partnered with other government agencies for further development, and an ever-increasing number of technologies have been incorporated into products sold on the market today; and 4) ARPA-E projects have generated 1,634 peer-

reviewed journal articles, , and 248 patents issued by the U.S. Patent and Trademark Office.

Office of Project Management

- Q6. The previous Administration established the Office of Project Management in 2015 to provide additional oversight for large capital projects, some of which have proven troublesome for the Department to appropriately manage. What is your vision for this office and are there other project oversight gaps that you view as opportunities to address?
- A6. Our Administration is committed to implementing sound project management principles and proven industry best practices. To address challenges with DOE's most complex projects, DOE is adopting a risk-based approach to project management that focuses resources on projects that require senior-level management attention and oversight. In addition, we are continually improving our policies and practices to reflect lessons learned and to model effective approaches to project management. As part of ongoing strategic reform efforts, DOE has also partnered with our national laboratories to institute common sense reforms that incentivize project management excellence, promote accountability and help ensure that projects are consistently delivered on cost and schedule. The Office of Project Management is playing a critical role in leading these reforms to address deficiencies and unmet needs, improve performance, and promote transparency by continually assessing projects performance. In addition, the Office continues to provide oversight to ensure sound project management planning, especially when validating cost estimates.

QUESTIONS FROM REPRESENTATIVE HUDSON

Deputy Secretary of Energy Dan Brouillette

- Q1. With the passage of the FAST Act in 2015, Congress designated the Department of Energy the lead Sector-Specific Agency for cybersecurity for the energy sector. As you know, the nation's energy infrastructure is a highly interdependent network of oil and natural gas pipelines and electric facilities with overlapping jurisdictional boundaries. As the Sector-Specific Agency, DOE is responsible for coordinating multiple federal and state agencies, in addition to infrastructure owners and operators, to keep the system running safely.
- Q1a. Would you please describe the coordination conducted with the Department of Homeland Security and other agencies as it relates to cybersecurity for pipelines?
- A1a. Pipelines are part of the transportation sector. The Department of Homeland Security (DHS) provides overall cybersecurity leadership across the Government, while DHS and the Department of Transportation (DOT) are the sector-specific agencies (SSA) for the transportation sector. DOE is the SSA for cybersecurity across the energy sector. In addition to the FAST Act designation for cybersecurity for the energy sector, Department of Energy (DOE) also serves as the SSA for energy under Presidential Policy Directive 21 (PPD 21): Critical Infrastructure Security and Resilience and the lead Federal agency for Emergency Support Function (ESF) #12 – Energy under the National Response Framework.

Department of Energy (DOE) has established a productive public-private partnership with government partners and the pipeline industry to secure the transport of oil and natural gas. DOE, through the Office of Electricity Delivery and Energy Reliability (OE), works with the Department of Homeland Security (DHS) National Protection and Programs Directorate (NPPD), Transportation Security Administration, U.S. Coast Guard, and Infrastructure Security Compliance Division, as well as the Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration and the Federal Energy Regulatory Commission to streamline pipeline security and safety initiatives as they relate to resilience and reliability.

DOE OE and DHS NPPD co-chair the Energy Government Coordinating Council (EGCC), which convenes groups listed above, as well as others such as the Federal Bureau of Investigation, Office of the Director of National Intelligence, and Natural Resources Canada, to foster a shared national homeland security strategy as it relates to energy infrastructure.

DOE OE and DHS are the government co-chairs of the Oil and Natural Gas Subsector Coordinating Council (ONG SCC), which is the primary vehicle for coordination with all operational segments of the oil and natural gas industry—drilling, exploration and production, marketing, processing, refining, service and supply, transmission, and distribution on a variety of security and resilience issues, with cybersecurity as a standing agenda item. The ONG SCC meets three times a year with senior cybersecurity and physical security representatives from industry to enable the public and private sectors to coordinate oil and natural gas security strategies, activities, and communication to support the Nation’s homeland security mission.

Q1b. Are there actions that Congress should take to clarify authorities or reallocate resources to improve the safety and security of the nation’s pipeline system?

A1b. Under PPD-21, DOE is designated as the SSA for the energy sector. DOE coordinates with DHS’s Transportation Security Administration and DOT’s Pipeline and Hazardous Materials Safety Administration on matters related to the safety and security of the Nation’s pipelines, and DOE works closely with interagency partners to fully support the private sector in its protection efforts. As the SSA, DOE also co-chairs the ONGSCC and EGCC, which provide a forum for information sharing between all responsible public and private officials. The ONG SCC also includes a Standing Pipeline Working Group and is an invaluable resource in DOE’s emergency response efforts.

Q8: “What are the list of schools and universities that has received funding over the past 10 years from your department, as well as the amounts distributed to each university?”

A8: The following tables list the Department of Energy (DOE) Office of Science (SC) funded institutions of higher education. The fiscal year (FY) funding listed with each Institution of Higher Education is the sum of fiscal year funds obligated to that institution for all active awards at that institution. A “\$0” indicates active award(s) forward-funded in a previous fiscal year; a negative (-\$) funding amount reflects a deobligation, most likely resulting from a PI leaving the institution and moving to another.

DOE Office of Science Awarded Institutions of Higher Education by Fiscal Year

Prepared in response to the Question for the Record (QFR) by the Honorable Bobby L. Rush, for the House Energy and Commerce Hearing, January 9, 2018.

FY 2017

Institution	FY 2017 Funding
Abilene Christian University	\$675,000
Arizona State University	\$1,673,132
Auburn University	\$2,584,661
Baylor University	\$427,397
Boise State University	\$0
Boston College	\$980,000
Boston University	\$2,760,001
Bowie State University	\$150,000
Bowling Green State University	\$427,335
Brandeis University	\$670,000
Brigham Young University	\$589,446
Brown University	\$3,416,877
Bryn Mawr College	\$150,000
California Institute of Technology	\$18,781,139
California State University - Dominguez Hills	\$0
California State University - Fullerton	\$0
California State University - Long Beach	\$255,000
California State University - Northridge	\$0
Carnegie Mellon University	\$3,509,171
Case Western Reserve University	\$755,576
Central Michigan University	\$1,199,999
Chapman University	\$497,450
Clark Atlanta University	\$0
Clark University	\$0
Clarkson University	\$570,000
Clemson University	\$881,942
Cleveland State University	\$602,178
College of Charleston	\$0

Institution	FY 2017 Funding
College of William and Mary	\$1,525,759
Colorado School of Mines	\$2,098,861
Colorado State University	\$3,486,586
Columbia University	\$6,895,156
Cornell University	\$7,030,280
Creighton University	\$669,000
CUNY - Advanced Science Research Center (CUNY-ASRC)	\$0
CUNY - Baruch College	\$435,000
CUNY - City College	\$1,748,189
CUNY - Lehman College	\$313,000
CUNY - Queens College	\$340,000
Dartmouth College	\$0
Drexel University	\$250,000
Duke University	\$9,427,753
Emory University	\$831,439
Florida A&M University	\$191,000
Florida Institute of Technology	\$290,000
Florida International University	\$807,000
Florida State University	\$5,811,193
George Mason University	\$0
George Washington University	\$455,000
Georgetown University	\$920,000
Georgia Institute of Technology	\$4,226,727
Georgia State University Research Foundation, Inc.	\$722,000
Hampton University	\$746,408
Harvard Medical School	\$3,450,260
Harvard University	\$6,511,859
Illinois Institute of Technology	\$420,000
Indiana State University	\$0
Indiana University	\$3,333,999
Iowa State University of Science and Technology	\$3,378,802
Jackson State University	\$485,969
Johns Hopkins University	\$2,586,172
Kansas State University	\$3,961,192
Kent State University	\$2,193,717
Lehigh University	\$1,469,452
Lewis & Clark College	\$0
Louisiana State University and A&M College	\$3,869,073
Louisiana Tech University	\$0
Marquette University	\$510,845
Massachusetts Institute of Technology	\$42,815,208
Miami University	-\$630,000
Michigan State University	\$115,503,792

Institution	FY 2017 Funding
Michigan Technological University	\$0
Mississippi State University	\$1,420,000
Missouri University of Science and Technology	\$150,000
Montana State University	\$2,396,710
New Jersey Institute of Technology	\$5,000
New Mexico State University	\$808,000
New York University	\$2,608,083
Norfolk State University	\$0
North Carolina Central University	\$774,004
North Carolina State University	\$2,638,000
North Dakota State University	\$0
Northeastern University	\$1,535,750
Northern Arizona University	\$1,294,739
Northern Illinois University	\$342,000
Northwestern University	\$16,083,141
Ohio State University	\$11,117,968
Ohio University	\$902,000
Oklahoma State University	\$419,000
Old Dominion University	\$671,241
Old Dominion University Research Foundation	\$853,000
Oregon State University	\$1,339,099
Princeton University	\$5,541,791
Purdue University	\$7,606,922
Rensselaer Polytechnic Institute	\$1,680,726
Research Foundation of The City University of New York (CUNY)	\$0
Rutgers, State University of New Jersey - New Brunswick	\$523,000
Rutgers, State University of New Jersey - Newark	\$941,026
Rutgers, State University of New Jersey - Piscataway	\$979,059
Saint Michael's College	\$0
San Diego State University	\$540,427
San Francisco State University	\$417,000
San Jose State University	\$355,285
Santa Clara College	\$0
South Dakota School of Mines & Technology	\$436,000
Southern Illinois University - Carbondale	\$0
Southern Methodist University	\$1,011,000
Stanford University	\$8,333,492
SUNY - Binghamton	\$3,100,000
SUNY - Stony Brook University	\$11,290,812
SUNY - University at Albany	\$1,006,797
Swarthmore College	\$105,000
Syracuse University	\$920,017
Temple University	\$4,714,318

Institution	FY 2017 Funding
Tennessee Technological University	\$617,490
Texas A&M AgriLife Research	\$0
Texas A&M Engineering Experiment Station	\$0
Texas A&M University	\$6,803,796
Texas A&M University - Commerce	\$144,000
Texas A&M University - Galveston	\$0
Texas Christian University	\$448,579
Texas Tech University	\$480,000
Tufts University	\$1,770,000
Tulane University	\$69,000
University of Alabama	\$2,342,094
University of Alabama - Birmingham	\$816,980
University of Alaska - Fairbanks	\$425,000
University of Arizona	\$2,791,915
University of Arkansas	\$450,000
University of California - Berkeley	\$13,898,705
University of California - Davis	\$9,163,765
University of California - Irvine	\$8,215,691
University of California - Los Angeles	\$16,578,297
University of California - Merced	\$823,999
University of California - Riverside	\$4,000,000
University of California - San Diego	\$14,353,692
University of California - Santa Barbara	\$7,904,667
University of California - Santa Cruz	\$3,040,975
University of Central Florida	-\$146,288
University of Chicago	\$3,397,193
University of Cincinnati	\$927,000
University of Colorado - Boulder	\$9,617,564
University of Colorado - Denver	\$555,000
University of Connecticut	\$1,567,795
University Of Delaware	\$5,161,001
University of Florida	\$4,155,825
University of Georgia	\$1,550,471
University of Hawaii	\$1,974,000
University of Houston	\$1,087,000
University of Idaho	\$395,312
University of Illinois - Chicago	\$1,832,069
University of Illinois - Urbana-Champaign	\$14,358,568
University of Iowa	\$472,000
University of Kansas	\$702,000
University of Kentucky	\$2,177,000
University of Maine	\$0
University of Maryland - Baltimore County	\$402,012

Institution	FY 2017 Funding
University of Maryland - College Park	\$8,393,684
University of Massachusetts - Amherst	\$3,531,578
University of Massachusetts - Lowell	\$1,120,078
University of Miami (Coral Gables & South Campuses)	\$0
University of Miami (School of Marine and Atmospheric Science)	\$449,546
University of Michigan	\$12,830,642
University of Minnesota	\$12,477,000
University of Mississippi	\$315,000
University of Missouri - Columbia	\$2,252,672
University of Montana	\$0
University of Nebraska - Lincoln	\$4,755,111
University of Nevada - Reno	\$0
University of New Hampshire	\$192,000
University of New Mexico	\$2,075,000
University of North Carolina - Chapel Hill	\$6,393,034
University of North Georgia	\$0
University of North Texas	\$630,000
University of Notre Dame	\$7,945,003
University of Oklahoma	\$1,195,000
University of Oregon	\$1,246,000
University of Pennsylvania	\$6,499,878
University of Richmond	\$0
University of Rochester	\$3,849,988
University of San Diego	\$0
University of South Carolina	\$2,400,736
University of South Carolina Research Foundation	\$587,835
University of South Dakota	\$0
University of South Florida	\$0
University of Southern California	\$3,339,000
University of Tennessee	\$10,837,194
University of Texas - Arlington	\$1,232,000
University of Texas - Austin	\$13,900,619
University of Texas - Dallas	\$370,000
University of Texas - El Paso	\$0
University of the Pacific	\$0
University of Toledo	\$0
University of Utah	\$2,130,853
University of Vermont and State Agricultural College	\$251,032
University of Virginia	\$5,385,003
University of Washington	\$18,170,368
University of Wisconsin - Eau Claire	\$150,000
University of Wisconsin - Madison	\$60,527,490

Institution	FY 2017 Funding
University of Wisconsin - Milwaukee	\$215,341
University of Wyoming	\$1,450,000
Utah State University	\$1,462,336
Valparaiso University	\$315,000
Vanderbilt University	\$2,059,000
Virginia Commonwealth University	\$1,084,837
Virginia Polytechnic Institute and State University	\$3,304,482
Washington State University	\$2,721,488
Washington University in St. Louis	\$9,710,327
Wayne State University	\$1,416,679
Wellesley College	\$8,000
West Virginia University	\$1,699,191
Western Michigan University	\$0
William Marsh Rice University	\$4,072,157
Yale University	\$5,577,000

FY 2016

Institution	FY 2016 Funding
Abilene Christian University	\$0
Alfred University	\$0
Arizona State University	\$2,215,659
Auburn University	\$2,132,872
Baylor University	\$265,000
Boise State University	\$510,847
Boston College	\$15,000
Boston University	\$3,780,285
Bowie State University	\$300,000
Bowling Green State University	\$50,000
Brandeis University	\$2,302,000
Brigham Young University	\$988,354
Brown University	\$4,158,297
California Institute of Technology	\$17,371,858
California State University - Dominguez Hills	\$235,000
California State University - Fullerton	\$96,000
California State University - Northridge	\$345,000
Carnegie Mellon University	\$3,143,461
Case Western Reserve University	\$1,935,000
Central Michigan University	\$1,785,845
Chapman University	\$499,715
Clark Atlanta University	\$240,000

Institution	FY 2016 Funding
Clark University	\$0
Clemson University	\$2,049,997
College of William and Mary	-\$241,999
Colorado School of Mines	\$1,042,776
Colorado State University	\$6,467,321
Columbia University	\$11,277,991
Cornell University	\$6,132,947
Creighton University	\$0
CUNY - Baruch College	\$0
CUNY - Hunter College	\$377,096
CUNY - Lehman College	\$0
Dakota State University	\$8,477
Dartmouth College	\$812,067
Drexel University	\$430,000
Duke University	\$7,928,000
Emory University	\$1,715,137
Florida A&M University	\$0
Florida Institute of Technology	\$290,000
Florida International University	\$1,256,935
Florida State University	\$8,809,477
George Mason University	\$5,000
George Washington University	\$1,891,000
Georgetown University	\$340,000
Georgia Institute of Technology	\$8,876,313
Georgia State University Research Foundation, Inc.	\$1,139,987
Gordon Research Conferences	\$188,005
Hampton University	\$719,000
Harvard Medical School	\$435,000
Harvard School of Public Health	\$2,999,999
Harvard University	\$5,482,224
Hofstra University	\$0
Illinois Institute of Technology	\$865,000
Indiana State University	\$0
Indiana University	\$5,850,877
Iowa State University of Science and Technology	\$5,815,856
Johns Hopkins University	\$5,272,945
Kansas State University	\$4,915,866
Kent State University	\$1,017,000
Lehigh University	\$2,487,953
Lewis & Clark College	\$255,194
Louisiana State University and A&M College	\$3,143,986
Louisiana Tech University	\$130,000
Massachusetts Institute of Technology	\$59,479,500

Institution	FY 2016 Funding
Miami University	\$630,000
Michigan State University	\$112,685,495
Michigan Technological University	\$428,576
Mississippi State University	\$403,000
Missouri University of Science and Technology	\$150,000
Montana State University	\$3,404,404
New Jersey Institute of Technology	\$87,146
New Mexico Consortium	\$0
New Mexico State University	\$465,000
New York University	\$3,412,004
Norfolk State University	\$0
North Carolina Central University	\$0
North Carolina State University	\$2,319,000
North Dakota State University	\$150,000
Northeastern University	\$1,199,725
Northern Arizona University	\$1,296,114
Northern Illinois University	\$840,000
Northwestern University	\$12,556,172
Ohio State University	\$10,582,212
Ohio University	\$1,324,000
Oklahoma State University	\$812,000
Old Dominion University	\$0
Old Dominion University Research Foundation	\$1,434,000
Oregon State University	\$0
Portland State University	\$0
Princeton University	\$10,692,812
Purdue University	\$8,950,735
Rensselaer Polytechnic Institute	\$2,133,758
Research Foundation of The City University of New York (CUNY)	\$920,500
Rutgers, State University of New Jersey - New Brunswick	\$5,056,670
Rutgers, State University of New Jersey - Newark	\$0
Saint Michael's College	\$0
San Diego State University	\$525,000
San Francisco State University	\$0
Santa Clara College	\$0
South Dakota School of Mines & Technology	\$372,000
Southern Illinois University - Carbondale	\$371,088
Southern Methodist University	\$800,000
Stanford University	\$10,166,821
SUNY - Binghamton	\$3,193,903
SUNY - University at Albany	\$1,172,745
SUNY - University of Buffalo	\$539,998

Institution	FY 2016 Funding
Swarthmore College	\$0
Syracuse University	\$1,219,010
Temple University	\$5,225,349
Tennessee Technological University	\$115,000
Texas A&M AgriLife Research	\$397,298
Texas A&M Research Foundation	\$0
Texas A&M University	\$6,359,773
Texas A&M University - Commerce	\$104,000
Texas A&M University - Galveston	\$0
Texas Engineering Experiment Station	\$0
Texas Tech University	\$820,391
Tufts University	\$1,035,000
Tulane University	\$0
University of Alabama	\$1,245,756
University of Alabama - Birmingham	\$569,589
University of Alabama - Huntsville	\$0
University of Alaska - Fairbanks	\$0
University of Arizona	\$3,828,224
University of Arkansas	\$3,262,502
University of California - Berkeley	\$11,387,941
University of California - Davis	\$11,744,910
University of California - Irvine	\$8,466,870
University of California - Los Angeles	\$17,687,956
University of California - Merced	\$649,411
University of California - Riverside	\$8,441,146
University of California - San Diego	\$13,334,515
University of California - Santa Barbara	\$7,388,638
University of California - Santa Cruz	\$4,019,587
University of Central Florida	\$1,165,000
University of Chicago	\$4,734,001
University of Cincinnati	\$910,000
University of Colorado - Boulder	\$0
University of Colorado - Denver	\$11,434,286
University of Connecticut	\$3,177,361
University of Delaware	\$5,053,825
University of Florida	\$4,470,000
University of Georgia	\$1,850,625
University of Hawaii	\$2,098,000
University of Houston	\$2,462,275
University of Idaho	\$393,162
University of Illinois - Chicago	\$1,298,000
University of Illinois - Urbana-Champaign	\$16,028,842
University of Iowa	\$2,370,001

Institution	FY 2016 Funding
University of Kansas	\$2,161,103
University of Kansas Medical Ctr. Res. Inst., Inc.	\$0
University of Kentucky	\$2,138,463
University of Maine	\$150,000
University of Maryland - Baltimore County	\$0
University of Maryland - College Park	\$11,007,939
University of Massachusetts - Amherst	\$3,541,932
University of Massachusetts - Lowell	\$350,000
University of Memphis	-\$164,290
University of Miami (Coral Gables & South Campuses)	\$0
University of Miami (School of Marine and Atmospheric Science)	\$374,867
University of Michigan	\$12,378,362
University of Minnesota	\$9,645,362
University of Mississippi	\$382,000
University of Missouri - Columbia	\$1,533,000
University of Montana	\$180,000
University of Nebraska - Lincoln	\$4,875,126
University of Nevada - Reno	\$1,989,976
University of New Hampshire	\$1,673,896
University of New Mexico	\$1,270,646
University of North Carolina - Chapel Hill	\$6,819,952
University of North Texas	\$1,012,701
University of Notre Dame	\$9,567,811
University of Oklahoma	\$1,190,000
University of Oregon	\$2,897,000
University of Pennsylvania	\$7,287,000
University of Richmond	\$0
University of Rochester	\$5,249,788
University of San Diego	\$0
University of South Carolina	\$3,146,254
University of South Carolina Research Foundation	\$200,000
University of South Dakota	\$120,000
University of South Florida	\$1,329,577
University of Southern California	\$5,075,894
University of Tennessee	\$9,422,057
University of Texas - Arlington	\$1,953,000
University of Texas - Austin	\$15,388,622
University of Texas - Dallas	\$1,172,386
University of Texas - El Paso	\$0
University of the Pacific	\$0
University of Toledo	\$0
University of Tulsa	\$0

Institution	FY 2016 Funding
University of Utah	\$3,963,221
University of Vermont and State Agricultural College	\$586,000
University of Virginia	\$5,597,924
University of Washington	\$20,423,801
University of Wisconsin - Eau Claire	\$150,000
University of Wisconsin - Madison	\$46,418,320
University of Wisconsin - Milwaukee	\$1,624,444
University of Wyoming	\$824,657
Utah State University	\$531,000
Valparaiso University	\$0
Vanderbilt University	\$3,231,000
Virginia Commonwealth University	\$300,000
Virginia Polytechnic Institute and State University	\$3,958,890
Washington State University	\$2,612,332
Washington University in St. Louis	\$6,810,674
Wayne State University	\$1,632,504
West Virginia University	\$798,119
William Marsh Rice University	\$2,545,239
Yale University	\$7,666,916

FY 2015

Institution	FY 2015 Funding
Abilene Christian University	\$420,000
Alfred University	\$27,806
Arizona State University	\$2,169,922
Auburn University	\$1,928,267
Auburn University at Montgomery	\$0
Barnard College	\$0
Baruch College (CUNY)	\$360,000
Baylor University	\$279,920
Binghamtom University (SUNY)	\$3,300,000
Boston College	-\$110,733
Boston University	\$3,131,785
Bowling Green State University	\$188,000
Brandies University	\$1,756,603
Brigham Young University	\$0
Brown University	\$4,645,395
California Institute of Technology	\$17,365,590
California State University - Fullerton	\$0
California State University - Northridge	\$110,000

Institution	FY 2015 Funding
Carnegie Mellon University	\$2,915,319
Case Western Reserve University	\$740,000
Central Michigan University	\$563,393
Chapman University	\$498,618
City College of New York (CUNY)	\$749,000
Clark Atlanta University	\$80,000
Clark University	\$64,871
Clarkson University	\$3,718
Clemson University	\$2,740,000
Clemson University Research Foundation	\$35,000
College of Charleston	\$149,933
College of William and Mary	\$1,481,296
Colorado School of Mines	\$932,609
Colorado State University	\$7,573,351
Columbia University	\$10,862,666
Cornell University	\$8,334,153
Creighton University	\$0
Dakota State University	\$4,000
Dartmouth College	\$571,000
Drexel University	\$655,000
Duke University	\$8,715,383
Emory University	\$685,812
Florida A&M University	\$155,542
Florida Institute of Technology	\$290,000
Florida International University	\$466,000
Florida State University	\$5,126,426
George Mason University	\$74,360
George Washington University	\$612,000
Georgetown University	\$170,000
Georgia Institute of Technology	\$5,256,509
Georgia State University	\$754,244
Hampton University	\$1,200,000
Harvard Medical School	\$435,000
Harvard School of Public Health	\$2,999,998
Hofstra University	\$0
Hope College	\$374,500
Hunter College (CUNY)	\$50,000
Illinois Institute of Technology	\$520,000
Indiana State University	\$330,000
Indiana University	\$5,934,828
Iowa State University of Science and Technology	\$3,096,182
Johns Hopkins University	\$4,825,659
Kansas State University	\$3,395,000

Institution	FY 2015 Funding
Kent State University	\$1,261,000
Lehigh University	\$3,551,912
Lehman College (CUNY)	\$0
Louisiana State University and A&M College	\$2,922,999
Louisiana Tech University	\$208,000
Marine Biological Laboratory	\$350,000
Massachusetts Institute of Technology	\$67,286,961
Miami University	\$690,000
Michigan State University	\$111,091,114
Michigan Technological University	\$95,810
Mississippi State University	\$826,000
Missouri University of Science and Technology	\$708,000
Montana State University	\$2,912,085
New Jersey Institute of Technology	\$5,000
New Mexico Consortium	\$247,966
New Mexico State University	\$465,000
New York University	\$3,767,273
New York University - Brooklyn	\$0
Norfolk State University	\$112,000
North Carolina Central University	\$0
North Carolina State University	\$4,633,006
North Dakota State University	\$150,000
Northeastern University	\$871,131
Northern Arizona University	\$1,251,375
Northern Illinois University	\$394,000
Northwestern University	\$13,436,565
Ohio State University	\$8,783,815
Ohio University	\$1,431,458
Oklahoma State University	\$365,482
Old Dominion University	\$167,000
Old Dominion University Research Foundation	\$2,317,000
Oregon State University	\$660,634
Portland State University	\$210,000
President and Fellows of Harvard College	\$8,760,491
Princeton University	\$8,750,077
Purdue University	\$9,862,507
Queens College (CUNY)	\$120,000
Rensselaer Polytechnic Institute	\$2,118,000
Research Foundation of The City University of New York (CUNY) - Hunter College	\$0
Rutgers, The State University of New Jersey - New Brunswick	\$2,015,469
Rutgers, The State University of New Jersey - Newark	\$360,000

Institution	FY 2015 Funding
Saint Michael's College	\$145,000
San Diego State University	\$1,035,000
San Francisco State University	\$340,000
Santa Clara College	\$71,250
South Dakota School of Mines & Technology	\$292,000
Southern Illinois University	\$99,999
Southern Methodist University	\$1,159,000
Stanford University	\$6,585,518
State University of New York (Suny) - Delhi	\$0
SUNY Environmental Science and Forestry	\$0
Swarthmore College	\$148,000
Syracuse University	\$774,053
Temple University	\$6,442,488
Tennessee Technological University	\$240,000
Texas A&M Agrilife Research	\$401,498
Texas A&M Research Foundation	\$367,000
Texas A&M University	\$6,662,884
Texas A&M University - Commerce	\$155,000
Texas A&M University - Galveston	\$300,000
Texas Engineering Experiment Station	\$1,049,757
Texas Tech University	\$419,888
Tufts University	\$545,000
Tulane University	\$449,999
Union College	-\$39,557
University at Albany (SUNY)	\$340,898
University of Akron	\$0
University of Alabama	\$997,000
University of Alabama - Huntsville	\$0
University of Alaska Fairbanks	\$100,000
University of Arizona	\$2,408,838
University of Arkansas	\$150,000
University of Buffalo (SUNY)	\$1,154,940
University of California - Berkeley	\$12,340,255
University of California - Davis	\$11,303,042
University of California - Irvine	\$7,224,854
University of California - La Jolla	\$2,219,311
University of California - Los Angeles	\$18,056,224
University of California - Merced	\$922,707
University of California - Riverside	\$7,990,382
University of California - San Diego	\$14,043,131
University of California - Santa Barbara	\$8,886,342
University of California - Santa Cruz	\$2,821,000
University of Central Florida	\$977,124

Institution	FY 2015 Funding
University of Chicago	\$6,784,013
University of Cincinnati	\$818,000
University of Colorado - Boulder	\$10,034,212
University of Connecticut	\$3,567,562
University of Delaware	\$4,955,274
University of Florida	\$4,217,678
University of Georgia	\$2,857,583
University of Hawaii	\$1,802,000
University of Houston	\$1,672,000
University of Idaho	\$915,000
University of Illinois - Champaign	\$15,332,923
University of Illinois - Chicago	\$865,000
University of Iowa	\$2,407,000
University of Kansas	\$1,532,000
University of Kentucky	\$915,000
University of Louisiana - Lafayette	\$63,390
University of Louisville	\$0
University of Maryland - Baltimore County	\$1,346,020
University of Maryland - College Park	\$8,901,029
University of Massachusetts - Amherst	\$3,618,800
University of Massachusetts - Lowell	\$340,000
University of Memphis	\$75,000
University of Miami (Coral Gables & South Campuses)	\$455,823
University of Miami (School of Marine and Atmospheric Science)	\$365,050
University of Michigan	\$15,144,515
University of Minnesota	\$12,611,402
University of Mississippi	\$412,000
University of Missouri	\$2,573,171
University of Montana	\$0
University of Nebraska	\$4,349,088
University of Nevada - Las Vegas	\$0
University of Nevada - Reno	\$3,315,268
University of New Hampshire	\$1,503,000
University of New Mexico	\$1,220,993
University of North Carolina - Charlotte	\$12,540
University of North Carolina at Chapel Hill	\$7,238,033
University of North Dakota	\$0
University of North Georgia	\$0
University of North Texas	\$54,000
University of Notre Dame	\$9,260,684
University of Oklahoma	\$4,449,034
University of Oregon	\$2,528,800

Institution	FY 2015 Funding
University of Pennsylvania	\$7,781,000
University of Puerto Rico - Central Administration	\$0
University of Richmond	\$396,000
University of Rochester	\$4,156,580
University of San Diego	\$165,000
University of South Carolina	\$1,096,955
University of South Carolina Research Foundation	\$0
University of South Dakota	\$0
University of South Florida	\$741,018
University of Southern California	\$3,123,693
University of Tennessee	\$4,490,365
University of Texas - Arlington	\$1,010,000
University of Texas - Austin	\$20,454,745
University of Texas - Dallas	\$693,000
University of Texas - El Paso	\$394,290
University of The Pacific	\$334,131
University of Toledo	\$0
University of Tulsa	\$100,000
University of Utah	\$4,825,598
University of Vermont And State Agricultural College	\$154,745
University of Virginia	\$4,737,000
University of Washington	\$17,552,015
University of Wisconsin - Milwaukee	\$1,206,486
University of Wisconsin - Eau Claire	\$150,000
University of Wisconsin - Madison	\$49,798,299
University of Wyoming	\$4,158,858
Utah State University	\$558,000
Valparaiso University	\$210,000
Vanderbilt University	\$2,163,000
Virginia Commonwealth University	\$347,196
Virginia Polytechnic Institute and State University	\$2,526,312
Washington State University	\$1,448,300
Washington University in St. Louis	\$7,986,509
Wayne State University	\$3,840,000
West Virginia University	\$380,000
Western Michigan University	\$0
William Marsh Rice University	\$4,757,672
Xavier University of Louisiana	\$0
Yale University	\$9,727,000
York College (CUNY)	\$95,000
Hebrew University of Jerusalem	\$0.00
McGill University	\$0.00
Monash University	\$583,648.00

Institution	FY 2015 Funding
University of Luxembourg	\$199,269.00
University of Reading	\$0.00

FY 2014

Institution	FY 2014 Funding
Abilene Christian University	\$187,000
Alfred University	\$28,551
Arizona State University	\$1,531,096
Auburn University	\$1,025,000
Baylor University	\$233,000
Boise State University	\$30,000
Boston College	\$1,534,355
Boston University	\$5,592,987
Bowling Green State University	\$188,000
Brandeis University	\$1,456,000
Brigham Young University	\$389,999
Brown University	\$6,652,832
California Institute of Technology (CalTech)	\$24,339,716
California State University Fullerton	\$96,000
California State University Northridge	\$110,000
California State University, Dominguez Hills	\$55,000
Carnegie Mellon University	\$3,199,299
Case Western Reserve University	\$881,396
Central Michigan University	\$592,393
Cheyney University of Pennsylvania	\$0
City College of New York (CUNY)	\$534,919
City College of New York (CUNY), Baruch College	\$490,000
City College of New York (CUNY), Hunter College	\$231,249
City College of New York (CUNY), Lehman College	\$240,000
City College of New York (CUNY), Queens College	\$218,000
Clark Atlanta University	\$80,000
Clark University	\$63,260
Clemson University	\$2,627,421
College of William and Mary	\$2,375,419
Colorado School of Mines	\$1,698,855
Colorado State University	\$5,531,252
Columbia University	\$8,137,052
Cornell University	\$8,065,399
Creighton University	\$669,000

Institution	FY 2014 Funding
Dartmouth College	\$444,000
Drexel University	\$650,000
Duke University	\$8,782,978
Emory University	\$1,179,817
Florida A&M University	\$334,000
Florida Institute of Technology	\$246,000
Florida International University	\$923,683
Florida State University	\$5,147,782
George Mason University	\$784,879
George Washington University	\$1,761,000
Georgetown University	\$530,000
Georgia Institute of Technology	\$7,656,257
Georgia State University	\$1,641,292
Hampton University	\$690,000
Harvard Medical School	\$435,000
Harvard School of Public Health	\$3,000,000
Harvard University	\$9,613,894
Hope College	\$0
Illinois Institute of Technology	\$569,000
Indiana State University	\$0
Indiana University	\$6,516,702
Iowa State University of Science and Technology	\$3,249,383
Johns Hopkins University	\$5,599,101
Kansas State University	\$4,135,950
Kent State University	\$882,000
Lehigh University	\$1,851,953
Loma Linda University	\$0
Louisiana State University and A&M College	\$3,393,999
Louisiana Tech University	\$208,000
Marine Biological Laboratory	\$744,512
Marshall University Research Corporation	\$0
Massachusetts Institute of Technology (MIT)	\$66,360,027
Miami University	\$360,000
Michigan State University	\$7,094,686
Michigan Technological University	\$2,200,384
Mississippi State University	\$884,000
Montana State University	\$2,383,679
New Jersey Institute of Technology	\$100,000
New Mexico State University	\$902,000
New York University	\$4,917,764
New York University Langone Medical Center	\$0

Institution	FY 2014 Funding
Norfolk State University	\$110,000
North Carolina Central University	\$697,000
North Carolina State University	\$4,261,550
North Dakota State University	\$383,000
Northeastern University	\$1,106,000
Northern Arizona University	\$481,313
Northern Illinois University	\$805,000
Northwestern University	\$15,191,050
Ohio State University	\$10,009,876
Ohio University	\$1,068,886
Oklahoma State University	\$851,000
Old Dominion University Research Foundation	\$1,713,000
Oregon State University	\$1,510,382
Portland State University	\$210,000
Prairie View A&M University	\$272,000
Princeton University	\$11,470,892
Purdue University	\$12,652,780
Rensselaer Polytechnic Institute	\$2,858,090
Rice University	\$5,217,409
Rutgers - State University of New Jersey, Newark	\$0
Rutgers, The State University of New Jersey	\$3,309,315
Salk Institute for Biological Studies	\$135,000
San Diego State University Research Foundation	\$343,000
San Francisco State University	\$100,000
Southern Illinois University	\$99,999
Southern Methodist University	\$1,063,000
Stanford University	\$10,098,656
State University of New York (SUNY) - Albany	\$956,335
State University of New York (SUNY) - Binghamton	\$3,000,000
State University of New York (SUNY) - Buffalo	\$628,968
State University of New York (SUNY) - Delhi	\$0
State University of New York (SUNY) - Stony Brook	\$8,216,388
State University of New York (SUNY) - Syracuse	\$80,000
Swarthmore College	\$107,000
Syracuse University	\$835,009
Temple University	\$4,713,881
Tennessee Technological University	\$101,000
Texas A&M University - College Station	\$5,391,978
Texas A&M University - Greenville	\$3,535,000
Texas Engineering Experiment Station - College Station	\$923,520
Texas Tech University	\$1,165,000

Institution	FY 2014 Funding
The University of Vermont and State Agricultural College	\$150,097
Tufts University	\$1,917,478
Tulane Educational Fund	\$80,000
Union College	\$34,000
University of Akron	\$0
University of Alabama	\$1,006,600
University of Alabama - Huntsville	\$590,000
University of Alaska - Fairbanks	\$764,338
University of Arizona	\$3,767,312
University of Arkansas	\$10,000
University of California - Berkeley	\$10,255,051
University of California - Davis	\$10,630,393
University of California - Irvine	\$10,620,182
University of California - Los Angeles	\$20,172,635
University of California - Merced	\$1,366,202
University of California - Riverside	\$7,363,707
University of California - San Diego	\$17,034,333
University of California - San Diego, Scripps Institute of Oceanography (SIO)	\$1,649,543
University of California - San Francisco	\$124,601
University of California - Santa Barbara	\$7,778,021
University of California - Santa Cruz	\$2,934,013
University of Central Florida	\$759,708
University of Chicago	\$5,096,928
University of Cincinnati	\$914,000
University of Colorado	\$12,431,012
University of Connecticut	\$2,129,000
University of Delaware	\$5,017,067
University of Florida	\$4,850,902
University of Georgia	\$3,259,829
University of Hawaii	\$2,877,309
University of Houston	\$2,527,000
University of Idaho	\$95,000
University of Illinois - Chicago	\$1,528,392
University of Illinois - Urbana-Champaign	\$17,362,725
University of Iowa	\$1,062,000
University of Kentucky	\$1,313,960
University of Louisiana - Lafayette	\$50,367
University of Louisville	\$73,000
University of Maine	\$30,000
University of Maryland - Baltimore	\$443,691

Institution	FY 2014 Funding
University of Maryland - College Park	\$9,388,447
University of Massachusetts - Amherst	\$4,095,796
University of Massachusetts - Lowell	\$731,000
University of Memphis	\$75,000
University of Miami	\$653,212
University of Michigan	\$16,737,338
University of Minnesota	\$14,540,972
University of Mississippi	\$264,000
University of Missouri - Columbia	\$720,878
University of Missouri - Rolla (Mo. Univ of Sci and Tech)	\$337,000
University of Montana	\$36,000
University of Nebraska	\$1,395,589
University of Nevada - Las Vegas	\$133,667
University of Nevada - Reno	\$1,705,857
University of New Hampshire	\$1,074,000
University of New Mexico	\$2,586,353
University of North Carolina - Chapel Hill	\$6,925,918
University of North Dakota	\$126,306
University of North Georgia	\$93,000
University of North Texas	\$673,999
University of Notre Dame	\$9,184,086
University of Oklahoma	\$3,800,653
University of Oregon	\$4,976,022
University of Pennsylvania	\$8,265,672
University of Puerto Rico - Mayaguez	\$0
University of Puerto Rico - San Juan	\$0
University of Rhode Island	\$0
University of Richmond	\$56,000
University of Rochester	\$3,590,964
University of South Carolina	\$1,572,892
University of South Florida	\$1,230,714
University of Southern California	\$3,326,201
University of Tennessee	\$4,898,719
University of Texas - Arlington	\$1,070,654
University of Texas - Austin	\$15,425,928
University of Texas - Dallas	\$866,000
University of Texas - El Paso	\$589,820
University of the Pacific	\$80,181
University of Toledo	\$500,000
University of Tulsa	\$0
University of Utah	\$5,923,195

Institution	FY 2014 Funding
University of Virginia	\$5,668,787
University of Washington	\$21,546,876
University of Wisconsin - Eau Claire	\$150,000
University of Wisconsin - Madison	\$51,049,202
University of Wisconsin - Milwaukee	\$1,334,426
University of Wyoming	\$2,226,090
Utah State University	\$410,000
Vanderbilt University	\$2,862,057
Virginia Commonwealth University	\$1,527,196
Virginia Polytechnic Institute and State University (Virginia Tech)	\$3,856,991
Washington State University	\$1,895,347
Washington University	\$9,142,507
Wayne State University	\$2,485,000
West Virginia University	\$952,932
Western Michigan University	\$100,000
Worcester Polytechnic Institute	\$0
Xavier University of Louisiana	\$149,799
Yale University	\$8,299,000

FY 2013

Institution	FY 2013 Funding
ABILENE CHRISTIAN UNIVERSITY	\$187,000
ALFRED UNIVERSITY	\$53,000
ARIZONA STATE UNIVERSITY	\$2,380,000
AUBURN UNIVERSITY	\$1,310,000
BARNARD COLLEGE	\$0
BAYLOR UNIVERSITY	\$423,000
BOISE STATE UNIVERSITY	\$152,000
BOSTON COLLEGE	\$617,000
BOSTON UNIVERSITY	\$3,895,000
BOWLING GREEN STATE UNIVERSITY	\$188,000
BRANDEIS UNIVERSITY	\$1,354,000
BRIGHAM YOUNG UNIVERSITY	\$305,000
BROWN UNIVERSITY	\$6,171,000
CALIFORNIA INST. OF TECHNOLOGY	\$23,118,000
CALIFORNIA STATE U. DOMINGUEZ	\$0
CALIFORNIA STATE U. FULLERTON	\$96,000
CALIFORNIA STATE U. LONG BEACH	\$0
CALIFORNIA STATE UNIV. NORTHRIDGE	\$110,000

Institution	FY 2013 Funding
CALIFORNIA STATE. U. SAN MARCOS	\$60,000
CARNEGIE MELLON UNIVERSITY	\$1,836,000
CASE WESTERN RESERVE UNIV.	\$1,053,000
CENTRAL MICHIGAN UNIVERSITY	\$350,000
CHEYNEY UNIVERSITY OF PENNSYLVA	\$0
CITY U. OF NEW YORK, BARUCH COLLEGE	\$0
CITY U. OF NEW YORK, CITY COLLEGE	\$545,000
CITY U. OF NEW YORK, HUNTER COLLEGE	\$533,000
CITY U. OF NEW YORK, QUEENS COUNTY	\$120,000
CITY UNIV. OF NEW YORK, LEHMAN COLLEGE	\$80,000
CITY UNIVERSITY OF NEW YORK, YORK COLLEGE	\$93,000
CLARK ATLANTA UNIVERSITY	\$80,000
CLARK UNIVERSITY	\$68,000
CLARKSON UNIVERSITY	\$101,000
CLEMSON UNIVERSITY	\$764,000
COLLEGE OF WILLIAM AND MARY	\$1,293,000
COLORADO SCHOOL OF MINES	\$987,000
COLORADO STATE UNIVERSITY	\$5,641,000
COLUMBIA UNIVERSITY	\$9,899,000
CORNELL UNIVERSITY	\$8,790,000
CREIGHTON UNIVERSITY	\$215,000
DAKOTA STATE UNIVERSITY	\$8,000
DARTMOUTH COLLEGE	\$503,000
DREXEL UNIVERSITY	\$500,000
DUKE UNIVERSITY	\$2,626,000
EMORY UNIVERSITY	\$1,182,000
FAIRFIELD UNIVERSITY	\$0
FLORIDA A&M UNIVERSITY	\$284,000
FLORIDA INSTITUTE OF TECHNOLOGY	\$163,000
FLORIDA INTERNATIONAL UNIV.	\$675,000
FLORIDA STATE UNIVERSITY	\$4,839,000
GEORGE MASON UNIVERSITY	\$129,000
GEORGE WASHINGTON UNIVERSITY	\$1,370,000
GEORGETOWN UNIVERSITY	\$260,000
GEORGIA INSTITUTE OF TECHNOLOGY	\$4,001,000
GEORGIA STATE UNIVERSITY	\$613,000
HAMPTON UNIVERSITY	\$340,000
HARVARD UNIVERSITY	\$10,267,000
HOFSTRA UNIVERSITY	\$0
IDAHO STATE UNIVERSITY	\$0
ILLINOIS INST. OF TECHNOLOGY	\$538,000
INDIANA STATE UNIVERSITY	\$0
INDIANA UNIVERSITY, BLOOMINGTON	\$4,858,000
IOWA STATE UNIVERSITY	\$3,263,000
JOHNS HOPKINS UNIVERSITY	\$3,900,000
KANSAS STATE UNIVERSITY	\$3,580,000
KENT STATE UNIVERSITY	\$870,000
LEHIGH UNIVERSITY	\$1,501,000

Institution	FY 2013 Funding
LOUISIANA STATE UNIVERSITY	\$4,683,000
LOUISIANA TECH UNIVERSITY	\$185,000
LUTHERAN UNIVERSITY ASSOCIATION	\$154,000
MASSACHUSETTS INST. OF TECHNOLOGY	\$52,020,000
MIAMI UNIVERSITY	\$333,000
MICHIGAN STATE UNIVERSITY	\$31,643,000
MICHIGAN TECH. UNIVERSITY	\$672,000
MISSISSIPPI STATE UNIVERSITY	\$848,000
Missouri University of Science and Technology	\$150,000
MONTANA STATE UNIVERSITY	\$754,000
NEW JERSEY INSTITUTE OF TECHNOLOGY	\$164,000
NEW MEXICO STATE UNIVERSITY, LAS CRUCES	\$708,000
NEW YORK UNIVERSITY	\$1,401,000
NEW YORK UNIVERSITY, POLYTECHNIC	\$90,000
NORFOLK STATE UNIVERSITY	\$105,000
NORTH CAROLINA CENTRAL UNIV.	\$100,000
NORTH CAROLINA STATE UNIVERSITY	\$3,335,000
NORTH DAKOTA STATE UNIVERSITY	\$240,000
NORTH GEORGIA COLLEGE & STATE U.	\$93,000
NORTHEASTERN UNIVERSITY	\$1,263,000
NORTHERN ARIZONA UNIVERSITY	\$1,119,000
NORTHERN ILLINOIS UNIVERSITY	\$374,000
NORTHWESTERN UNIVERSITY	\$12,160,000
OCCIDENTAL COLLEGE	\$0
OHIO STATE UNIVERSITY	\$6,510,000
OHIO UNIVERSITY	\$1,075,000
OKLAHOMA STATE UNIVERSITY	\$888,000
OLD DOMINION UNIVERSITY	\$1,701,000
OREGON STATE UNIVERSITY	\$810,000
PENNSYLVANIA STATE UNIVERSITY	\$6,849,000
PORTLAND STATE UNIVERSITY	\$250,000
PRAIRIE VIEW A&M UNIVERSITY	\$127,000
PRINCETON UNIVERSITY	\$11,615,000
PURDUE UNIVERSITY	\$8,898,000
RENSSELAER POLYTECHNIC INST.	\$1,888,000
RICE UNIVERSITY	\$3,219,000
ROCKEFELLER UNIVERSITY	\$180,000
RUTGERS UNIVERSITY, NEW BRUNSWICK	\$3,614,000
RUTGERS UNIVERSITY, NEWARK	\$181,000
SAINT MICHAELS COLLEGE	\$33,000
SAN DIEGO STATE UNIVERSITY	\$277,000
SAN FRANCISCO STATE UNIVERSITY	\$185,000
SMITHSONIAN ASTROPHYSICAL OBSERVATORY	\$475,000
SMITHSONIAN INSTITUTION	\$253,000
SOUTH DAKOTA, UNIVERSITY OF	\$945,000
SOUTHERN ILLINOIS UNIVERSITY	\$99,000
SOUTHERN METHODIST UNIVERSITY	\$741,000
STANFORD UNIVERSITY	\$11,967,000

Institution	FY 2013 Funding
STATE BOARD OF COMMUNITY COLLEGES	\$0
STATE U. OF NEW YORK AT ALBANY	\$301,000
STATE U. OF NEW YORK AT BUFFALO	\$566,000
STATE U. OF NEW YORK AT DELHI	\$0
STATE U. OF NEW YORK AT STONY BROOK	\$9,104,000
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON	\$150,000
SWARTHMORE COLLEGE	\$107,000
SYRACUSE UNIVERSITY	\$805,000
TEMPLE UNIVERSITY	\$1,154,000
TENNESSEE TECH. UNIVERSITY	\$94,000
TEXAS A&M UNIVERSITY, COLLEGE STATION	\$6,654,000
TEXAS A&M UNIVERSITY, COMMERCE	\$94,000
TEXAS TECH UNIVERSITY	\$1,047,000
TUFTS UNIVERSITY	\$959,000
TULANE UNIVERSITY	\$153,000
U. OF CALIFORNIA AT BERKELEY	\$7,413,000
U. OF CALIFORNIA AT DAVIS	\$10,691,000
U. OF CALIFORNIA AT IRVINE	\$6,010,000
U. OF CALIFORNIA AT LOS ANGELES	\$18,063,000
U. OF CALIFORNIA AT MERCED	\$1,154,000
U. OF CALIFORNIA AT RIVERSIDE	\$4,277,000
U. OF CALIFORNIA AT SAN DIEGO	\$12,168,000
U. OF CALIFORNIA AT SAN FRANCISCO	\$163,000
U. OF CALIFORNIA AT SANTA BARBARA	\$6,494,000
U. OF CALIFORNIA AT SANTA CRUZ	\$3,496,000
U. OF ILLINOIS AT URBANA-CHAMPAIGN	\$14,896,000
U. OF MARYLAND, BALTIMORE COUNTY	\$0
U. OF MARYLAND, COLLEGE PARK	\$8,809,000
U. OF MASSACHUSETTS, AMHERST	\$4,905,000
U. OF MASSACHUSETTS, LOWELL	\$322,000
U. OF NORTH CAROLINA, CHAPEL HILL	\$2,214,000
UNION COLLEGE	\$34,000
UNIVERSITY OF TEXAS, ARLINGTON	\$959,000
UNIVERSITY OF AKRON	\$122,000
UNIVERSITY OF ALABAMA AT HUNTSVILLE	\$437,000
UNIVERSITY OF ALABAMA AT TUSCALOOSA	\$1,377,000
UNIVERSITY OF ALASKA, FAIRBANKS	\$1,354,000
UNIVERSITY OF ARIZONA	\$4,263,000
UNIVERSITY OF ARKANSAS, FAYETTEVILLE	\$400,000
UNIVERSITY OF CENTRAL FLORIDA	\$1,008,000
UNIVERSITY OF CHICAGO	\$4,417,000
UNIVERSITY OF CINCINNATI	\$876,000
UNIVERSITY OF COLORADO AT BOULDER	\$10,923,000
UNIVERSITY OF CONNECTICUT	\$1,697,000
UNIVERSITY OF DELAWARE	\$3,000,000
UNIVERSITY OF FLORIDA	\$4,764,000
UNIVERSITY OF GEORGIA	\$2,559,000
UNIVERSITY OF HAWAII	\$2,560,000

Institution	FY 2013 Funding
UNIVERSITY OF HOUSTON	\$1,499,000
UNIVERSITY OF IDAHO	\$0
UNIVERSITY OF ILLINOIS AT CHICAGO	\$1,121,000
UNIVERSITY OF IOWA	\$1,485,000
UNIVERSITY OF KANSAS	\$1,029,000
UNIVERSITY OF KENTUCKY	\$1,459,000
UNIVERSITY OF LOUISIANA AT LAFAYETTE	\$69,000
UNIVERSITY OF LOUISVILLE	\$78,000
UNIVERSITY OF MAINE	\$649,000
UNIVERSITY OF MEMPHIS	\$75,000
UNIVERSITY OF MIAMI	\$621,000
UNIVERSITY OF MICHIGAN	\$13,950,000
UNIVERSITY OF MINNESOTA, MINNEAPOLIS	\$10,305,000
UNIVERSITY OF MISSISSIPPI	\$118,000
UNIVERSITY OF MISSOURI	\$2,084,000
UNIVERSITY OF MONTANA	\$0
UNIVERSITY OF NEBRASKA, LINCOLN	\$959,000
UNIVERSITY OF NEBRASKA, OMAHA	\$0
UNIVERSITY OF NEVADA, LAS VEGAS	\$0
UNIVERSITY OF NEVADA, RENO	\$2,948,000
UNIVERSITY OF NEW HAMPSHIRE	\$814,000
UNIVERSITY OF NEW MEXICO	\$2,628,000
UNIVERSITY OF NORTH DAKOTA	\$121,000
UNIVERSITY OF NORTH TEXAS	\$606,000
UNIVERSITY OF NOTRE DAME	\$6,054,000
UNIVERSITY OF OKLAHOMA	\$4,199,000
UNIVERSITY OF OREGON	\$3,621,000
UNIVERSITY OF PENNSYLVANIA	\$6,578,000
UNIVERSITY OF PITTSBURGH	\$2,954,000
UNIVERSITY OF PUERTO RICO, MAYAGUEZ	\$0
UNIVERSITY OF PUERTO RICO, SAN JUAN	\$69,000
UNIVERSITY OF RHODE ISLAND	\$0
UNIVERSITY OF RICHMOND	\$98,000
UNIVERSITY OF ROCHESTER	\$5,738,000
UNIVERSITY OF SOUTH ALABAMA	\$0
UNIVERSITY OF SOUTH CAROLINA	\$3,452,000
UNIVERSITY OF SOUTH FLORIDA	\$555,000
UNIVERSITY OF SOUTHERN CALIFORNIA	\$3,646,000
UNIVERSITY OF TENNESSEE, KNOXVILLE	\$6,017,000
UNIVERSITY OF TEXAS, AUSTIN	\$15,019,000
UNIVERSITY OF TEXAS, DALLAS	\$1,014,000
UNIVERSITY OF TEXAS, EL PASO	\$232,000
UNIVERSITY OF TEXAS, HEALTH SC. CTR.	\$0
UNIVERSITY OF THE PACIFIC	\$81,000
UNIVERSITY OF TULSA	\$0
UNIVERSITY OF UTAH	\$4,352,000
UNIVERSITY OF VERMONT	\$330,000
UNIVERSITY OF VIRGINIA	\$2,200,000

Institution	FY 2013 Funding
UNIVERSITY OF WASHINGTON, SEATTLE	\$17,349,000
UNIVERSITY OF WISCONSIN, EAU CLAIRE	\$0
UNIVERSITY OF WISCONSIN, MADISON	\$48,492,000
UNIVERSITY OF WISCONSIN, MILWAUKEE	\$1,187,000
UNIVERSITY OF WYOMING	\$1,663,000
UTAH STATE UNIVERSITY	\$303,000
VANDERBILT UNIVERSITY	\$2,225,000
VIRGINIA COMMONWEALTH UNIVERSITY	\$741,000
VIRGINIA POLYTECHNIC INSTITUTE	\$2,724,000
VIRGINIA, UNIVERSITY OF	\$4,221,000
WASHINGTON STATE UNIVERSITY	\$1,505,000
WASHINGTON UNIVERSITY	\$7,671,000
WAYNE STATE UNIVERSITY	\$1,702,000
WEST VIRGINIA UNIVERSITY	\$150,000
WESTERN MICHIGAN UNIVERSITY	\$485,000
WORCESTER POLYTECHNIC INSTITUTE	\$0
WRIGHT STATE UNIVERSITY	\$121,000
XAVIER UNIVERSITY OF LOUISIANA	\$144,000
YALE UNIVERSITY	\$6,371,000

FY 2012

Institution	FY 2012 Funding
ABILENE CHRISTIAN UNIVERSITY	\$187,000
ALFRED UNIVERSITY	\$75,000
ARIZONA STATE UNIVERSITY	\$2,349,000
AUBURN UNIVERSITY	\$1,237,000
BAYLOR UNIVERSITY	\$270,000
BOISE STATE UNIVERSITY	\$75,000
BOSTON COLLEGE	\$760,000
BOSTON UNIVERSITY	\$4,110,000
BOWLING GREEN STATE UNIVERSITY	\$365,000
BRANDEIS UNIVERSITY	\$1,172,000
BRIGHAM YOUNG UNIVERSITY	\$242,000
BROWN UNIVERSITY	\$5,701,000
CALIFORNIA INST. OF TECHNOLOGY	\$22,880,000
CALIFORNIA STATE U. DOMINGUEZ	\$55,000
CALIFORNIA STATE U. FULLERTON	\$96,000
CALIFORNIA STATE U. LONG BEACH	\$40,000
CALIFORNIA STATE UNIV. NORTHRIDGE	\$110,000
CALIFORNIA STATE UNIVERSITY EAST BAY	\$121,000
CALIFORNIA STATE. U. SAN MARCOS	\$60,000
CARNEGIE MELLON UNIVERSITY	\$3,022,000

Institution	FY 2012 Funding
CASE WESTERN RESERVE UNIV.	\$864,000
CENTRAL MICHIGAN UNIVERSITY	\$217,000
CITY U. OF NEW YORK, BARUCH COLLEGE	\$240,000
CITY U. OF NEW YORK, CITY COLLEGE	\$659,000
CITY U. OF NEW YORK, HUNTER COLLEGE	\$929,000
CITY U. OF NEW YORK, QUEENS COUNTY	\$0
CITY UNIV. OF NEW YORK, LEHMAN COLLEGE	\$80,000
CLARK ATLANTA UNIVERSITY	\$80,000
CLARK UNIVERSITY	\$0
CLARKSON UNIVERSITY	\$99,000
CLEMSON UNIVERSITY	\$805,000
COLLEGE OF WILLIAM AND MARY	\$1,401,000
COLORADO SCHOOL OF MINES	\$905,000
COLORADO STATE UNIVERSITY	\$4,080,000
COLUMBIA UNIVERSITY	\$9,234,000
CORNELL UNIVERSITY	\$6,699,000
CREIGHTON UNIVERSITY	\$231,000
DARTMOUTH COLLEGE	\$220,000
DREXEL UNIVERSITY	\$576,000
DUKE UNIVERSITY	\$7,653,000
EMORY UNIVERSITY	\$1,012,000
FAIRFIELD UNIVERSITY	\$31,000
FLORIDA A&M UNIVERSITY	\$370,000
FLORIDA INSTITUTE OF TECHNOLOGY	\$226,000
FLORIDA INTERNATIONAL UNIV.	\$1,009,000
FLORIDA STATE UNIVERSITY	\$4,201,000
GEORGE MASON UNIVERSITY	\$266,000
GEORGE WASHINGTON UNIVERSITY	\$1,014,000
GEORGETOWN UNIVERSITY	\$260,000
GEORGIA STATE UNIV. RES. FOUND.	\$615,000
GEORGIA TECH RESEARCH CORP	\$4,323,000
HAMPTON UNIVERSITY	\$550,000
HARVARD UNIVERSITY	\$8,918,000
HOPE COLLEGE	\$840,000
IDAHO STATE UNIVERSITY	\$0
ILLINOIS INST. OF TECHNOLOGY	\$510,000
INDIANA STATE UNIVERSITY	\$110,000
INDIANA UNIVERSITY, BLOOMINGTON	\$5,264,000
IOWA STATE UNIVERSITY	\$2,698,000
JOHNS HOPKINS UNIVERSITY	\$4,092,000
KANSAS STATE UNIVERSITY	\$4,384,000
KENT STATE UNIVERSITY	\$1,635,000
LANGSTON UNIVERSITY	\$0

Institution	FY 2012 Funding
LEHIGH UNIVERSITY	\$944,000
LOMA LINDA UNIVERSITY	\$0
LOUISIANA STATE UNIVERSITY	\$3,960,000
LOUISIANA TECH UNIVERSITY	\$246,000
LUTHERAN UNIVERSITY ASSOCIATION	\$154,000
MARINE BIOLOGICAL LABORATORY	\$855,000
MASSACHUSETTS INST. OF TECHNOLOGY	\$46,422,000
MIAMI UNIVERSITY	\$80,000
MICHIGAN STATE UNIVERSITY	\$31,263,000
MICHIGAN TECH. UNIVERSITY	\$788,000
MIDDLE TENNESSEE STATE UNIV.	\$0
MISSISSIPPI STATE UNIVERSITY	\$861,000
Missouri University of Science and Technology	\$335,000
MONTANA STATE UNIVERSITY	\$788,000
NEW JERSEY INSTITUTE OF TECHNOLOGY	\$169,000
NEW MEXICO STATE UNIVERSITY, LAS CRUCES	\$727,000
NEW YORK UNIVERSITY	\$4,383,000
NEW YORK UNIVERSITY, POLYTECHNIC	\$449,000
NEW YORK, STATE U. OF BINGHTN	\$150,000
NORFOLK STATE UNIVERSITY	\$105,000
NORTH CAROLINA CENTRAL UNIV.	\$239,000
NORTH CAROLINA STATE UNIVERSITY	\$4,255,000
NORTH DAKOTA STATE UNIVERSITY	\$240,000
NORTH GEORGIA COLLEGE & STATE U.	\$93,000
NORTHEASTERN UNIVERSITY	\$817,000
NORTHERN ILLINOIS UNIVERSITY	\$153,000
NORTHWESTERN UNIVERSITY	\$11,568,000
OHIO STATE UNIVERSITY	\$6,803,000
OHIO UNIVERSITY	\$1,016,000
OKLAHOMA STATE UNIVERSITY	\$691,000
OLD DOMINION UNIVERSITY	\$1,528,000
OREGON HEALTH & SCIENCE UNIVERS	\$307,000
OREGON STATE UNIVERSITY	\$2,111,000
PENNSYLVANIA STATE UNIVERSITY	\$6,979,000
PORTLAND STATE UNIVERSITY	\$220,000
Prairie View A & M University	\$416,000
PRINCETON UNIVERSITY	\$12,010,000
PURDUE UNIVERSITY	\$9,658,000
RENSELAER POLYTECHNIC INST.	\$3,305,000
RICE UNIVERSITY	\$3,377,000
ROCKEFELLER UNIVERSITY	\$564,000
RUTGERS UNIVERSITY, NEW BRUNSWICK	\$4,434,000
RUTGERS UNIVERSITY, NEWARK	\$172,000

Institution	FY 2012 Funding
SAINT MICHAELS COLLEGE	\$33,000
SAN DIEGO STATE UNIVERSITY	\$473,000
SAN FRANCISCO STATE UNIVERSITY	\$200,000
SAN JOSE STATE UNIVERSITY	\$0
SETON HALL UNIVERSITY	\$7,000
SOUTH DAKOTA SCHOOL OF MINES	\$0
SOUTHERN ILLINOIS UNIVERSITY	\$200,000
SOUTHERN METHODIST UNIVERSITY	\$907,000
STANFORD UNIVERSITY	\$14,664,000
STATE BOARD OF COMMUNITY COLLEGE	\$0
STATE U. OF NEW YORK AT ALBANY	\$516,000
STATE U. OF NEW YORK AT BUFFALO	\$942,000
STATE U. OF NEW YORK AT DELHI	\$0
STATE U. OF NEW YORK AT STONY BROOK	\$9,022,000
STATE U. OF NEW YORK AT SYRACUSE	\$0
STATE U. OF NEW YORK, PURCHASE COLLEGE	\$115,000
SWARTHMORE COLLEGE	\$111,000
SYRACUSE UNIVERSITY	\$781,000
TEMPLE UNIVERSITY	\$1,132,000
TENNESSEE TECH. UNIVERSITY	\$101,000
TEXAS A&M UNIVERSITY, COLLEGE STATION	\$8,872,000
TEXAS A&M UNIVERSITY, COMMERCE	\$57,000
TEXAS TECH UNIVERSITY	\$855,000
THE CITADEL	\$23,000
TUFTS UNIVERSITY	\$1,143,000
TULANE UNIVERSITY	\$344,000
U. OF CALIFORNIA AT BERKELEY	\$8,514,000
U. OF CALIFORNIA AT DAVIS	\$11,562,000
U. OF CALIFORNIA AT IRVINE	\$7,318,000
U. OF CALIFORNIA AT LOS ANGELES	\$18,999,000
U. OF CALIFORNIA AT MERCED	\$615,000
U. OF CALIFORNIA AT RIVERSIDE	\$4,174,000
U. OF CALIFORNIA AT SAN DIEGO	\$16,785,000
U. OF CALIFORNIA AT SAN FRANCISCO	\$568,000
U. OF CALIFORNIA AT SANTA BARBARA	\$6,629,000
U. OF CALIFORNIA AT SANTA CRUZ	\$2,461,000
U. OF ILLINOIS AT URBANA-CHAMPAIGN	\$12,699,000
U. OF MARYLAND, BALTIMORE COUNTY	\$128,000
U. OF MARYLAND, COLLEGE PARK	\$9,259,000
U. OF MASSACHUSETTS, AMHERST	\$4,914,000
U. OF MASSACHUSETTS, DARTMOUTH	\$174,000
U. OF MASSACHUSETTS, LOWELL	\$350,000
U. OF NORTH CAROLINA, CHAPEL HILL	\$3,624,000

Institution	FY 2012 Funding
U. OF NORTH CAROLINA, CHARLOTTE	\$0
U. OF TEXAS SOUTHWESTERN MEDICAL CTR	\$0
UNION COLLEGE	\$33,000
UNIVERSITY OF TEXAS, ARLINGTON	\$870,000
UNIVERSITY OF AKRON	\$440,000
UNIVERSITY OF ALABAMA AT HUNTSVILLE	\$474,000
UNIVERSITY OF ALABAMA AT TUSCALOOSA	\$1,140,000
UNIVERSITY OF ALASKA, FAIRBANKS	\$221,000
UNIVERSITY OF ARIZONA	\$3,517,000
UNIVERSITY OF ARKANSAS, FAYETVILLE	\$165,000
UNIVERSITY OF CENTRAL FLORIDA	\$1,524,000
UNIVERSITY OF CHICAGO	\$4,671,000
UNIVERSITY OF CINCINNATI	\$958,000
UNIVERSITY OF COLORADO AT BOULDER	\$11,029,000
UNIVERSITY OF CONNECTICUT	\$2,157,000
UNIVERSITY OF DELAWARE	\$3,306,000
UNIVERSITY OF FLORIDA	\$4,333,000
UNIVERSITY OF GEORGIA	\$3,926,000
UNIVERSITY OF HAWAII	\$2,532,000
UNIVERSITY OF HOUSTON	\$2,273,000
UNIVERSITY OF IDAHO	\$95,000
UNIVERSITY OF ILLINOIS AT CHICAGO	\$1,487,000
UNIVERSITY OF IOWA	\$1,596,000
UNIVERSITY OF KANSAS	\$1,058,000
UNIVERSITY OF KENTUCKY	\$1,541,000
UNIVERSITY OF LOUISVILLE	\$0
UNIVERSITY OF MAINE	\$620,000
UNIVERSITY OF MEMPHIS	\$0
UNIVERSITY OF MIAMI	\$1,316,000
UNIVERSITY OF MICHIGAN	\$14,255,000
UNIVERSITY OF MINNESOTA, DULUTH	\$45,000
UNIVERSITY OF MINNESOTA, MINNEAPOLIS	\$9,722,000
UNIVERSITY OF MISSISSIPPI	\$349,000
UNIVERSITY OF MISSOURI	\$2,753,000
UNIVERSITY OF MONTANA	\$65,000
UNIVERSITY OF NEBRASKA, LINCOLN	\$1,374,000
UNIVERSITY OF NEBRASKA, OMAHA	\$0
UNIVERSITY OF NEVADA, LAS VEGAS	\$554,000
UNIVERSITY OF NEVADA, RENO	\$3,300,000
UNIVERSITY OF NEW HAMPSHIRE	\$1,901,000
UNIVERSITY OF NEW MEXICO	\$2,921,000
UNIVERSITY OF NORTH DAKOTA	\$116,000
UNIVERSITY OF NORTH TEXAS	\$609,000

Institution	FY 2012 Funding
UNIVERSITY OF NORTHERN IOWA	\$0
UNIVERSITY OF NOTRE DAME	\$5,828,000
UNIVERSITY OF OKLAHOMA	\$3,511,000
UNIVERSITY OF OREGON	\$3,529,000
UNIVERSITY OF PENNSYLVANIA	\$7,617,000
UNIVERSITY OF PITTSBURGH	\$5,373,000
UNIVERSITY OF PUERTO RICO, SAN JUAN	\$1,551,000
UNIVERSITY OF RHODE ISLAND	\$23,000
UNIVERSITY OF RICHMOND	\$196,000
UNIVERSITY OF ROCHESTER	\$6,746,000
UNIVERSITY OF SOUTH ALABAMA	\$70,000
UNIVERSITY OF SOUTH CAROLINA	\$3,384,000
UNIVERSITY OF SOUTH DAKOTA	\$123,000
UNIVERSITY OF SOUTH FLORIDA	\$800,000
UNIVERSITY OF SOUTHERN CALIFORNIA	\$2,894,000
UNIVERSITY OF TENNESSEE, KNOXVILLE	\$6,808,000
UNIVERSITY OF TEXAS, AUSTIN	\$13,939,000
UNIVERSITY OF TEXAS, DALLAS	\$786,000
UNIVERSITY OF TEXAS, EL PASO	\$60,000
UNIVERSITY OF TEXAS, HEALTH SC. CTR.	\$0
UNIVERSITY OF THE PACIFIC	\$99,000
UNIVERSITY OF TULSA	\$45,000
UNIVERSITY OF UTAH	\$5,097,000
UNIVERSITY OF VERMONT	\$322,000
UNIVERSITY OF VIRGINIA	\$7,009,000
UNIVERSITY OF WASHINGTON, SEATTLE	\$17,338,000
UNIVERSITY OF WISCONSIN, MADISON	\$51,097,000
UNIVERSITY OF WISCONSIN, MILWAUKEE	\$1,433,000
UNIVERSITY OF WYOMING	\$982,000
UTAH STATE UNIVERSITY	\$397,000
VANDERBILT UNIVERSITY	\$2,278,000
VIRGINIA COMMONWEALTH UNIVERSITY	\$789,000
VIRGINIA POLYTECHNIC INSTITUTE	\$2,507,000
WAKE FOREST UNIVERSITY	\$10,000
WASHINGTON STATE UNIVERSITY	\$2,504,000
WASHINGTON UNIVERSITY	\$9,852,000
WAYNE STATE UNIVERSITY	\$1,875,000
WEST VIRGINIA UNIVERSITY	\$429,000
WESTERN MICHIGAN UNIVERSITY	\$482,000
WORCESTER POLYTECHNIC INSTITUTE	\$142,000
WRIGHT STATE UNIVERSITY	\$89,000
XAVIER UNIVERSITY OF LOUISIANA	\$0
YALE UNIVERSITY	\$8,367,000

FY 2011

Institution	FY 2011 Funding
Abilene Christian University, Abilene, TX	\$197,000.00
Alfred University, Alfred, NY	\$78,836.00
Arizona State University, Tempe, AZ	\$2,253,270.00
Auburn University, Auburn University, AL	\$1,584,761.00
Barnard College, New York, NY	\$150,000.00
Baylor University, Waco, TX	\$210,000.00
Board of Regents of the University of Oklahoma, Norman, OK	\$2,469,300.00
Board of Regents of the University of Wisconsin, Madison, WI	\$39,776,493.00
Board of Regents University of Nebraska Lincoln, Lincoln, NE	\$1,510,207.00
Boise State University, Boise, ID	\$152,000.00
Bowling Green State University, Bowling Green, OH	\$188,000.00
Brandeis University, Waltham, MA	\$1,107,000.00
Brigham Young University, Provo, UT	\$470,000.00
Brown University, Providence, RI	\$6,641,256.00
Bucknell University, Lewisburg, PA	\$122,512.00
California Institute of Technology, Pasadena, CA	\$23,947,519.00
California State University Dominguez Hills Foundation., Carson, CA	\$58,000.00
California State University Fullerton, Fullerton, CA	\$96,000.00
California State University Long Beach, Long Beach, CA	\$40,000.00
California State University Northridge, Northridge, CA	\$110,000.00
California State University San Marcos, San Marcos, CA	\$60,000.00
Carnegie Mellon University, Pittsburgh, PA	\$4,683,243.00
Case Western Reserve University, Cleveland, OH	\$307,310.00
Central Michigan University, Mount Pleasant, MI	\$452,136.00
Cheyney University of Pennsylvania, Cheyney, PA	\$0.00
Chicago Office of the Board of Education, Chicago, IL	\$0.00
City University of New York, City College, New York, NY	\$609,608.00
City University of New York, College of Staten Isl, Staten Island, NY	\$38,302.00
City University of New York, Hunter College, New York, NY	\$810,000.00
City University of New York, Lehman College, Bronx, NY	\$80,000.00
Clark Atlanta University, Atlanta, GA	\$80,000.00
Clark University, Worcester, MA	\$65,452.00
Clemson University, Clemson, SC	\$660,144.00
College of William and Mary, Williamsburg, VA	\$1,369,060.00
Colorado School of Mines, Golden, CO	\$1,256,902.00
Colorado State University, Fort Collins, CO	\$3,829,216.00
Columbia University, New York, NY	\$10,613,902.00
Connecticut State University, Hartford, CT	\$80,000.00
Cornell University, Ithaca, NY	\$9,393,221.00
Creighton University, Omaha, NE	\$229,000.00
Dartmouth College, Hanover, NH	\$484,213.00
DePaul University, Chicago, IL	\$0.00
Drexel University, Philadelphia, PA	\$474,914.00
Duke University, Durham, NC	\$8,395,889.00
Emory University, Atlanta, GA	\$1,040,000.00
Fairfield University, Fairfield, CT	\$59,933.00

Institution	FY 2011 Funding
Flinders University of South Australia, Adelaide SA 5001, Australia	\$421,349.00
Florida A&M University, Tallahassee, FL	\$356,999.00
Florida Institute of Technology, Melbourne, FL	\$199,000.00
Florida International University, Miami, FL	\$1,118,792.00
Florida State University, Tallahassee, FL	\$3,363,745.00
George Mason University, Fairfax, VA	\$474,876.00
George Washington University, Washington, DC	\$1,784,960.00
Georgetown University, Washington, DC	\$901,874.00
Georgia State University Research Foundation, Inc., Atlanta, GA	\$590,807.00
Georgia Tech Research Corporation, Atlanta, GA	\$5,673,679.00
Hampton University, Hampton, VA	\$472,500.00
Harvard College, Cambridge, MA	\$5,182,571.00
Howard University, Washington, DC	\$23,400.00
Idaho State University, Pocatello, ID	\$1,488,000.00
Illinois Institute of Technology, Chicago, IL	\$688,606.00
Indiana University, Indianapolis, Bloomington, IN	-\$232,715.00
Iowa State University of Science and Technology, Ames, IA	\$2,999,315.00
Johns Hopkins University, Baltimore, MD	\$4,369,776.00
Kansas State University, Manhattan, KS	\$3,957,306.00
Kent State University, Kent, OH	\$1,445,965.00
Lancaster University, Bailrigg, Lancaster UK, LA1 4Y	\$47,759.00
Langston University, Langston, OK	\$70,000.00
Lehigh University, Bethlehem, PA	\$1,492,794.00
Loma Linda University, Loma Linda, CA	\$477,805.00
Louisiana State University and A&M College, Baton Rouge, LA	\$3,923,107.00
Louisiana Tech University, Ruston, LA	\$248,000.00
Lutheran University Association, Inc., Valparaiso, IN	\$211,000.00
Massachusetts Institute of Technology, Cambridge, MA	\$60,114,071.00
McGill University, Montreal, Canada	\$138,514.00
McMaster University, Hamilton, Ontario, Canada	\$200,000.00
Miami University, Oxford, OH	\$146,951.00
Michigan State University, East Lansing, MI	\$20,332,561.00
Michigan Technological University, Houghton, MI	\$1,218,970.00
Middle Tennessee State University, Murfreesboro, TN	\$0.00
Mississippi State University, Mississippi State, MS	\$1,022,978.00
Missouri University of Science and Technology, Rolla, MO	\$175,000.00
Monash University, Clayton, Australia	\$349,293.00
Montana State University, Bozeman, MT	\$1,073,574.00
Nevada System of Higher Education - Las Vegas, Las Vegas, NV	\$180,000.00
Nevada System of Higher Education - Reno, Reno, NV	\$61,418.00
New Jersey Institute of Technology, Newark, NJ	\$164,774.00
New Mexico State University, Las Cruces, Las Cruces, NM	\$775,000.00
New York University, New York, NY	\$3,317,149.00
Norfolk State University, Norfolk, VA	\$110,000.00
North Carolina Central Univ., Durham, NC	\$283,000.00
North Carolina State University, Raleigh, NC	\$5,210,233.00
North Dakota State University, Fargo, ND	\$90,000.00
North Georgia College and State University, Dahlonega, GA	\$133,000.00
Northeastern University, Boston, MA	\$2,396,772.00
Northern Arizona University, Flagstaff, AZ	\$0.00

Institution	FY 2011 Funding
Northern Illinois University, DeKalb, IL	\$538,000.00
Northwestern University, Evanston, IL	\$14,778,809.00
NV System of Higher Ed OBO Desert Res Inst-LV, Reno, NV	\$370,996.00
NV System of Higher Ed OBO Desert Res Inst-Reno, Reno, NV	\$170,714.00
Occidental College, Los Angeles, CA	\$65,000.00
Ohio State University, Columbus, OH	\$6,821,297.00
Ohio University, Athens, OH	\$1,075,511.00
Oklahoma State University, Stillwater, Stillwater, OK	\$963,202.00
Old Dominion University Research Foundation, Norfolk, VA	\$1,098,000.00
Old Dominion University, Norfolk, VA	\$150,000.00
Oregon Health & Science University, Portland, OR	\$547,356.00
Oregon State University, Corvallis, OR	\$2,097,271.00
Oxford Brookes University, Oxford, United Kingdom	\$0.00
Pennsylvania State University, University Park, PA	\$6,299,692.00
Polytechnic Institute of New York University, Brooklyn, NY	\$720,172.00
Polytechnic Institute of New York University, New York, NY	\$100,000.00
Portland State University, Portland, OR	\$220,000.00
Prairie View A&M Research Foundation, Prairie View, TX	\$473,000.00
Purdue University, West Lafayette, IN	\$8,372,439.00
Regents of the University of California, Irvine, Irvine, CA	\$8,438,667.00
Regents of the University of Idaho, Moscow, ID	\$155,147.00
Regents of the University of Minnesota, Minneapolis, MN	\$8,643,403.00
Regents of the University of New Mexico, Albuquerque, NM	\$3,685,255.00
Rensselaer Polytechnic Institute, Troy, NY	\$3,097,560.00
Research Foundation of CUNY on behalf of Hunter College CUNY, NY	\$145,000.00
Research Foundation of The City University of New York	\$82,491.00
Research Foundation on behalf of Baruch College CUNY, NY	\$176,000.00
Rush University Medical Center, Chicago, IL	\$0.00
Rutgers - State University of New Jersey, Newark, Newark, NJ	\$538,124.00
Rutgers - The State University of New Jersey, New Brunswick, NJ	\$4,382,615.00
Saint Michael's College, Colchester, VT	\$33,000.00
San Diego State University Foundation, San Diego, CA	\$291,361.00
San Francisco State University, San Francisco, CA	\$140,000.00
San Jose State University Foundation, San Jose, CA	\$110,955.00
South Dakota School of Mines & Technology, Rapid City, SD	\$0.00
Southern Illinois University, Carbondale, Carbondale, IL	\$454,812.00
Stanford University, Palo Alto, CA	\$11,205,840.00
State University of New York at Albany, Albany, NY	\$701,744.00
State University of New York Delhi, Delhi, NY	\$0.00
State University of New York, Binghamton, Binghamton, NY	\$150,000.00
State University of New York, Buffalo, Amherst, NY	\$827,615.00
State University of New York, Stony Brook, Stony Brook, NY	\$9,456,396.00
State University of New York, Syracuse, Syracuse, NY	\$87,000.00
Swarthmore College, Swarthmore, PA	\$114,000.00
Syracuse University, Syracuse, NY	\$757,000.00
Temple University, Philadelphia, PA	\$814,320.00
Tennessee Technological University, Cookeville, TN	\$97,000.00
Texas A&M Research Foundation, College Station, TX	\$4,745,803.00
Texas A&M University, College Station, College Station, TX	\$3,683,310.00
Texas A&M University, Commerce, Commerce, TX	\$121,744.00

Institution	FY 2011 Funding
Texas Engineering Experiment Station, College Station, TX	\$663,181.00
Texas Tech University, Lubbock, TX	\$1,360,202.00
The Citadel, Charleston, SC	\$23,000.00
The Curators of the University of Missouri, Columbia, MO	\$2,757,703.00
The Hebrew University of Jerusalem, Jerusalem, Israel	\$350,994.00
The President and Fellows of Harvard College, Boston, MA	\$2,654,357.00
The Regents of the Univ. of Calif., U.C. San Diego, La Jolla, CA	\$13,498,256.00
The Regents of the University of California - UCSD, La Jolla, CA	\$0.00
The Regents of the University of California, Davis, Davis, CA	\$12,832,796.00
The Regents of the University of California, San D, La Jolla, CA	\$2,233,951.00
The Regents of the University of Colorado, Aurora, CO	\$5,548,042.00
The Regents of the University of Colorado, Boulder, CO	\$3,878,722.00
The Regents of the University of Michigan, Ann Arbor, MI	\$11,134,519.00
The Rockefeller University, New York, NY	\$534,000.00
The Trustees of Princeton University, Princeton, NJ	\$14,131,236.00
The University of North Carolina at Chapel Hill, Chapel Hill, NC	\$3,689,045.00
Trustees of Boston College, Chestnut Hill, MA	\$1,334,999.00
Trustees of Boston University, Boston, MA	\$4,398,020.00
Trustees of Indiana University, Bloomington, Bloomington, IN	\$4,596,217.00
Tufts University, Medford, MA	\$1,759,340.00
Tulane Educational Fund, New Orleans, LA	\$194,113.00
Union College, Schenectady, NY	\$33,000.00
University of Akron, Akron, OH	\$401,591.00
University of Alabama Huntsville, Huntsville, AL	\$537,568.00
University of Alabama Tuscaloosa, Tuscaloosa, AL	\$1,941,548.00
University of Alaska Fairbanks, Fairbanks, AK	\$2,100,728.00
University of Arizona, Tucson, AZ	\$2,811,026.00
University of Arkansas at Little Rock, Little Rock, AR	\$0.00
University of Arkansas, Fayetteville, AR	\$315,000.00
University of British Columbia, Vancouver, Canada	\$169,354.00
University of California, Berkeley, Berkeley, CA	\$7,624,879.00
University of California, Los Angeles, Los Angeles, CA	\$21,133,120.00
University of California, Merced, Merced, CA	\$1,238,931.00
University of California, Riverside, Riverside, CA	\$4,413,070.00
University of California, San Francisco, San Francisco, CA	\$689,811.00
University of California, Santa Barbara, Santa Barbara, CA	\$6,499,770.00
University of California, Santa Cruz, Santa Cruz, CA	\$4,649,005.00
University of Central Florida, Orlando, FL	\$1,141,334.00
University of Chicago, Chicago, IL	\$4,887,147.00
University of Cincinnati, Cincinnati, OH	\$930,000.00
University of Colorado at Denver & Health Sc. Ctr., Aurora, CO	\$150,000.00
University of Connecticut, Storrs, CT	\$2,186,313.00
University of Dayton, Dayton, OH	\$486,000.00
University of Delaware, Newark, DE	\$4,961,295.00
University of East Anglia, Norwich, United Kingdom	\$198,485.00
University of Florida, Gainesville, FL	\$5,581,838.00
University of Georgia Research Foundation, Inc., Athens, GA	\$3,021,193.00
University of Hawaii, Honolulu, HI	\$2,332,666.00
University of Houston, Houston, TX	\$2,067,155.00
University of Illinois at Chicago, Chicago, IL	\$1,668,031.00

Institution	FY 2011 Funding
University of Illinois at Urbana-Champaign, Champaign, IL	\$17,618,063.00
University of Iowa, Iowa City, IA	\$2,066,984.00
University of Kansas Center for Research, Inc., Lawrence, KS	\$1,027,741.00
University of Kentucky Research Foundation, Lexington, KY	\$1,506,000.00
University of Lethbridge, Lethbridge, Canada	\$470,994.00
University of Louisville Research Foundation, Inc., Louisville, KY	\$105,000.00
University of Maine System, Orono, ME	\$620,000.00
University of Maryland Baltimore County, Baltimore, MD	\$126,675.00
University of Maryland Biotechnology Inst., Baltimore, MD	\$0.00
University of Maryland, Baltimore, Baltimore, MD	\$267,504.00
University of Maryland, College Park, College Park, MD	\$11,539,380.00
University of Massachusetts at Boston, Boston, MA	\$0.00
University of Massachusetts, Amherst, Amherst, MA	\$7,171,781.00
University of Massachusetts, Dartmouth, Dartmouth, MA	\$175,001.00
University of Massachusetts, Lowell, Lowell, MA	\$228,000.00
University of Memphis, Memphis, TN	\$142,120.00
University of Miami, Medical Campus, Miami, FL	\$741,030.00
University of Minnesota, Duluth, Minneapolis, MN	\$45,000.00
University of Mississippi, University, MS	\$361,000.00
University of Missouri-Kansas City, Kansas City, MO	\$0.00
University of Montana, Missoula, MT	\$65,000.00
University of Nebraska Omaha, Omaha, NE	\$0.00
University of Nevada, Reno, NV	\$1,291,000.00
University of New Hampshire, Durham, NH	\$1,438,079.00
University of North Carolina at Charlotte, Charlotte, NC	\$0.00
University of North Dakota Research Foundation, Grand Forks, ND	\$0.00
University of North Dakota, Grand Forks, ND	\$3,566,000.00
University of North Texas, Denton, TX	\$793,753.00
University of Notre Dame Du Lac, Notre Dame, IN	\$7,227,295.00
University of Oregon, Eugene, OR	\$4,529,130.00
University of Oxford, Oxford, United Kingdom	\$180,977.00
University of Pennsylvania, Philadelphia, PA	\$7,331,094.00
University of Pittsburgh, Pittsburgh, PA	\$3,227,300.00
University of Puerto Rico at Mayaguez, Mayaguez, PR	\$734,800.00
University of Puerto Rico Central Administration, San Juan, PR	\$810,000.00
University of Reading, Reading, United Kingdom	\$278,884.00
University of Rhode Island, Kingston, RI	\$22,000.00
University of Richmond, Richmond, VA	\$184,200.00
University of Rochester, Rochester, NY	\$7,587,066.00
University of South Alabama, Mobile, AL	\$63,000.00
University of South Carolina Research Foundation, Columbia, SC	\$3,454,296.00
University of South Dakota, Vermillion, SD	\$1,190,200.00
University of South Florida, Tampa, FL	\$625,000.00
University of Southern California, LOS ANGELES, CA	\$4,267,371.00
University of Tennessee, Knoxville, Knoxville, TN	\$6,436,488.00
University of Texas Arlington, Arlington, TX	\$942,101.00
University of Texas at San Antonio, San Antonio, TX	\$115,650.00
University of Texas Dallas, Richardson, TX	\$858,000.00
University of Texas Health Science Center at Houston, Houston, TX	\$0.00
University of Texas Health Science Center at San A, San Antonio, TX	\$440,773.00

Institution	FY 2011 Funding
University of Texas Southwestern Medical Center, Dallas, TX	\$600,000.00
University of Texas, Austin, TX	\$13,907,514.00
University of Texas, El Paso, El Paso, TX	\$609,121.00
University of Toronto, Toronto, Canada	\$135,000.00
University of Tulsa, Tulsa, OK	\$242,000.00
University of Utah, Salt Lake City, UT	\$5,328,866.00
University of Vermont, Burlington, VT	\$341,593.00
University of Virginia, Charlottesville, VA	\$7,236,481.00
University of Washington, Seattle, Seattle, WA	\$18,605,004.00
University of Wisconsin - Milwaukee, Milwaukee, WI	\$554,349.00
University of Wyoming, Laramie, WY	\$972,812.00
Utah State University, Logan, UT	\$440,909.00
Vanderbilt University, Nashville, TN	\$1,997,626.00
Virginia Commonwealth University, Richmond, VA	\$735,027.00
Virginia Polytechnic Institute and State University, Blacksburg, VA	\$3,151,104.00
Washington State University, Pullman, WA	\$2,803,098.00
Washington University, St Louis, MO	\$8,899,333.00
Wayne State University, Detroit, MI	\$1,629,000.00
West Virginia University Research Corporation, Morgantown, WV	\$426,472.00
Western Michigan University, Kalamazoo, MI	\$300,000.00
William Marsh Rice University, Houston, TX	\$4,496,000.00
Worcester Polytechnic Institute, Worcester, MA	\$138,949.00
Wright State University, Dayton, OH	\$448,454.00
Xavier University of Louisiana, New Orleans, LA	\$170,290.00
Yale University, New Haven, CT	\$8,944,090.00

FY 2010

Institution	FY 2010 Funding
Abilene Christian University, Abilene, TX	\$197,000
Alfred University, Alfred, NY	\$82,674
Arizona State University, Tempe, AZ	\$2,530,334
Auburn University, Auburn University, AL	\$1,785,226
Barry University, Inc., Miami, FL	\$1,166,400
Baylor University, Waco, TX	\$240,523
Bethune-Cookman University Inc., Daytona Beach, FL	\$243,000
Board of Regents NSHE obo University of Nevada Las Vegas, Las Vegas, NV	\$777,600
Board of Regents of the University of Oklahoma, Norman, OK	\$7,633,722
Board of Regents of the University of Wisconsin, Madison, WI	\$60,071,638
Board of Regents University of Nebraska Lincoln, Lincoln, NE	\$2,850,818
Boise State University, Boise, ID	\$143,888
Bowling Green State University, Bowling Green, OH	\$365,800
Brandeis University, Waltham, MA	\$1,566,000
Brigham Young University, Provo, UT	\$313,500
Bronx Community College, CUNY on behalf of, New York, NY	\$486,000
Brown University, Providence, RI	\$5,153,307
California Institute of Technology, Pasadena, CA	\$26,433,074

California State University Dominguez Hills Foundation., Carson, CA	\$58,000
California State University East Bay, Hayward, CA	\$241,000
California State University Fullerton, Fullerton, CA	\$96,000
California State University Long Beach, Long Beach, CA	\$113,516
California State University Northridge, Northridge, CA	\$176,671
California State University, San Bernardino, CA	\$194,400
Carnegie Mellon University, Pittsburgh, PA	\$5,188,890
Case Western Reserve University, Cleveland, OH	\$487,976
Central Michigan University, Mount Pleasant, MI	\$153,753
City University of New York, City College, New York, NY	\$745,032
City University of New York, College of Staten Isl, Staten Island, NY	\$38,302
City University of New York, Hunter College, New York, NY	\$781,906
City University of New York, Lehman College, Bronx, NY	\$59,865
Clark Atlanta University, Atlanta, GA	\$80,000
Clark University, Worcester, MA	\$64,021
Clemson University, Clemson, SC	\$1,451,882
College of Saint Elizabeth, Morristown, NJ	\$972,000
College of William and Mary, Williamsburg, VA	\$1,204,101
Colorado School of Mines, Golden, CO	\$1,977,190
Colorado State University, Fort Collins, CO	\$5,970,600
Columbia University, New York, NY	\$10,741,864
Connecticut State University, Hartford, CT	\$649,000
Cornell University, Ithaca, NY	\$9,605,138
Creighton University, Omaha, NE	\$228,000
Dartmouth College, Hanover, NH	\$369,783
Davidson College, Davidson, NC	\$51,286
DePaul University, Chicago, IL	\$72,000
Dowling College, Oakdale, NY	\$0
Drexel University, Philadelphia, PA	\$413,500
Duke University, Durham, NC	\$9,953,505
Duquesne University, Pittsburgh, PA	\$0
Eastern Michigan University, Ypsilanti, MI	\$486,000
Emory University, Atlanta, GA	\$1,132,113
Florida A&M University, Tallahassee, FL	\$913,090
Florida Institute of Technology, Melbourne, FL	\$276,500
Florida International University, Miami, FL	\$2,057,999
Florida State University, Tallahassee, FL	\$4,729,567
George Mason University, Fairfax, VA	\$631,467
George Washington University, Washington, DC	\$1,454,393
Georgetown University, Washington, DC	\$799,216
Georgia State University Research Foundation, Inc., Atlanta, GA	\$509,771
Georgia Tech Research Corporation, Atlanta, GA	\$5,431,003
Hampton University, Hampton, VA	\$1,105,000
Harvard College, Cambridge, MA	\$6,090,268
Howard University, Washington, DC	\$46,000
Idaho State University, Pocatello, ID	\$30,000
Illinois Institute of Technology, Chicago, IL	\$673,726
Indiana State University, Terre Haute, IN	\$220,000
Indiana University, Indianapolis, Bloomington, IN	\$220,000

Iowa State University of Science and Technology, Ames, IA	\$3,964,756
Johns Hopkins University, Baltimore, MD	\$4,797,029
Kansas State University, Manhattan, KS	\$4,302,044
Kent State University, Kent, OH	\$1,387,163
Langston University, Langston, OK	\$70,000
Lehigh University, Bethlehem, PA	\$2,097,000
Loma Linda University, Loma Linda, CA	\$377,919
Louisiana State University and A&M College, Baton Rouge, LA	\$6,681,871
Louisiana Tech University, Ruston, LA	\$584,860
Loyola University of Chicago, Chicago, IL	\$486,000
Lutheran University Association, Inc., Valparaiso, IN	\$181,000
Marshall University Research Corporation, Huntington, WV	\$4,765,715
Massachusetts College of Liberal Arts, North Adams, MA	\$0
Massachusetts Institute of Technology, Cambridge, MA	\$63,701,095
Miami Dade Community College - Hialeah Campus, Hialeah, FL	\$388,800
Miami University, Oxford, OH	\$681,649
Michigan State University, East Lansing, MI	\$23,858,226
Michigan Technological University, Houghton, MI	\$3,035,185
Middle Tennessee State University, Murfreesboro, TN	\$889,380
Mississippi State University, Mississippi State, MS	\$871,000
Missouri University of Science and Technology, Rolla, MO	\$175,000
Montana State University, Bozeman, MT	\$823,889
Morris College, Sumter, SC	\$1,458,000
Mount Holyoke College, South Hadley, MA	\$26,000
Nevada System of Higher Education - Las Vegas, Las Vegas, NV	\$1,926,332
New Jersey Institute of Technology, Newark, NJ	\$221,743
New Mexico State University, Las Cruces, Las Cruces, NM	\$725,000
New York University, New York, NY	\$4,194,214
New York, State Univ Research Foundation, Buffalo, Buffalo, NY	\$130,000
Norfolk State University, Norfolk, VA	\$105,000
North Carolina Central Univ., Durham, NC	\$180,000
North Carolina State University, Raleigh, NC	\$4,281,078
North Dakota State University, Fargo, ND	\$5,189,650
North Georgia College and State University, Dahlonega, GA	\$121,000
Northeastern University, Boston, MA	\$2,561,924
Northern Arizona University, Flagstaff, AZ	\$1,712,851
Northern Illinois University, DeKalb, IL	\$1,096,000
Northwestern University, Evanston, IL	\$15,054,005
Occidental College, Los Angeles, CA	\$60,000
Ohio State University, Columbus, OH	\$7,683,252
Ohio University, Athens, OH	\$1,100,539
Oklahoma State University, Stillwater, Stillwater, OK	\$742,146
Old Dominion University Research Foundation, Norfolk, VA	\$2,408,001
Oregon Health & Science University, Portland, OR	\$560,620
Oregon State University, Corvallis, OR	\$3,218,048
Pennsylvania State University, University Park, PA	\$11,419,338
Polytechnic Institute of New York University, New York, NY	\$100,000
Portland State University, Portland, OR	\$753,098
Prairie View A&M Research Foundation, Prairie View, TX	\$659,000

Purdue University, West Lafayette, IN	\$11,916,435
Regents of the University of California, Irvine, Irvine, CA	\$9,993,532
Regents of the University of Idaho, Moscow, ID	\$674,961
Regents of the University of Minnesota, Minneapolis, MN	-\$2,922,155
Regents of the University of New Mexico, Albuquerque, NM	\$3,938,714
Rensselaer Polytechnic Institute, Troy, NY	\$2,446,524
Research Foundation of CUNY on behalf of Hunter College CUNY, NY	\$240,000
Research Foundation of The City University of New York Research Foundation CUNY, New York, NY	\$82,491
Research Foundation on behalf of Baruch College CUNY, New York, NY	\$95,000
Rutgers - State University of New Jersey, Newark, Newark, NJ	\$487,565
Rutgers - The State University of New Jersey, New, New Brunswick, NJ	\$5,294,120
San Diego State University Foundation, San Diego, CA	\$286,379
San Francisco State University, San Francisco, CA	\$120,552
San Jose State University Foundation, San Jose, CA	\$108,274
South Dakota School of Mines & Technology, Rapid City, SD	\$15,000
Southern Illinois University, Carbondale, Carbondale, IL	\$333,281
Southern Methodist University, Dallas, TX	\$1,573,000
Southern Utah University, Cedar City, UT	\$972,000
St. Bonaventure University, Saint Bonaventure, NY	\$534,600
Stanford University, Palo Alto, CA	\$12,064,974
State University of New York at Albany, Albany, NY	\$853,344
State University of New York, Binghamton, Binghamton, NY	\$242,645
State University of New York, Buffalo, Amherst, NY	\$1,069,783
State University of New York, Geneseo, Geneseo, NY	\$486,000
State University of New York, Stony Brook, Stony Brook, NY	\$11,880,693
State University of New York, Syracuse, Syracuse, NY	\$120,000
Stevens Institute of Technology, Hoboken, NJ	\$0
Susquehanna University, Selinsgrove, PA	\$972,000
Swarthmore College, Swarthmore, PA	\$207,852
Syracuse University, Syracuse, NY	\$763,000
Temple University, Philadelphia, PA	\$2,077,542
Tennessee Technological University, Cookeville, TN	\$95,000
Texas A&M Research Foundation, College Station, TX	\$7,737,750
Texas A&M University, College Station, College Station, TX	\$3,540,594
Texas A&M University, Commerce, Commerce, TX	\$547,240
Texas A&M University, Kingsville, Kingsville, TX	\$0
Texas Tech University, Lubbock, TX	\$1,707,278
The Citadel, Charleston, SC	\$28,000
The Curators of the University of Missouri, Columbia, MO	\$2,759,358
The New School, New York, NY	\$972,000
The President and Fellows of Harvard College, Boston, MA	\$2,588,685
The Regents of the Univ. of Calif., U.C. San Diego, La Jolla, CA	\$14,236,976
The Regents of the University of California - UCSD, La Jolla, CA	\$80,000
The Regents of the University of California, Davis, Davis, CA	\$15,336,410
The Regents of the University of California, San D, La Jolla, CA	\$2,403,152
The Regents of the University of Colorado, Aurora, CO	\$10,099,469
The Regents of the University of Colorado, Boulder, CO	\$2,465,944
The Regents of the University of Michigan, Ann Arbor, MI	\$13,317,667

The Rockefeller University, New York, NY	\$572,000
The Trustees of Princeton University, Princeton, NJ	\$13,804,608
The University of North Carolina at Chapel Hill, Chapel Hill, NC	\$5,233,883
The University of Texas Medical Branch at Galveston, Galveston, TX	\$0
Transylvania University, Lexington, KY	\$631,800
Trustees of Boston College, Chestnut Hill, MA	\$3,150,736
Trustees of Boston University, Boston, MA	\$4,658,222
Trustees of Indiana University, Bloomington, Bloomington, IN	\$5,313,547
Tufts University, Medford, MA	\$3,030,177
Tulane Educational Fund, New Orleans, LA	\$2,590,358
Union College, Schenectady, NY	\$33,000
Univ. of Medicine and Dentistry of NJ-Newark, Newark, NJ	\$0
University of Akron, Akron, OH	\$417,864
University of Alabama Huntsville, Huntsville, AL	\$1,933,600
University of Alabama Tuscaloosa, Tuscaloosa, AL	\$1,933,449
University of Alaska Fairbanks, Fairbanks, AK	\$2,554,136
University of Arizona, Tucson, AZ	\$4,813,408
University of Arkansas at Little Rock, Little Rock, AR	\$457,982
University of Arkansas, Fayetteville, AR	\$165,000
University of California, Berkeley, Berkeley, CA	\$13,736,104
University of California, Los Angeles, Los Angeles, CA	\$22,731,396
University of California, Merced, Merced, CA	\$1,158,904
University of California, Riverside, Riverside, CA	\$4,426,459
University of California, San Francisco, San Francisco, CA	\$631,574
University of California, Santa Barbara, Santa Barbara, CA	\$8,700,166
University of California, Santa Cruz, Santa Cruz, CA	\$4,529,263
University of Central Florida, Orlando, FL	\$1,656,589
University of Chicago, Chicago, IL	\$5,408,701
University of Cincinnati, Cincinnati, OH	\$763,354
University of Connecticut, Storrs, CT	\$2,206,246
University of Delaware, Newark, DE	\$3,938,873
University of Florida, Gainesville, FL	\$7,511,050
University of Georgia Research Foundation, Inc., Athens, GA	\$4,644,132
University of Hawaii, Honolulu, HI	\$3,394,462
University of Houston, Houston, TX	\$1,769,262
University of Illinois at Chicago, Chicago, IL	\$2,312,759
University of Illinois at Urbana-Champaign, Champaign, IL	\$18,464,570
University of Iowa, Iowa City, IA	\$1,677,867
University of Kansas Center for Research, Inc., Lawrence, KS	\$1,188,805
University of Kansas Medical Ctr. Res. Inst., Inc., Kansas City, KS	\$3,888,000
University of Kentucky Research Foundation, Lexington, KY	\$1,521,999
University of Louisville Research Foundation, Inc., Louisville, KY	\$447,200
University of Maine System, Orono, ME	\$0
University of Maryland Baltimore County, Baltimore, MD	\$139,804
University of Maryland Biotechnology Inst., Baltimore, MD	\$0
University of Maryland, Baltimore, Baltimore, MD	\$187,559
University of Maryland, College Park, College Park, MD	\$15,163,718
University of Massachusetts at Boston, Boston, MA	\$291,600
University of Massachusetts, Amherst, Amherst, MA	\$6,807,755

University of Massachusetts, Dartmouth, Dartmouth, MA	\$174,993
University of Massachusetts, Lowell, Lowell, MA	\$228,000
University of Massachusetts, Worcester, Worcester, MA	\$291,600
University of Miami, Medical Campus, Miami, FL	\$1,006,246
University of Minnesota, Duluth, Minneapolis, MN	\$61,057
University of Mississippi Medical Center, Jackson, MS	\$601,158
University of Mississippi, University, MS	\$532,000
University of Missouri-Kansas City, Kansas City, MO	\$0
University of Montana, Missoula, MT	\$65,000
University of Nebraska Omaha, Omaha, NE	\$486,000
University of Nevada, Reno, NV	\$1,281,000
University of New Hampshire, Durham, NH	\$1,175,000
University of North Carolina at Charlotte, Charlotte, NC	\$209,871
University of North Dakota, Grand Forks, ND	\$50,000
University of North Texas, Denton, TX	\$1,542,065
University of Northern Iowa, Cedar Falls, IA	\$923,400
University of Notre Dame Du Lac, Notre Dame, IN	\$6,866,388
University of Oregon, Eugene, OR	\$4,251,672
University of Pennsylvania, Philadelphia, PA	\$7,746,118
University of Pittsburgh, Pittsburgh, PA	\$4,020,284
University of Puerto Rico at Mayaguez, Mayaguez, PR	\$322,650
University of Puerto Rico Central Administration, San Juan, PR	\$490,000
University of Rhode Island, Kingston, RI	\$1,274,991
University of Richmond, Richmond, VA	\$299,886
University of Rochester, Rochester, NY	\$7,608,488
University of South Alabama, Mobile, AL	\$81,637
University of South Carolina Research Foundation, Columbia, SC	\$3,372,979
University of South Dakota, Vermillion, SD	\$2,447,648
University of South Florida, Tampa, FL	\$962,909
University of Southern California, LOS ANGELES, CA	\$4,434,446
University of Southern Indiana, Evansville, IN	\$972,000
University of Tennessee Health Science Center, Memphis, TN	\$0
University of Tennessee, Knoxville, Knoxville, TN	\$7,407,408
University of Texas Arlington, Arlington, TX	\$1,547,264
University of Texas at San Antonio, San Antonio, TX	\$125,482
University of Texas Dallas, Richardson, TX	\$1,035,000
University of Texas Health Science Center at Houston, Houston, TX	\$0
University of Texas Health Science Center at San A, San Antonio, TX	\$357,753
University of Texas Southwestern Medical Center, Dallas, TX	\$475,000
University of Texas, Austin, TX	\$15,717,552
University of Texas, El Paso, El Paso, TX	\$424,575
University of Tulsa, Tulsa, OK	\$971,000
University of Utah, Salt Lake City, UT	\$6,571,954
University of Vermont, Burlington, VT	\$1,290,773
University of Virginia, Charlottesville, VA	\$7,723,446
University of Washington, Seattle, Seattle, WA	\$20,638,632
University of Wisconsin - Milwaukee, Milwaukee, WI	\$718,207
University of Wyoming, Laramie, WY	\$2,878,379
Utah State University, Logan, UT	\$986,732

Vanderbilt University, Nashville, TN	\$3,858,970
Virginia Commonwealth University, Richmond, VA	\$499,591
Virginia Polytechnic Institute and State University, Blacksburg, VA	\$4,376,790
Virginia State University, PETERSBURG, VA	\$322,936
Washington State University, Pullman, WA	\$4,362,173
Washington University, St Louis, MO	\$8,389,110
Wayne State University, Detroit, MI	\$1,721,778
West Virginia University Research Corporation, Morgantown, WV	\$771,791
Western Michigan University, Kalamazoo, MI	\$1,850,358
Westminster College, Salt Lake City, UT	\$874,800
Wheaton College, Wheaton, IL	\$133,003
Whitworth University, Spokane, WA	\$291,600
William Marsh Rice University, Houston, TX	\$5,265,149
Wofford College, Spartanburg, SC	\$62,324
Worcester Polytechnic Institute, Worcester, MA	\$254,843
Wright State University, Dayton, OH	\$110,552
Yale University, New Haven, CT	\$10,876,755
McGill University, Montreal, Canada	\$391,769.00
McMaster University, Hamilton, Ontario, Canada	\$295,000.00
University of British Columbia, Vancouver, Canada	\$84,677.00
University of Lethbridge, Lethbridge, Canada	\$367,358.00
University of Toronto, Toronto, Canada	\$270,000.00
Lancaster University, Bailrigg, Lancaster UK, LA1 4Y	\$60,965.00
University of Oxford, Oxford, United Kingdom	\$130,446.00
Flinders University of South Australia, Adelaide SA 5001, Australia	\$385,120.00
Monash University, Clayton, Australia	\$242,726.00

FY 2009

Institution	FY 2009 Funding
Abilene Christian University, Abilene, TX	\$321,000
Arizona State University, Tempe, AZ	\$15,938,157
Auburn University, Auburn University, AL	\$669,340
Baylor University, Waco, TX	\$218,000
Board of Regents of the University of Oklahoma, Norman, OK	\$3,662,789
Board of Regents of the University of Wisconsin, Madison, WI	\$20,137,078
Board of Regents University of Nebraska Lincoln, Lincoln, NE	\$2,274,901
Boise State University, Boise, ID	\$143,889
Bowling Green State University, Bowling Green, OH	\$0
Brandeis University, Waltham, MA	\$195,000
Brown University, Providence, RI	\$3,533,099
Bucknell University, Lewisburg, PA	\$232,887
California Institute of Technology, Pasadena, CA	\$8,137,900
California State University Dominguez Hills Foundation., Carson, CA	\$58,000
California State University East Bay, Hayward, CA	\$110,000
California State University Long Beach, Long Beach, CA	\$73,529
California State University Los Angeles, Los Angeles, CA	\$0

Institution	FY 2009 Funding
California State University Northridge, Northridge, CA	\$88,588
Carnegie Mellon University, Pittsburgh, PA	\$2,613,800
Case Western Reserve University, Cleveland, OH	\$188,000
Central Michigan University, Mount Pleasant, MI	\$154,556
Cheyney University of Pennsylvania, Cheyney, PA	\$462,429
Chicago Office of the Board of Education, Chicago, IL	\$0
City University of New York, City College, New York, NY	\$416,077
City University of New York, College of Staten Isl, Staten Island, NY	\$35,894
City University of New York, Hunter College, New York, NY	\$400,000
City University of New York, Lehman College, Bronx, NY	\$84,967
Clark Atlanta University, Atlanta, GA	\$80,000
Clark University, Worcester, MA	\$59,999
Clemson University, Clemson, SC	\$2,834,192
College of William and Mary, Williamsburg, VA	\$791,172
Colorado School of Mines, Golden, CO	\$1,008,934
Colorado State University, Fort Collins, CO	\$3,514,475
Columbia University, New York, NY	\$19,943,497
Cornell University, Ithaca, NY	\$23,757,976
Creighton University, Omaha, NE	\$200,000
Dartmouth College, Hanover, NH	\$630,610
DePaul University, Chicago, IL	\$70,000
Dominican University, River Forest, IL	\$462,429
Dowling College, Oakdale, NY	\$9,713
Drexel University, Philadelphia, PA	\$340,000
Duke University, Durham, NC	\$5,085,010
Emory University, Atlanta, GA	\$1,253,381
Fairfield University, Fairfield, CT	\$53,000
Florida A&M University, Tallahassee, FL	\$353,999
Florida Atlantic University, Boca Raton, FL	\$0
Florida Institute of Technology, Melbourne, FL	\$206,000
Florida International University, Miami, FL	\$458,603
Florida State University, Tallahassee, FL	\$2,539,167
George Mason University, Fairfax, VA	\$2,846,097
George Washington University, Washington, DC	\$572,696
Georgetown University, Washington, DC	\$558,160
Georgia State University Research Foundation, Inc., Atlanta, GA	\$351,513
Hampton University, Hampton, VA	\$351,000
Harvard College, Cambridge, MA	\$3,037,143
Hofstra University, Hempstead, NY	\$462,429
Howard University, Washington, DC	\$46,000
Idaho State University, Pocatello, ID	\$1,899,483
Illinois Institute of Technology, Chicago, IL	\$477,897
Indiana State University, Terre Haute, IN	\$20,000
Indiana University, Indianapolis, Bloomington, IN	\$220,000
Iowa State University of Science and Technology, Ames, IA	\$1,339,343
Johns Hopkins University, Baltimore, MD	\$2,502,927
Kansas State University, Manhattan, KS	\$2,028,014
Kent State University, Kent, OH	\$860,102

Institution	FY 2009 Funding
Langston University, Langston, OK	\$70,000
Lehigh University, Bethlehem, PA	\$1,591,033
Loma Linda University, Loma Linda, CA	\$242,935
Louisiana State University and A&M College, Baton Rouge, LA	\$3,631,673
Louisiana Tech University, Ruston, LA	\$1,672,287
Massachusetts Institute of Technology, Cambridge, MA	\$42,599,213
Medical University of South Carolina, Charleston, SC	\$0
Miami University, Oxford, OH	\$135,299
Michigan State University, East Lansing, MI	\$12,414,171
Michigan Technological University, Houghton, MI	\$2,043,628
Mississippi State University, Mississippi State, MS	\$1,046,000
Missouri University of Science and Technology, Rolla, MO	\$175,000
Montana State University, Bozeman, MT	\$1,082,603
Nevada System of Higher Education - Las Vegas, Las Vegas, NV	\$345,442
New Jersey Institute of Technology, Newark, NJ	\$212,603
New Mexico State University, Las Cruces, Las Cruces, NM	\$695,000
New York University, New York, NY	\$1,682,447
New York, State Univ Research Foundation, Buffalo, Buffalo, NY	\$130,000
Norfolk State University, Norfolk, VA	\$70,000
North Carolina State University, Raleigh, NC	\$2,796,251
North Dakota State University, Fargo, ND	\$5,702,148
North Georgia College and State University, Dahlonega, GA	\$121,000
Northeastern University, Boston, MA	\$1,235,625
Northern Illinois University, DeKalb, IL	\$397,000
Northern Virginia Community College, Annandale, VA	\$0
Northwestern University, Evanston, IL	\$31,354,572
NV System of Higher Ed OBO Desert Res Inst-Reno, Reno, NV	\$452,930
Occidental College, Los Angeles, CA	\$0
Ohio State University, Columbus, OH	\$3,183,843
Ohio University, Athens, OH	\$125,000
Oklahoma State University, Stillwater, Stillwater, OK	\$1,764,301
Old Dominion University Research Foundation, Norfolk, VA	\$991,000
Oregon Health & Science University, Portland, OR	\$123,541
Oregon State University, Corvallis, OR	\$2,970,367
Pennsylvania State University, University Park, PA	\$27,875,934
Portland State University, Portland, OR	\$214,618
Purdue University, West Lafayette, IN	\$21,649,286
Regents of the University of California, Irvine, Irvine, CA	\$4,489,150
Regents of the University of Idaho, Moscow, ID	\$479,975
Regents of the University of Minnesota, Minneapolis, MN	\$3,849,765
Regents of the University of New Mexico, Albuquerque, NM	\$2,418,336
Rensselaer Polytechnic Institute, Troy, NY	\$1,452,973
Research Foundation of The City University of New York d/b/a	
Research Foundation CUNY, New York, NY	\$82,491
Research Foundation on behalf of Baruch College CUNY, NY	\$85,000
Rosalind Franklin University of Medicine and Science, North	
Chicago, IL	\$462,429
Rush University Medical Center, Chicago, IL	\$924,858

Institution	FY 2009 Funding
Rutgers - State University of New Jersey, Newark, Newark, NJ	\$240,958
Rutgers - The State University of New Jersey, New Brunswick, NJ	\$2,631,098
San Diego State University Foundation, San Diego, CA	\$94,925
San Francisco State University, San Francisco, CA	\$4,800
South Dakota School of Mines & Technology, Rapid City, SD	\$15,000
Southern Illinois University, Carbondale, Carbondale, IL	\$1,026,699
Southern Methodist University, Dallas, TX	\$211,667
Stanford University, Palo Alto, CA	\$9,982,942
State University of New York at Albany, Albany, NY	\$509,723
State University of New York Delhi, Delhi, NY	\$0
State University of New York, Binghamton, Binghamton, NY	\$1,513,287
State University of New York, Buffalo, Amherst, NY	\$535,057
State University of New York, Stony Brook, Stony Brook, NY	\$6,882,414
State University of New York, Syracuse, Syracuse, NY	\$120,000
Stevens Institute of Technology, Hoboken, NJ	\$0
Syracuse University, Syracuse, NY	\$324,000
Temple University, Philadelphia, PA	\$583,231
Tennessee Technological University, Cookeville, TN	\$93,000
Texas A&M Research Foundation, College Station, TX	\$2,772,723
Texas A&M University, College Station, College Station, TX	\$600,000
Texas A&M University, Commerce, Commerce, TX	\$369,943
Texas A&M University, Kingsville, Kingsville, TX	\$67,167
Texas Tech University, Lubbock, TX	\$1,340,915
The Curators of the University of Missouri, Columbia, MO	\$2,798,458
The President and Fellows of Harvard College, Boston, MA	\$0
The Regents of the Univ. of Calif., U.C. San Diego, La Jolla, CA	\$5,331,202
The Regents of the University of California, Davis, Davis, CA	\$8,693,552
The Regents of the University of California, San D, La Jolla, CA	\$5,013,962
The Regents of the University of Colorado, Aurora, CO	\$2,741,137
The Regents of the University of Colorado, Boulder, CO	\$1,677,495
The Regents of the University of Michigan, Ann Arbor, MI	\$25,410,833
The Rockefeller University, New York, NY	\$15,000
The Trustees of Princeton University, Princeton, NJ	\$8,579,301
The University of North Carolina at Chapel Hill, Chapel Hill, NC	\$20,706,994
Thomas Jefferson University, Philadelphia, PA	-\$235,631
Trustees of Boston College, Chestnut Hill, MA	\$893,000
Trustees of Boston University, Boston, MA	\$2,170,776
Trustees of Indiana University, Bloomington, Bloomington, IN	\$3,001,928
Tufts University, Medford, MA	\$673,197
Tulane Educational Fund, New Orleans, LA	\$665,318
Union College, Schenectady, NY	\$33,000
University of Akron, Akron, OH	\$122,000
University of Alabama Tuscaloosa, Tuscaloosa, AL	\$2,192,432
University of Alaska Fairbanks, Fairbanks, AK	\$881,339
University of Arizona, Tucson, AZ	\$14,900,634
University of Arkansas, Fayetteville, AR	\$459,992
University of California, Berkeley, Berkeley, CA	\$7,934,729
University of California, Los Angeles, Los Angeles, CA	\$10,106,017

Institution	FY 2009 Funding
University of California, Merced, Merced, CA	\$800,597
University of California, Riverside, Riverside, CA	\$2,985,620
University of California, San Francisco, San Francisco, CA	\$99,941
University of California, Santa Barbara, Santa Barbara, CA	\$20,685,500
University of California, Santa Cruz, Santa Cruz, CA	\$1,128,408
University of Central Florida, Orlando, FL	\$957,034
University of Chicago, Chicago, IL	\$3,433,854
University of Cincinnati, Cincinnati, OH	\$312,156
University of Connecticut, Storrs, CT	\$839,782
University of Delaware, Newark, DE	\$21,900,985
University of Florida, Gainesville, FL	\$4,562,174
University of Georgia Research Foundation, Inc., Athens, GA	\$2,395,193
University of Hawaii, Honolulu, HI	\$1,222,766
University of Houston, Houston, TX	\$825,000
University of Illinois at Chicago, Chicago, IL	\$980,849
University of Illinois at Urbana-Champaign, Champaign, IL	\$9,966,964
University of Iowa, Iowa City, IA	\$1,656,228
University of Kansas Center for Research, Inc., Lawrence, KS	\$536,000
University of Kentucky Research Foundation, Lexington, KY	\$1,370,500
University of Louisville Research Foundation, Inc., Louisville, KY	\$107,000
University of Maine System, Orono, ME	\$867,000
University of Maryland Baltimore County, Baltimore, MD	\$0
University of Maryland Biotechnology Inst., Baltimore, MD	\$400,000
University of Maryland, Baltimore, Baltimore, MD	\$887,172
University of Maryland, College Park, College Park, MD	\$7,524,721
University of Massachusetts at Boston, Boston, MA	\$462,429
University of Massachusetts, Amherst, Amherst, MA	\$18,127,050
University of Massachusetts, Lowell, Lowell, MA	\$168,000
University of Memphis, Memphis, TN	\$270,778
University of Miami, Medical Campus, Miami, FL	\$797,909
University of Minnesota, Duluth, Minneapolis, MN	\$43,000
University of Mississippi, University, MS	\$550,000
University of Montana, Missoula, MT	\$49,996
University of Nevada, Reno, NV	\$314,554
University of New Hampshire, Durham, NH	\$812,963
University of New Orleans, New Orleans, LA	\$0
University of North Carolina at Charlotte, Charlotte, NC	\$212,268
University of North Dakota Research Foundation, Grand Forks, ND	\$2,543,360
University of North Dakota, Grand Forks, ND	\$1,250,000
University of North Texas, Denton, TX	\$1,321,907
University of Notre Dame Du Lac, Notre Dame, IN	\$17,602,921
University of Oregon, Eugene, OR	\$4,095,900
University of Pennsylvania, Philadelphia, PA	\$4,345,315
University of Pittsburgh, Pittsburgh, PA	\$1,813,285
University of Puerto Rico at Mayaguez, Mayaguez, PR	\$230,000
University of Puerto Rico Central Administration, San Juan, PR	\$440,000
University of Richmond, Richmond, VA	\$176,280
University of Rochester, Rochester, NY	\$4,977,977

Institution	FY 2009 Funding
University of South Alabama, Mobile, AL	\$70,000
University of South Carolina Research Foundation, Columbia, SC	\$4,433,404
University of South Florida, Tampa, FL	\$878,908
University of Southern California, LOS ANGELES, CA	\$17,082,386
University of Tennessee, Knoxville, Knoxville, TN	\$3,536,994
University of Texas Arlington, Arlington, TX	\$318,999
University of Texas at San Antonio, San Antonio, TX	\$118,869
University of Texas Dallas, Richardson, TX	\$905,000
University of Texas Health Science Center at Houston, Houston, TX	\$170,000
University of Texas Health Science Center at San A, San Antonio, TX	\$233,381
University of Texas Southwestern Medical Center, Dallas, TX	\$350,000
University of Texas, Austin, TX	\$21,677,341
University of Texas, El Paso, El Paso, TX	\$388,903
University of Tulsa, Tulsa, OK	\$865,614
University of Utah, Salt Lake City, UT	\$3,219,588
University of Vermont, Burlington, VT	\$1,407,657
University of Virginia, Charlottesville, VA	\$6,215,578
University of Washington, Seattle, Seattle, WA	\$9,795,489
University of Wisconsin - Milwaukee, Milwaukee, WI	\$1,087,341
University of Wyoming, Laramie, WY	\$595,000
Utah State University, Logan, UT	\$554,915
Vanderbilt University, Nashville, TN	\$2,419,107
Virginia Commonwealth University, Richmond, VA	\$372,500
Virginia Polytechnic Institute and State University, Blacksburg, VA	\$1,666,308
Washington State University, Pullman, WA	\$2,548,981
Washington University, St Louis, MO	\$6,863,913
Wayne State University, Detroit, MI	\$1,579,500
West Virginia University Research Corporation, Morgantown, WV	\$1,679,506
Western Michigan University, Kalamazoo, MI	\$4,029,158
Wheaton College, Wheaton, IL	\$133,141
William Marsh Rice University, Houston, TX	\$4,076,000
Wofford College, Spartanburg, SC	\$87,470
Yale University, New Haven, CT	\$5,723,465
McGill University, Montreal, Canada	\$137,241.00
McMaster University, Hamilton, Ontario, Canada	\$545,325.00
University of Lethbridge, Lethbridge, Canada	\$243,267.00
Lancaster University, Bailrigg, Lancaster UK, LA1 4Y	\$85,887.00
Oxford Brookes University, Oxford, United Kingdom	\$0.00
University of East Anglia, Norwich, United Kingdom	\$199,680.00
University of Oxford, Oxford, United Kingdom	\$84,730.00
Flinders University of South Australia, Adelaide SA 5001, Australia	\$247,980.00

FY 2008

Institution	FY 2008 Funding
Abilene Christian University, Abilene, TX	\$191,000
Alabama A&M University Research Institute, Normal, AL	\$479,000
Alabama A&M University, Normal, AL	\$90,923
Arizona State University, Tempe, AZ	\$2,637,770
Auburn University, Auburn University, AL	\$2,172,484
Baylor University, Waco, TX	\$80,000
Board of Regents of the University of Oklahoma, Norman, OK	\$3,201,599
Board of Regents of the University of Wisconsin, Madison, WI	\$50,788,097
Board of Regents University of Nebraska Lincoln, Lincoln, NE	\$1,907,546
Boise State University, Boise, ID	\$143,889
Bowling Green State University, Bowling Green, OH	\$160,000
Brandeis University, Waltham, MA	\$1,076,000
Brigham Young University, Provo, UT	\$547,500
Brown University, Providence, RI	\$1,521,807
California Institute of Technology, Pasadena, CA	\$13,229,056
California State University Dominguez Hills Foundation., Carson, CA	\$58,000
California State University East Bay, Hayward, CA	\$110,000
California State University Fullerton, Fullerton, CA	\$96,000
California State University Northridge, Northridge, CA	\$188,224
Carnegie Mellon University, Pittsburgh, PA	\$3,152,729
Case Western Reserve University, Cleveland, OH	\$372,000
Chicago Office of the Board of Education, Chicago, IL	\$956,000
City University of New York, City College, New York, NY	\$581,334
City University of New York, Hunter College, New York, NY	\$225,029
City University of New York, Lehman College, Bronx, NY	\$49,107
Clark Atlanta University, Atlanta, GA	\$80,000
Clark University, Worcester, MA	\$54,844
Clemson University, Clemson, SC	\$2,276,218
College of William and Mary, Williamsburg, VA	\$707,400
Colorado School of Mines, Golden, CO	\$1,880,393
Colorado State University, Fort Collins, CO	\$5,493,646
Columbia University, New York, NY	\$8,372,095
Cornell University, Ithaca, NY	\$5,220,032
Creighton University, Omaha, NE	\$200,000
Dartmouth College, Hanover, NH	\$527,501
Davidson College, Davidson, NC	\$69,762
DePaul University, Chicago, IL	\$68,000
Dominican University, River Forest, IL	\$573,000
Dowling College, Oakdale, NY	\$20,795
Drexel University, Philadelphia, PA	\$215,000
Duke University, Durham, NC	\$9,066,183
Duquesne University, Pittsburgh, PA	\$145,609
EARTH University Foundation, Atlanta, GA	-\$62,461
Elizabeth City State University, Elizabeth City, NC	\$0
Emory University, Atlanta, GA	\$1,420,613

Institution	FY 2008 Funding
Fairfield University, Fairfield, CT	\$40,000
Florida A&M University, Tallahassee, FL	\$355,000
Florida Atlantic University, Boca Raton, FL	\$0
Florida Institute of Technology, Melbourne, FL	\$164,000
Florida International University, Miami, FL	\$977,000
Florida State University, Tallahassee, FL	\$4,012,813
George Mason University, Fairfax, VA	\$403,093
George Washington University, Washington, DC	\$1,027,453
Georgetown University, Washington, DC	\$364,000
Georgia State University Research Foundation, Inc., Atlanta, GA	\$400,666
Georgia Tech Research Corporation, Atlanta, GA	\$3,814,761
Hampton University, Hampton, VA	\$387,511
Harvard College, Cambridge, MA	\$3,037,821
Hofstra University, Hempstead, NY	\$525,000
Howard University, Washington, DC	\$40,000
Idaho State University, Pocatello, ID	\$602,690
Illinois Institute of Technology, Chicago, IL	\$430,000
Indiana State University, Terre Haute, IN	\$50,000
Indiana University, Indianapolis, Bloomington, IN	\$15,000
Iowa State University of Science and Technology, Ames, IA	\$1,449,440
Johns Hopkins University, Baltimore, MD	\$3,209,788
Kansas State University, Manhattan, KS	\$4,213,468
Kent State University, Kent, OH	\$818,548
Langston University, Langston, OK	\$67,000
Lehigh University, Bethlehem, PA	\$1,390,312
Loma Linda University, Loma Linda, CA	\$765,588
Louisiana State University and A&M College, Baton Rouge, LA	\$1,943,587
Louisiana Tech University, Ruston, LA	\$1,732,960
Lutheran University Association, Inc., Valparaiso, IN	\$162,000
Massachusetts College of Liberal Arts, North Adams, MA	\$239,000
Massachusetts Institute of Technology, Cambridge, MA	\$45,082,502
Medical College of Georgia Research Institute Inc, Augusta, GA	\$250,284
Medical University of South Carolina, Charleston, SC	\$148,752
Miami University, Oxford, OH	\$313,364
Michigan State University, East Lansing, MI	\$9,336,827
Michigan Technological University, Houghton, MI	\$2,786,828
Middle Tennessee State University, Murfreesboro, TN	\$0
Mississippi State University, Mississippi State, MS	\$753,502
Missouri University of Science and Technology, Rolla, MO	\$175,000
Montana State University, Bozeman, MT	\$1,576,269
Mount Holyoke College, South Hadley, MA	\$26,000
Nevada System of Higher Education - Las Vegas, Las Vegas, NV	\$1,471,000
New Jersey Institute of Technology, Newark, NJ	\$160,222
New Mexico State University, Las Cruces, Las Cruces, NM	\$675,000
New York Industrial Retention Network, New York, NY	\$479,000
New York University, New York, NY	\$3,708,001
New York, State Univ Research Foundation, Buffalo, NY	\$108,341
Norfolk State University, Norfolk, VA	\$157,000

Institution	FY 2008 Funding
North Carolina Central Univ., Durham, NC	\$74,000
North Carolina State University, Raleigh, NC	\$4,446,450
North Dakota State University, Fargo, ND	\$322,000
North Georgia College and State University, Dahlonega, GA	\$107,000
Northeastern University, Boston, MA	\$1,087,697
Northern Arizona University, Flagstaff, AZ	\$1,756,208
Northern Illinois University, DeKalb, IL	\$315,916
Northwestern University Chicago Campus, Chicago, IL	\$259,943
Northwestern University, Evanston, IL	\$8,870,021
Occidental College, Los Angeles, CA	\$60,000
Ohio State University, Columbus, OH	\$7,253,119
Ohio University, Athens, OH	\$1,032,061
Oklahoma State University, Stillwater, Stillwater, OK	\$1,582,171
Old Dominion University Research Foundation, Norfolk, VA	\$1,035,262
Oregon Health & Science University, Portland, OR	\$224,582
Oregon State University, Corvallis, OR	\$3,377,319
Pennsylvania State University, University Park, PA	\$8,680,947
Portland State University, Portland, OR	\$718,869
Prairie View A&M Research Foundation, Prairie View, TX	\$201,000
Purdue University, West Lafayette, IN	\$8,080,476
Regents of the University of California, Irvine, Irvine, CA	\$7,596,446
Regents of the University of Idaho, Moscow, ID	\$185,915
Regents of the University of Minnesota, Minneapolis, MN	\$1,802,515
Regents of the University of New Mexico, Albuquerque, NM	\$4,606,940
Rensselaer Polytechnic Institute, Troy, NY	\$1,842,935
Research Foundation of CUNY on behalf of Hunter College CUNY, NY	\$145,000
Rollins College, Winter Park, FL	\$29,022
Rutgers - State University of New Jersey, Newark, Newark, NJ	\$430,188
Rutgers - The State University of New Jersey, New Brunswick, NJ	\$1,857,612
San Diego State University Foundation, San Diego, CA	\$75,000
San Diego, University of, San Diego, CA	\$45,000
San Francisco State University, San Francisco, CA	\$118,000
San Jose State University Foundation, San Jose, CA	\$101,504
South Dakota School of Mines & Technology, Rapid City, SD	\$420,000
Southern Illinois University, Carbondale, Carbondale, IL	\$349,554
Southern Methodist University, Dallas, TX	\$847,143
Stanford University, Palo Alto, CA	\$7,615,641
State University of New York at Albany, Albany, NY	\$936,592
State University of New York Delhi, Delhi, NY	\$0
State University of New York, Binghamton, Binghamton, NY	\$92,645
State University of New York, Buffalo, Amherst, NY	\$585,113
State University of New York, Stony Brook, Stony Brook, NY	\$8,281,034
Stevens Institute of Technology, Hoboken, NJ	\$234,652
Swarthmore College, Swarthmore, PA	\$346,000
Syracuse University, Syracuse, NY	\$1,263,000
Temple University, Philadelphia, PA	\$674,642
Tennessee Technological University, Cookeville, TN	\$91,000
Texas A&M Research Foundation, College Station, TX	\$3,780,872

Institution	FY 2008 Funding
Texas A&M University, College Station, College Station, TX	\$2,505,236
Texas A&M University, Commerce, Commerce, TX	\$60,000
Texas A&M University, Kingsville, Kingsville, TX	\$82,833
Texas Agrilife Research, College Station, TX	\$479,000
Texas Engineering Experiment Station, College Station, TX	\$549,916
Texas Tech University, Lubbock, TX	\$798,001
The Curators of the University of Missouri, Columbia, MO	\$2,119,150
The President and Fellows of Harvard College, Boston, MA	\$561,850
The Regents of the Univ. of Calif., U.C. San Diego, La Jolla, CA	\$8,704,792
The Regents of the University of California - UCSD, La Jolla, CA	\$80,000
The Regents of the University of California, Davis, Davis, CA	\$12,364,571
The Regents of the University of California, San D, La Jolla, CA	\$2,464,939
The Regents of the University of Colorado, Aurora, CO	\$7,120,688
The Regents of the University of Colorado, Boulder, CO	\$1,044,890
The Regents of the University of Michigan, Ann Arbor, MI	\$6,354,101
The Rockefeller University, New York, NY	\$585,000
The Trustees of Princeton University, Princeton, NJ	\$2,841,881
The University of North Carolina at Chapel Hill, Chapel Hill, NC	\$2,712,672
The University of Texas Medical Branch at Galveston, Galveston, TX	\$207,925
Thomas Jefferson University, Philadelphia, PA	\$175,447
Trustees of Boston College, Chestnut Hill, MA	\$782,551
Trustees of Boston University, Boston, MA	\$3,672,211
Trustees of Indiana University, Bloomington, Bloomington, IN	\$4,420,482
Tufts University, Medford, MA	\$1,320,043
Tulane Educational Fund, New Orleans, LA	\$2,189,052
Tuskegee University, Tuskegee, AL	\$106,687
Union College, Schenectady, NY	\$89,000
Univ. of Medicine and Dentistry of NJ-Newark, Newark, NJ	\$241,869
University of Akron, Akron, OH	\$122,000
University of Alabama Huntsville, Huntsville, AL	\$164,489
University of Alabama Tuscaloosa, Tuscaloosa, AL	\$1,380,436
University of Alaska Fairbanks, Fairbanks, AK	\$511,476
University of Arizona, Tucson, AZ	\$2,410,780
University of Arkansas at Little Rock, Little Rock, AR	\$414,220
University of Arkansas, Fayetteville, AR	\$149,973
University of California, Berkeley, Berkeley, CA	\$5,746,862
University of California, Los Angeles, Los Angeles, CA	\$25,056,829
University of California, Merced, Merced, CA	\$969,043
University of California, Riverside, Riverside, CA	\$4,298,121
University of California, San Francisco, San Francisco, CA	\$1,139,909
University of California, Santa Barbara, Santa Barbara, CA	\$6,052,312
University of California, Santa Cruz, Santa Cruz, CA	\$5,073,287
University of Central Florida, Orlando, FL	\$582,381
University of Chicago, Chicago, IL	\$3,881,699
University of Cincinnati, Cincinnati, OH	\$1,167,666
University of Connecticut, Storrs, CT	\$1,218,876
University of Delaware, Newark, DE	\$4,195,051
University of Florida, Gainesville, FL	\$4,515,976

Institution	FY 2008 Funding
University of Georgia Research Foundation, Inc., Athens, GA	\$4,308,789
University of Hawaii, Honolulu, HI	\$2,583,021
University of Houston, Houston, TX	\$1,035,512
University of Illinois at Chicago, Chicago, IL	\$1,137,690
University of Illinois at Urbana-Champaign, Champaign, IL	\$11,847,476
University of Iowa, Iowa City, IA	\$2,028,241
University of Kansas Center for Research, Inc., Lawrence, KS	\$780,000
University of Kentucky Research Foundation, Lexington, KY	\$815,000
University of Louisville Research Foundation, Inc., Louisville, KY	\$37,305
University of Maine System, Orono, ME	\$1,792,073
University of Maryland Baltimore County, Baltimore, MD	\$123,624
University of Maryland Biotechnology Inst., Baltimore, MD	\$0
University of Maryland, Baltimore, Baltimore, MD	\$309,727
University of Maryland, College Park, College Park, MD	\$7,622,266
University of Massachusetts at Boston, Boston, MA	\$479,000
University of Massachusetts, Amherst, Amherst, MA	\$7,787,905
University of Massachusetts, Lowell, Lowell, MA	\$153,000
University of Minnesota, Duluth, Minneapolis, MN	\$42,000
University of Mississippi Medical Center, Jackson, MS	\$573,000
University of Mississippi, University, MS	\$448,000
University of Missouri-Kansas City, Kansas City, MO	\$160,000
University of Montana, Missoula, MT	\$65,000
University of Nebraska Kearney, Kearney, NE	\$0
University of Nebraska Omaha, Omaha, NE	\$1,913,000
University of Nevada, Reno, NV	\$713,186
University of New Hampshire, Durham, NH	\$1,068,172
University of North Carolina at Charlotte, Charlotte, NC	\$363,032
University of North Dakota Research Foundation, Grand Forks, ND	\$2,391,000
University of North Dakota, Grand Forks, ND	\$500,000
University of North Texas, Denton, TX	\$1,108,000
University of Notre Dame Du Lac, Notre Dame, IN	\$5,657,258
University of Oregon, Eugene, OR	\$3,801,778
University of Pennsylvania, Philadelphia, PA	\$6,820,620
University of Pittsburgh, Pittsburgh, PA	\$1,593,308
University of Puerto Rico at Mayaguez, Mayaguez, PR	\$205,000
University of Puerto Rico Central Administration, San Juan, PR	\$440,000
University of Puerto Rico, Medical Sciences Campus, San Juan, PR	\$0
University of Richmond, Richmond, VA	\$63,000
University of Rochester, Rochester, NY	\$5,207,997
University of South Alabama, Mobile, AL	\$34,000
University of South Carolina Research Foundation, Columbia, SC	\$1,207,595
University of South Dakota, Vermillion, SD	\$1,052,000
University of South Florida, Tampa, FL	\$656,330
University of Southern California, LOS ANGELES, CA	\$5,971,892
University of Tennessee Health Science Center, Memphis, TN	\$440,468
University of Tennessee, Knoxville, Knoxville, TN	\$6,735,690
University of Texas Arlington, Arlington, TX	\$768,011
University of Texas Dallas, Richardson, TX	\$856,104

Institution	FY 2008 Funding
University of Texas Health Science Center at Houston, Houston, TX	\$877,000
University of Texas Southwestern Medical Center, Dallas, TX	\$404,381
University of Texas, Austin, TX	\$5,675,486
University of Tulsa, Tulsa, OK	\$229,359
University of Utah, Salt Lake City, UT	\$4,310,511
University of Vermont, Burlington, VT	\$109,740
University of Virginia, Charlottesville, VA	\$4,047,128
University of Washington, Seattle, WA	\$19,851,211
University of Wisconsin - Milwaukee, Milwaukee, WI	\$774,811
University of Wyoming, Laramie, WY	\$654,344
Utah State University, Logan, UT	\$214,001
Vanderbilt University, Nashville, TN	\$1,926,364
Virginia Commonwealth University, Richmond, VA	\$182,500
Virginia Polytechnic Institute and State University, Blacksburg, VA	\$2,418,722
Wake Forest University Health Sciences, Winston Salem, NC	\$956,000
Washington State University, Pullman, WA	\$3,517,184
Washington University, St Louis, MO	\$5,218,244
Wayne State University, Detroit, MI	\$1,066,000
West Virginia University Research Corporation, Morgantown, WV	\$1,398,964
Western Michigan University, Kalamazoo, MI	\$375,000
Wheaton College, Wheaton, IL	\$145,472
William Marsh Rice University, Houston, TX	\$3,708,080
Wright State University, Dayton, OH	\$105,112
Yale University, New Haven, CT	\$10,754,303
McGill University, Montreal, Canada	\$130,339.00
McMaster University, Hamilton, Ontario, Canada	\$539,325.00
Flinders University of South Australia, Adelaide SA 5001, Australia	\$0.00
Monash University, Clayton, Australia	\$96,340.00
Oxford Brookes University, Oxford, United Kingdom	\$88,853.00
University of East Anglia, Norwich, United Kingdom	\$199,682.00
University of Oxford, Oxford, United Kingdom	\$91,609.00

QUESTIONS FROM RANKING MEMBER RUSH

- Q1. What is the plan for moving forward with the Minorities in Energy (MIE) Initiative, which was designed to increase minority participation within the agency, as well as within the broader energy sector?
- Q1a. What are the level of resources devoted to this initiative, including funding and personnel?
- A1a. The Office of Economic Impact and Diversity (ED) has allocated \$1.3M and five full-time employees to administer the Minorities in Energy Initiative and implement stakeholder engagement and outreach activities.
- Q1b. What are the programs currently being funded within the Minorities in Energy Initiative and what are the levels of funding for each of these programs?
- A1b. DOE provides financial assistance awards and contracts to Minority Serving Institutions (MSIs) and minority businesses in support of research activities at the Department of Energy (DOE) laboratories; paid internships; scholarships; the formation of strategic public-private partnerships; and stakeholder engagement and outreach initiatives. Based on the FY 2018 Consolidated Appropriations Act, it is estimated that the total funding allocation for MSIs across DOE's complex will range from \$32M-\$33M. This funding is in addition to the \$1.3M invested by ED to conduct stakeholder engagement activities in support of STEM education and minority businesses, technical assistance, and workforce development programs. Specifically, DOE provides opportunities for underserved groups and communities to do the following:
- **Build Capacity** – DOE provides financial assistance awards to enable MSIs to strengthen their STEM capabilities by collaborating with the Department's national laboratories and scientific facilities. Also, MSI grantees are given opportunities to participate in the Visiting Faculty Program (VFP), which supports 10-week research appointments for faculty to collaborate on a research project with scientists at the DOE national laboratories.
 - **Engage in STEM Education and Workforce Development Programs** – The Department provides financial assistance support to enable MSIs and other

underserved groups to obtain scholarships and participate in internship/apprenticeship opportunities hosted by the DOE program offices in collaboration with the DOE national laboratories and/or minority-owned businesses.

- **Obtain Technical Assistance** – DOE provides information, tools and resources to MSIs and minority businesses to enable them to successfully compete for federal grants, contracts, and research opportunities.
- **Participate in Outreach and Engagement Activities** – The Department conducts stakeholder engagement and outreach activities targeted towards MSIs and underserved communities with the dual goal of building awareness of career and business opportunities in DOE and developing pathways for underrepresented groups to connect with the energy sector.

Q1c. What are the objectives of this initiative and how will those objectives be measured?

A1c. The Department is committed to building a more diverse and inclusive workforce pipeline by harnessing the full range of talent that our country has to offer. The new ED Director, James Campos, who was confirmed on April 9, 2018, by the United States Senate will be examining MIE's objectives and metrics to determine how best to leverage the program. Historically, MIE's objectives included: (1) increasing the number of qualified applicants from minority businesses and MSIs who receive research funding opportunities and participate in training programs; (2) building awareness among underserved communities of the career opportunities in DOE and the energy sector; (3) developing pathways for underserved communities to connect with energy sector employers; and (4) establishing a consortium of MSIs and minority businesses to enhance their capabilities and increase their ability to compete for federal and private opportunities on a broader scale. Success, or lack thereof, was measured by whether the objectives were accomplished.

Q1d. What is the timeline for reaching those objectives?

A1d. Going forward, the new ED Director, James Campos will establish appropriate timelines after a comprehensive review of the MIE Initiative is completed.

Q2. What are the plans for the Office of Economic Impact and Diversity moving forward?

Q2a. What are level of resources devoted to this department, including funding and personnel?

A2a. The Office of Economic Impact and Diversity's FY2018 budget is \$10.169 million and is comprised of 37 FTEs.

Q2b. Who is leading the OIED department and what is their background working on issues of diversity and inclusion?

A2b. The Office of Economic Impact and Diversity (ED) is led by James E. Campos, who was confirmed by the U.S. Senate on April 9, 2018. Mr. Campos has a distinguished career serving in both the public and private sectors. Prior to his Senate appointment, Mr. Campos served as the Senior Advisor on Economic Development & Strategic Planning/Government Affairs to the College President of Nevada State College (NSC). NSC is a Minority Serving Institution and the only four-year, comprehensive public college in the State of Nevada that places a special emphasis on the advancement of a diverse and largely underserved student populations. Mr. Campos also served a three-year term on the Nevada Equal Rights Commission beginning in 2011, and was the Deputy Administrator for Workforce Solutions for the Department of Employment, Training, and Rehabilitation in the State of Nevada. Mr. Campos' public sector experience also includes an appointment as the Commissioner of Consumer Affairs for the State of Nevada where he established an Ombudsman for Minority Affairs in the Consumer Affairs Division and Nevada Commission of Minority Affairs. He also served as a Member of the Nevada Workforce Investment Board in 2009, and on two of the Workforce Sector Councils from 2014 to 2017. Mr. Campos has been active in a number of community organizations, including (among others) the Latino Coalition Board of Directors. Mr. Campos was recognized in 2011 in the Las Vegas "In Business Magazine's" top five most influential Hispanics in business. He served as an adjunct college professor, teaching courses in organizational operations, international management, marketing, strategy, public relations and human resources. Mr. Campos holds B.A. and M.S. degrees from the University of Maryland, an M.B.A. from the University of Glasgow, Scotland, and an Executive Program Certificate from Georgetown University's McDonough School of Business. Mr. Campos is also a strong advocate for diversity and inclusion, minority education and

community development, minority business and economic development, and workforce initiatives.

Q2c. What are the objectives of this department and how will those objectives be measured?

A2c. Director Campos is conducting an extensive review of all programs under his purview and is still in the process of determining his priorities, including goals, objectives and metrics.

Q2d. What is the timeline for reaching those objectives?

A2d. As noted immediately above, Director Campos needs time to evaluate carefully his priorities before establishing timelines for accomplishing his goals and objectives.

Q3. What is the percentage or number of minorities in decision-making and leadership positions within the Secretary's office?

A3. As of July 7, 2018, there were a total of 21 Federal employees in decision-making and leadership positions within the Office of Secretary. Of those 21 personnel, 1 employee (4.76%) was a minority (African American).

Q4. What is the percentage or number of minorities on the Institutional Review Board?

- a. How many members make up the Institutional Review Board in total?
- b. How many members of the Institutional Review Board are African American?
- c. How many members of the Institutional Review Board are Latino?
- d. How many members of the Institutional Review Board are women?

A4. As of July 7, 2018, the Central DOE Institutional Review Board was comprised of four Federal employees, with all four being female and one being African American.

Q5. What is the percentage or number of minorities on the Secretary of Energy Advisory Board?

- a. How many members make up the Secretary of Energy Advisory Board in total?
- b. How many members of the Secretary of Energy Advisory Board are African American?
- c. How many members of the Secretary of Energy Advisory Board are Latino?
- d. How many members of the Secretary of Energy Advisory Board are women?

A5. As of July 25, 2018, there were no members serving on the Secretary of Energy Advisory Board (SEAB). The Department of Energy is in the process of standing up the SEAB.

Q6. What is the percentage or number of minorities that make up the Senior Executive Service?

- a. How many members of the Senior Executive Service are there in total?
- b. How many members of the Senior Executive Service are African American?
- c. How many members of the Senior Executive Service are Latino?
- d. How many members of the Senior Executive Service are women?

A6. As of July 7, 2018, there were a total of 406 people serving in the Senior Executive Service (SES) within the Department of Energy. Of those 406 personnel, 69 employees (16.9%) were minorities (with 29 being African American and 13 being Latino), and 99 (24.4%) were women.

Q7. How much money, in total dollars, does the Office of Science dole out in the form of research grants, scholarships, and other funding to schools and universities?

A7. The total Office of Science funding to all Institutions of Higher Education by fiscal year is listed in the table below:

Fiscal Year	Total SC Funds To All Institutions of Higher Education
FY 17	\$751,350,751
FY 16	\$800,855,708
FY 15	\$803,587,449
FY 14	\$752,309,087
FY 13	\$663,395,000
FY 12	\$698,760,000
FY 11	\$730,917,121
FY 10	\$887,127,015
FY 09	\$734,782,644
FY 08	\$611,477,429

Q8. What are the list of schools and universities that has received funding over the past 10 years from your department, as well as the amounts distributed to each institution?

A8. The list of institutions of higher education awarded funds by the DOE Office of Science over the past 10 fiscal years (FY 2008 – FY 2017) is over 50 pages long and provided in a separate attachment.

Q9. What is the percentage of funding that has gone to Minority Serving Institutions including Historically Black Colleges and Universities and Hispanic Serving Institutions over the past 10 years?

A9. The following table provides the funding and percentage of SC funding to Minority Serving Institutions (MSIs).

Fiscal Year	SC Funds to HBCUs*	SC Funds to HSIs*	SC Funds to AANAPISIs*	Total SC Funds to MSIs **	SC Funds To All Institutions of Higher Education	Percent of IHE Funds to MSIs*
FY 17	\$2,197,381	\$39,528,243	\$95,343,748	\$117,180,139	\$751,350,751	15.60%
FY 16	\$959,000	\$42,700,328	\$92,483,896	\$112,196,926	\$800,855,708	14.01%
FY 15	\$1,547,542	\$38,283,698	\$86,139,581	\$106,949,586	\$803,587,449	13.31%
FY 14	\$2,332,799	\$46,019,174	\$95,119,738	\$117,616,739	\$752,309,087	15.63%
FY 13	\$1,180,000	\$35,353,000	\$81,890,000	\$102,358,000	\$663,395,000	15.43%
FY 12	\$1,760,000	\$39,051,000	\$87,425,000	\$105,468,000	\$698,760,000	15.09%
FY 11	\$2,039,189	\$44,308,367	\$80,224,874	\$107,681,559	\$730,917,121	14.73%
FY 10	\$5,182,026	\$55,441,492	\$111,497,799	\$145,566,315	\$887,127,015	16.41%
FY 09	\$1,433,428	\$55,040,157	\$60,053,960	\$104,553,203	\$734,782,644	14.23%
FY 08	\$2,038,121	\$42,191,949	\$81,692,761	\$113,113,809	\$611,477,429	18.50%

* Historically Black Colleges and Universities (HBCUs); Hispanic Serving Institutions (HSIs); Asian American and Native American Pacific Islander Serving Institutions (AANAPISIs); Institutions of Higher Education (IHE)

** Some institutions of higher education meet eligibility criteria and self-report for more than one MSI category thus the sum of first three columns will be greater than this column.

Q10. How many minority directors are there of the 17 national labs?

A10. There are currently three minority laboratory directors, and 10.4% of all senior leadership positions (laboratory directors, deputy directors, associate laboratory directors) are currently held by people that fall in to categories of underrepresented minorities or other people of color. A full summary of demographics at the laboratories can be found here - <https://nationallabs.org/staff/diversity/>.

Q10a. How many African American directors are there of the 17 national labs?

A10a. There are currently no African American laboratory directors.

Q10b. How many Latino directors are there of the 17 national labs?

A10b. There are currently no Latino laboratory directors.

Q10c. How many women directors are there of the 17 national labs?

A10c. There are currently no women laboratory directors.

Q11. What is the approximate dollar amount of contracts that the 17 national labs dole out to private companies and vendors?

A11. In FY 2016 the 17 national laboratories had over \$3.7B available for subcontract awards.

Q12. Is there a goal or objective to include a percentage of minority contractors and vendors for all of the lab contracts?

A12. Federal agencies have specific contracting goals, including specific percentage goals for small business, small disadvantaged business, women-owned small business, service-disabled veteran-owned small business, and Historically Underutilized Business Zone (HUBZone) small businesses. These standard goals, as shown below, are used as the subcontracting goals for the national laboratories.

Goal Category	Goal (%)
Small Disadvantaged Business	5%
Women-Owned Small Business	5%
HUBZone Small Business	3%
Service-Disabled Veteran-Owned Small Business	3%

Q13. What percentage of these national lab contracts are given out to minority contractors and vendors?

A13. In FY 2016, the latest year for which reporting has been finalized, the Department met its subcontracting goals for small disadvantaged businesses, women-owned small businesses, and HUBZone small businesses.

Q14. Is there a plan in place to increase minority participation for contracting and vending opportunities with the national labs?

A14. The Department of Energy Office of Small and Disadvantaged Business Utilization (OSDBU) has developed a strategic plan for improving performance in all small business contracting and subcontracting goals, including achieving the Department's goals for small disadvantaged businesses and HUBZone small businesses.

Goal Category	FY 2016 Performance	Goal Achieved
Small Disadvantaged Business	~17%	Yes
Women-Owned Small Business	~15%	Yes
HUBZone Small Business	~3.5%	Yes
Service-Disabled Veteran-Owned Small Business	~2.9%	No

Q14a. Please specify what that plan entails.

A14a. The plan includes strategies for making it easier for small businesses to engage with the U.S. Department of Energy, cultivating more productive and collaborative relationships with internal stakeholders, and improving agency performance in the Small Business Administration's four graded socioeconomic subcategories.

Q14b. What resources, in funding and personnel, will be devoted to carrying out the plan to increase minority participation for contracting and vending opportunities with the national labs?

A14b. In addition to the eleven staff members of OSDBU, each major program has a small business program manager responsible for tracking its program's performance in all of the statutorily mandated small business goals and finding ways to improve their performance. The OSBDU budget in FY 2017 was \$2,994,000.

Q14c. What is the timeline for reaching these objectives?

A14c. The national laboratories are meeting their goals for disadvantaged small business, women-owned small businesses, and HUBZone small businesses.