

# THE STATE UNIVERSITY SYSTEM OF FLORIDA

## WASHINGTON E-UPDATE

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***Budget and Appropriations Update*** – Though light on details, the summary budget proposal President Trump unveiled two weeks ago is still sending shock waves throughout the nation and Congress—including his own political party. The plan, which would have to be approved by lawmakers, calls for a major military buildup at the expense of critical domestic programs, including public health, science and education.

President Trump's *America First* budget for fiscal year 2018 would boost defense, homeland security and veterans programs by \$54 billion next year, including \$3 billion to begin construction of a wall on the U.S.-Mexico border. Those increases would be offset by eliminating or drastically reducing funding for domestic programs, including research programs, environmental protection and a host of programs serving the needs of children, the poor, the elderly and the disabled.

Many in Congress, including top Republicans, have already declared large swaths of the president's budget blueprint dead-on-arrival. The House's top appropriator, Rep. Rodney Frelinghuysen (R-NJ) voiced skepticism, as did House Speaker Paul Ryan (R-WI). But as a practical matter, the president's budget request typically sets the tone, direction and parameters of the debate over funding. *(See below for a more detailed description of President Trump's fiscal year 2018 proposal.)*

But first things first. Congress has yet to pass 11 fiscal year 2017 appropriations bills which have been operating under a continuing resolution (CR) for the last six months. With the exception of the VA, all other federal departments and agencies have been on autopilot, running essentially at last year's funding levels under a CR that is set to expire on April 28. But there may be a light at the end of the tunnel.

Two weeks ago, the House passed the fiscal year 2017 Defense appropriations bill. And if all goes according to plan, the House could combine that bill with the other 10 unfinished spending bills into an omnibus appropriations bill, then send the measure to the Senate for passage.

Should the House encounter problems passing the bill (in the past, hard line conservatives in the Freedom Caucus have objected to a catchall omnibus bill), the Senate could use the House-passed Defense bill as a as a vehicle for carrying the remaining spending bills across the finish line.

For the past several days, House and Senate appropriations staff have been working feverishly to iron out their differences on those remaining bills. In the meantime, GOP leaders have made it clear that they want to avoid another government shutdown,

noting that a Republican-controlled Congress and White House would bear the full blame if they failed to pass an omnibus spending bill, or an extension of the CR.

As far as the timing, Congress will be in recess for two weeks in observance of Passover/Easter, starting April 10. When Congress returns to work the week of April 24, the House and Senate would have four days to pass the omnibus appropriations bill, probably with just hours to spare before the current CR expires on April 28.

## **Trump FY 2018 budget outline seeks major cuts to science and other domestic agencies and boost for defense spending**

The Trump Administration's first budget proposal for Fiscal 2018, a 53-page overview of more specific proposals expected in mid-May, was released March 16. Overall, the "America First" plan (referred to as the "skinny" budget) calls for raising defense spending by \$54 billion over the budget caps established in 2011 to \$603 billion. The proposal would make that increase by cutting a similar amount from non-defense spending at domestic agencies and the State Department, reducing total nondefense spending to \$462 billion. To read the FY 18 budget request, [click here](#).

Since the budget was released, a directive from the Office of Management and Budget has prevented agency personnel from discussing any aspects of the budget, including specifics or implications.

House Appropriations Committee Chairman Rodney Frelinghuysen (R-NJ) issued a statement in reaction saying: "Our Committee will take a close look at the budget and supplemental requests we received today. As directed under the Constitution, Congress has the power of the purse. While the President may offer proposals, Congress must review both requests to assure the wise investment of taxpayer dollars."

In the FY 18 budget request, the agencies with the three biggest losses are EPA (-31% cut and a 25% reduction in staff), State Department (-29%) and Agriculture (-21%).

The **National Institutes of Health** would be cut \$5.8 billion from the current 2017 level to \$25.9 billion – a 19% reduction. Language in the brief write-up implies that the Administration plans to target indirect costs as well. (See article below) The document proposes a "major reorganization" of NIH's Institute and Centers, and would have NIH absorb the Agency for Healthcare Quality and Research, currently a freestanding agency in HHS. It's unclear in the document how the CDC budget would be affected.

The **Department of Health and Human Services**, of which NIH is part, would be cut 17.9 percent, or \$15.1 billion. Among the cuts would be a \$403 million reduction in **health professions and nurse training programs** at the Health Resources and Services Administration.

**NOAA grants** targeting coastal and marine management, research and education including Sea Grant would be zeroed out, a loss of \$250 million.

For **Agriculture** the document says it will continue funding for “farmer-focused research and extension partnerships at land-grant universities. \$350 million would be available for competitive research, compared to \$819.6 million currently. Overall the department is cut 21 percent or \$4.7 billion.

At the **Energy Department, the Office of Science** would be cut \$900 million compared to current funding. The Advanced Research Projects Agency-Energy program would be eliminated. The department is cut in total by 5.6 percent or \$1.7 billion.

**NASA** would receive \$19.1 billion, a 0.8 percent cut, in the budget request. Programs are essentially continued at near current levels although the Office of Education is eliminated. Cybersecurity efforts would be strengthened, according to the document.

**Veterans** programs would receive a 6 percent increase over 2017 amounts and the Department of Homeland Security would receive a 7 percent hike.

Slated for complete funding elimination are the National Endowment for the Humanities, the National Endowment for the Arts, the Corporation for Community and Public Service, which runs AmeriCorps, the Corporation for Public Broadcasting, and the Institute of Museum and Library Sciences.

At the **Education Department**, discretionary funding would sustain a cut of \$9.2 billion to a level of \$59 billion –a 13.4 % cut. According to the budget document, the **Pell Grant** program would be safeguarded although it does not address whether it would maintain the maximum yearly grant. In addition, \$3.9 billion of the current \$7.9 billion surplus would be cancelled, a move that might affect the ability of Congress to reinstate the summer Pell program.

Funding would be increased by \$2.4 billion for school choice programs. The Federal Supplemental Educational Opportunity Grant program would be eliminated. HBCU and Minority-Serving programs would be maintained at current levels. The Federal Work Study program would be cut “significantly.” The TRIO and GEAR UP programs would be cut as well. International Education programs, Teacher Quality Partnerships and other program would be eliminated.

## **White House FY 2017 supplemental budget request submitted; put on hold by appropriators**

The same day the White House proposed its 2018 budget it also sent Congress a \$30 billion supplemental budget request for the current fiscal year, FY 2017. All of the proposed new funding would go to the Defense Department except for \$3 billion allocated for initial projects aimed at building a wall along the southern border.

Included in the proposal was a request to offset part of the funding by making \$18 billion in cuts to over 20 domestic agencies in the five months remaining in this fiscal year.

By the end of the March, Appropriations Committee leaders signaled publically that they would not consider the request until “later in the year,” putting it on hold as they attempt to wrap up Fiscal 2017 spending bills by April 28. It is considered very unlikely that the Appropriations Committees will go along with the Administration’s cutback proposals at any time; subcommittee chairs in both chambers have said it’s too late in the year to make such changes. However, the proposed cuts follow the themes for agencies established in the White House FY2018 “skinny” budget document. Among the reductions proposed by the White House to pay for the 2017 supplemental request are the following:

- **NIH** --\$1.2 billion in cuts including a \$1.18 reduction in research grants
- **NSF** --\$350 million cut to Research and Related Activities and Education programs
- **NASA**--\$50 million cut across the science program
- **NOAA**--\$90 million cut to JPSS and GOES weather satellites program; \$115 million cut to Coastal Zone Management Grants, resilience grants and climate grants; \$30 million cut to Sea Grant and Operations Research and Facilities account; and \$65 million cut to the Pacific Coastal Salmon Recovery Fund
- **NIST** --\$65 million cut to the Manufacturing Extension Partnership program; \$10 million cut to Manufacturing USA; and \$40 million cut to Scientific and Technical Services Account involving lab research
- **DOE** -- \$150 million cut to ARPA-E program; \$516 million cut to the Energy Efficiency and Renewable Energy program; \$341 million cut to Fossil Energy R&D program; \$168 million cut to Nuclear Energy program;\$37 million cut to Science programs; \$50 million cut to the Office of Electricity Delivery and Energy Reliability
- **Education Department** -- \$1.3 billion rescission to the Pell Grant program
- **Agriculture** --\$50 million cut to APHIS programs; \$50 million cut to Natural Resource Conservation Service Watershed and Flood Prevention Operations
- **AHRQ** --\$50 million cut across the agency
- **CDC** -- \$314 million in programs for HIV/AIDS, Prevention Research Centers, public health research, cancer registries, climate change and tobacco prevention research
- **FDA** --\$40 million in cuts to agency staffing
- **HRSA** -- \$170 million cut for health professions programs and the Maternal and Child Health Block Grant’s special projects
- **SAMHSA** --\$100 million cut to the Mental Health Block Grant program
- **FEMA**--\$90 million cut to programs including Federal Assistance/Grants for Pre-disaster Mitigation

## **University indirect cost rates for NIH grants to receive new scrutiny**

Federal policy on indirect cost rates for research grants at NIH received much discussion at a hearing March 29 by the House Labor-HHS-Education appropriations subcommittee and it is clear that the re-emerging topic will receive new attention as future budgets are examined.

The debate came during a hearing on the Fiscal 2018 budget request by the new Administration for the Department of Health and Human Services. HHS Secretary Tom Price told subcommittee members that his Department will look at “efficiencies and decreasing duplication” in biomedical research funding. He said, “About 30 percent of the grant money that goes out is used for indirect expenses which, as you know, means that that money goes for something other than the research that’s being done.”

Price was supporting the Administration’s recent request to cut NIH funding in 2018 by nearly \$6 billion or 19 percent. However, during the hearing Subcommittee Chairman Cole telegraphed that both his committee and the Senate counterpart are committed to maintaining momentum for NIH and he said they are on track to boost NIH funding by \$2 billion in the developing omnibus wrap up to the FY 2017 appropriations.

Revisiting indirect costs was indicated in the Administration’s budget outline released March 8. In supporting the steep proposed cuts, the document stated that, “The Budget also reduces administrative costs and rebalances Federal contributions to research funding.”

Cole said he expects to hear further debate on the indirect cost issue at an NIH budget hearing in May and later indicated his committee will examine the issue relating to NIH grants. A GAO report in 2013 examined the issue and described concerns with universities overbuilding research space as a result of funding received through indirect cost payments.

Subcommittee member Rep. Andy Harris (R-MD), a physician, has long been an advocate for reducing indirect costs and he urged more focus, citing the fact that private organizations have much lower rates than universities. To view the hearing, [click here](#).

## **House approves conference bill for FY17 Defense appropriations**

Six months in to the current fiscal year, the House approved a new version of the Defense appropriations bill for Fiscal 2017 on March 8 by a vote of 371 to 48. The bill now awaits action by the Senate but movement there is complicated by the fact that 10 remaining domestic spending bills for the year have also not been completed. All agencies are currently funded by a Continuing Resolution which expires on April 28.

H.R. 1301, the conference report for Defense Department appropriations, had been negotiated over the last several months. The bill provides \$577.9 billion, an increase of \$5.2 billion over the fiscal year 2016 enacted level. This includes \$516.1 billion in base discretionary funding – an increase of \$2 billion above current levels – and \$61.8 billion

in Overseas Contingency Operations (OCO)/Global War on Terrorism (GWOT) funding – \$3.2 billion above current levels. When combined with the \$5.8 billion in additional funding enacted in the Continuing Resolution that passed in December, the total Defense funding for fiscal year 2017 is \$583.7 billion, an increase of \$10.9 billion over fiscal year 2016.

***Basic research and medical research boosted*** -- The conference agreement contains \$72.7 billion for research, development, testing, and evaluation of new defense technologies. Funding for basic research programs is increased for the three services and across the Defense department:

- Army basic research increases to \$681 million;
- Navy increases to \$486.9 million;
- Air Force increases to \$545 million, and
- Defense-wide programs increase to \$681 million.

The research account for Historically Black Colleges and Universities is increased by \$10 million to \$33.5 million.

The agreement contains \$34.1 billion – \$1.5 billion above the fiscal year 2016 enacted level– for the Defense Health Program to provide care for troops, military families, and retirees. Within that, the agreement provides a total of \$2.1 billion for health research including \$312 million for cancer research, \$125 million for traumatic brain injury and psychological health research, and \$300 million for extramural research conducted under the Peer-Reviewed Medical Research Program. All of these funding levels represent increases above the budget request.

To read the appropriations bill text, [click here](#), or the report, [click here](#).

## **NASA FY 2017 authorization enacted**

Following Senate approval in February, the House passed a one-year, bipartisan reauthorization bill for NASA March 7 sending the legislation to the President who signed it on March 21.

[S. 442, the National Aeronautics and Space Administration \(NASA\) Transition Authorization Act of 2017](#) is intended to provide stability for NASA to sustain and build upon existing national space investments designed to advance space exploration and science. It provides an overall authorization level of \$19.508 billion for current fiscal year 2017. The legislation authorizes the entire agency, including the science mission directorate.

The bill emphasizes significant progress with the Space Launch System (SLS), Orion, and the Commercial Crew and Cargo programs and directs NASA to continue the programs. The bill also emphasizes the importance of the International Space Station and directs NASA to continue to transition activities in low-Earth orbit to the commercial

sector while setting human exploration of Mars as an explicit objective. In preparation for humans traveling to Mars, provisions of this bill allow for the long term medical monitoring and treatment of astronauts.

The bill reaffirms that NASA should remain a multi-mission agency with a balanced and robust set of core missions in science, space technology, aeronautics, human space flight and exploration, and education. Provisions are included that emphasize the importance of continuing the James Webb Space Telescope, Wide-field Infrared Survey Telescope, a Europa mission, and the Mars 2020 Rover.

The bill also includes provisions to enhance efficiency at the agency in the areas of information technology and cybersecurity, collaboration among mission directorates and programs, collaboration with commercial industry, cost estimation, and detection of counterfeit electronic parts.

## **Congressional education leaders seek reinstatement of DRT**

The Chairs and Ranking Members of the House and Senate education committees wrote to Education Secretary Betsy DeVos March 16 seeking information on what the Department plans to do to restore the online Data Retrieval Tool (DRT) that transfers data from the IRS to the FAFSA or in applying for or recertifying an income-driven repayment plan. "The availability of the DRT saves families and individuals time, streamlines the application process, and improves accuracy of applications," the letter states.

The tool has been suspended by the IRS over fears of it being used in identify theft. The lawmakers requested a briefing on the matter and are seeking a timeline for restoring an online system for populating the FAFSA form.

They wrote that the loss of the DRT could discourage many eligible low-income students from applying for aid.

## **European research visits open for NSF Postdoc Fellows**

The National Science Foundation released a letter March 17 on a program to connect NSF Postdoctoral Research Fellows with research teams in Europe for an extended research visit.

To further scientific and technological cooperation between the European Community and the United States, an Implementing Arrangement was signed in 2012 to enable U.S. scientists and engineers with NSF-funded CAREER awards and Postdoctoral Research Fellowships to pursue research collaboration with European colleagues supported through EU-funded European Research Council grants.

NSF Fellows can now apply for research visits for up to one year to any appropriate European research group. The deadline is April 21. Funding is normally provided by the host lab and NSF pays travel costs. For more information see the [NSF letter](#).

## **NIH announces single IRB agreement for CTSA**

NIH's National Center for Advancing Translational Sciences (NCATS) announced March 23 that all Clinical and Translational Science Awards (CTSA) Program sites have signed on to the [NCATS Streamlined, Multisite, Accelerated Resources for Trials \(SMART\) IRB](#) authorization agreement.

This agreement — which now includes a total of more than 150 top medical research institutions including UF — will enable all participating study sites to rely on the ethics review of one Institutional Review Board for each study, making it possible to initiate multisite studies within weeks instead of months.

This innovation is expected to streamline the previously cumbersome process of obtaining individual IRB approvals for large multisite clinical trials.

The SMART IRB authorization agreement serves as a model to help investigators adhere to the [NIH's policy on single IRB use for multisite studies](#). This policy was designed to improve IRB efficiencies while ensuring the protection of research participants so that research can proceed expeditiously.

## **Senate hearing covers importance of biomedical research**

“Saving Lives through Medical Research” was the topic of a hearing by the Senate Subcommittee on Labor, Health and Human Services, Education, and Related Agencies held March 8.

Four witnesses testified on the panel: Timothy Eberlein, M.D., Chairman of the Department of Surgery at the Washington University School of Medicine in St. Louis; Thomas Grabowski, Jr., M.D., a neurologist at the University of Washington; Dr. Stacey Schultz-Cherry, a faculty member in the Department of Infectious Diseases at St. Jude Children's Research Hospital; and Jennifer Sasser, PhD, an assistant professor in Department of Pharmacology and Physiology at the University of Mississippi Medical Center.

Subcommittee Chairman Roy Blunt's (R-MO) opening statement emphasized the importance of increased funding for the National Institutes of Health. He reiterated that “funding the NIH...provides the opportunity to capitalize on and enhance the discoveries made by the research community” and that the Senate “must remain focused on establishing a pattern of responsible investment through the appropriations process.”



While each witness delivered their testimony with a different perspective, they stressed the benefits to patients and medical researchers through NIH grant supported research.

Watch the hearing in full by [clicking here](#).

## **STEM education supported at Senate hearing**

Preparing students for the future in STEM fields was the topic of a Senate hearing March 15 by the Labor-HHS-Education appropriations subcommittee.

Subcommittee Chairman Roy Blunt's (R-MO) opening statement stressed the importance of high quality STEM education for the nation's workforce: "STEM... will support future National Institutes of Health-funded scientists seeking cures for deadly diseases, computer science engineers preventing cyberattacks on our businesses and national infrastructure and advanced manufacturing technicians building everything from medical devices to airplanes."

Blunt emphasized how expected high rates of retirement in some STEM fields will allow more opportunities for younger workers and how programs and activities funded through his subcommittee's bill will affect STEM education.

Hearing witnesses were: Neil Lamb, Ph.D., the Vice President of Educational Outreach at the Hudson Alpha Institute for Biotechnology Huntsville, Alabama, Sarah Tucker, Ph.D., a Chancellor for West Virginia Council for Community & Technical College Education in Charleston, West Virginia, Larry Plank, Ed.S., the Director of K-12 Science, Technology, Engineering & Mathematics Education of Hillsborough County Public Schools in Tampa, Florida, and Caroline King, a Chief Policy and Strategy Officer of the Washington STEM in Seattle, Washington.

Dr. Lamb outlined the current landscape and outlook for STEM jobs. He reported that while STEM career opportunities are growing, companies are finding it harder to hire qualified STEM professionals. According to his testimony, almost two and a half million unfilled STEM job vacancies are estimated for the coming year. Lamb noted that many Alabama students, educators and the biotech industry have benefited from the federal initiatives that were recently implemented.

Dr. Tucker discussed his Community College System's success in providing West Virginians with workforce programs leading to gainful employment. Thanks to successful partnerships like Bridge Valley Community and Toyota, students are able to go to school while obtaining job experience through hands-on training as well as class throughout the week. If students continue on this program and excel, they have the chance to be offered full time employment when they finish their two year degree.

Larry Plank explained his suggestions for building a successful STEM Program in magnet schools. These included: improving STEM-related courses, connecting classroom education to career based education, improving community relationships,

and increasing support of STEM learning. With the inclusion of these elements and federal investment, he believes students will become prepared for the workforce.

Finally, Caroline King's testimony emphasized the importance of STEM jobs and the opportunities they provide. She suggested that students and adult workers may not be receiving proper STEM skills in their training currently. To view the hearing, [click here](#).

## **Science committees recommend agency funding levels for 2018**

The Senate and House committees with jurisdiction over science agencies sent letters recommending 2018 funding levels to their respective Budget Committees March 10. The committees will consider the information as they develop each chamber's Budget Resolution for Fiscal 2018.

### ***Senate***

Members of the Senate Committee on Commerce, Science, and Transportation, including Florida Senator Bill Nelson, recommended funding levels and expressed concern over the administration's proposed cuts and repercussions they would have to programs at agencies including NSF, NOAA, NASA, NIST, CPB and OSTP.

The Committee recommended \$270 million increase above the baseline in FY18 for the National Oceanic and Atmospheric Administration. As support for this increase, they cite the NOAA's invaluable services such as weather forecasts, nautical charts, and fishery data. The Committee believes any constraints in funding would severely undermine these services. Senator Nelson filed legislation seeking \$62 million to acquire and install the necessary equipment for a Gulfstream aircraft. NOAA's Gulfstream Aircraft was grounded doing reconnaissance missions during Hurricane Hermine and has been left with no backup capability.

The Committee also strongly supports continued funding for NIST, as they have played a vital role in the development of cybersecurity standards. NIST provides technical assistance to the Elections Assistance Commission and any cut in funding to the Department of Commerce will undermine NIST's critical work, the letter said. An increase of \$15 million above the baseline is recommended by the Committee. Senator Nelson sent a letter to NIST requesting that the agency develop standards to address the threat of future Russian interference.

The letter also emphasized to the Senate Budget Committee the importance that the transportation agencies receive the full authorized funding levels under the FAST Act for infrastructure. Any cuts, the letter states, would be especially damaging to rail and safety programs, whom do not receive funding from the Highway Trust Fund.

## **House**

In its letter to the House Budget Committee, the House Committee on Science, Space, and Technology stated that it plans to work on a variety of agency authorizations this year.

Among the key federal science agencies expected to be reauthorized are NASA, DOE's Office of Science, NSF, and NIST, NOAA, science and technology at the DHS, and components of FAA research.

More notably the Committee will require that National Science Foundation research be funded at the Directorate level with 70 percent of the funding allocated to the Mathematical and Physical Sciences, the Biological Sciences, and the Engineering Directorates. The committee states that a "national interest" requirement in the American Innovation and Competitiveness Act enacted this year will work towards ensuring the grant-making process at NSF is transparent.

The Committee hopes to sustain funding for the Energy Department Office of Science while also reducing funding for the Energy Efficiency and Renewable Energy program and ARPA-E research by at least \$750 million.

The Committee's FY18 recommendations also include an increase in funding for NIST's Scientific and Technical Research Services account offset by a decrease in funding for NIST's Industrial Technology Services account.

## **USAID Grand Challenge competition open for solar power in Africa**

The US Global Development Lab is sponsoring a new Grand Challenge competition focused on solar development.

Under the *Scaling Off-Grid Energy Grand Challenge for Development*, the U.S. Agency for International Development (USAID) announced a new funding opportunity designed to increase private-sector investment in the household solar market.

USAID will support innovative technology solutions and business models across the household solar value chain in sub-Saharan Africa. USAID may provide up to \$4 million in matching funds, with estimated grant awards ranging from \$500,000 to \$1,500,000. Concept papers will be accepted on a rolling basis until April 30, 2017. For more information, [click here](#).

## Highlights of competitive grant opportunities at federal agencies

**Agency:** DHS-OPO  
Office of Procurement Operations - Grants Division

**Program:** DHS S&T Center of Excellence for Cross-Border Threat Screening and Supply Chain Defense - Lead

**Description:** The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) Office of University Programs (OUP) is requesting applications from accredited U.S. colleges and universities to lead a consortium of universities for a Center for Cross-Border Threat Screening and Supply Chain Defense (CBTS). OUP is also posting a separate NOFO for eligible applicants to submit single project proposals for consideration as a partner to this Center of Excellence (COE). Please see NOFO Number DHS-16-ST-061-CBTS-Partner or 97.061 on <http://www.grants.gov> for directions on how to submit single project proposals. DHS will select qualified individual projects from applications received for either the Center Lead NOFO or the Center Partner NOFO, regardless of the institution that is awarded as lead institution.

**Due Date:** 8/4/2017

**Funding:** \$35,000,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292506>

**Agency:** HHS-ACF-ORR  
Administration for Children and Families - ORR

**Program:** Refugee Microenterprise Development (MED) Program

**Description:** The Office of Refugee Resettlement (ORR) within The Administration for Children and Families' (ACF) invites eligible entities to submit competitive grant applications for the Refugee Microenterprise Development (MED) Program. ORR has supported MED projects since 1991 to a variety of public agencies, community economic development agencies, local mutual assistance associations, and voluntary agencies. The overall goal of the Refugee MED Program is assist refugees to become economically self-sufficient by, 1) assisting refugees to establish microenterprise businesses through the provision of MED loans, training and technical assistance (T/TA), and 2) assisting refugees in building credit history and/or repairing their credit score. Allowable activities under the Refugee MED Program include providing technical assistance on loans, maintaining a revolving loan fund, provision of credit builder loans, and administrative costs associated with managing the MED Program.

**Due Date:** 5/5/2017

**Funding:** \$2,000,000

**Awards:** 10

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=287953>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** National Resource Center for Nutrition and Aging (NRCNA)

**Description:** ACL/AoA will hold a competition for a cooperative agreement to operate a National Resource Center for Nutrition and Aging (NRCNA). The successful awardee will provide for training, technical assistance and support to the States; Units on Aging, Area Agencies on Aging and Nutrition Program providers in every State, Territory and the District of Columbia. ACL/AoA's objectives for the new cooperative agreement include, but are not limited to the following: - Create and effectively disseminate applicable resources for use by the experienced and inexperienced aging network nutrition professional.- Conduct targeted outreach to States' Units on Aging, Area Agencies on Aging, and Nutrition Program providers.- Assist in solving technical problems and enable peer learning for States' Units on Aging, Area Agencies on Aging, and Nutrition Program providers. ACL/AoA anticipates a three-year project period, with three one-year budget periods, subject to availability of funds.

**Due Date:** 5/16/2017

**Funding:** \$225,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=291783>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Assistive Technology Act National Activities: National Assistive Technology Data Analysis and Reporting Assistance

**Description:** The Administration for Community Living (ACL) proposes a discretionary grant competition under section 6(b) of the Assistive Technology Act of 1998, as Amended (AT Act), to fund one grant to develop, implement and maintain a day-to-day data collection tool and an aggregate data collection system that will feature an ad hoc query for state and national reporting. The grantee will provide technical assistance and training to entities under Section 4 of the AT Act to collect and report data on their activities,

including developing data collection capacity at the state level. ACL takes this action to assist the entities funded under section 4 of the AT Act to administer and manage their programs in order to improve their performance, to provide information to the public, and to increase access to and acquisition of AT devices and services for individuals with disabilities and older Americans.

**Due Date:**

**Funding:** \$317,148

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292565>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Disability and Rehabilitation Research Projects (DRRP) Program:  
Americans with Disabilities Act (ADA) National Network Collaborative  
Research Project

**Description:** The purpose of the DRRP programs, which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to improve the effectiveness of services authorized under the Rehabilitation Act by generating new knowledge or developing methods, procedures, and rehabilitation technologies that advance a wide range of independent living and employment outcomes for individuals with disabilities, especially individuals with the most significant disabilities. Under this priority, one DRRP grant will be awarded to serve as the NIDILRR American Disabilities Act (ADA) Research Collaborative. The DRRP must include the active collaboration of at least three NIDILRR-funded ADA National Network Regional Centers. The DRRP must conduct research that generates knowledge about ADA implementation and compliance. The DRRP must conduct research in one or more areas of the ADA. These areas may include but are not limited to research on specific titles of the ADA, research on ADA issues in specific industries, or research on ADA issues that are relevant to individuals with specific types of disabling conditions.

**Due Date:** 5/9/2017

**Funding:** \$500,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290396>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Disability and Rehabilitation Research Projects (DRRP) Program: Center on Knowledge Translation for Disability and Rehabilitation Research

**Description:** The purpose of the Disability and Rehabilitation Research Projects (DRRP) is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). Under this particular DRRP priority, applicants must propose activities aimed to 1) add new knowledge in the area of knowledge translation, 2) promote the use of NIDILRR-funded work that is relevant to the needs of intended audiences; and 3) support the knowledge translation endeavors of NIDILRR grantees and other NIDILRR-funded knowledge translation centers.

**Due Date:** 5/9/2017

**Funding:** \$750,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290405>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Spinal Cord Injury Model Systems (SCIMS) Multi-Site Collaborative Research Project

**Description:** The SCIMS program is designed to provide a multidisciplinary system of rehabilitation care specifically to meet the needs of individuals with SCI. To be eligible for a SCI Model Systems grant, an applicant institution must encompass a continuum of care for people with SCI, including emergency medical services, acute care services, acute medical rehabilitation services, and post-acute services. For purposes of this program, SCI is defined as a clinically discernible degree of neurologic impairment of the spinal cord following a traumatic event. The purpose of the SCIMS collaborative grant is to support multi-site research on topics related to rehabilitation following SCI. The SCI Collaborative grant must include collaborative multi-site research with three or more of the NIDILRR-funded SCIMS centers.

**Due Date:** 5/9/2017

**Funding:** \$900,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292279>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Rehabilitation Engineering Research Centers (RERCs) Program: RERC on Rehabilitation Strategies, Techniques, and Interventions

**Description:** The purpose of the RERC program is to improve the effectiveness of services authorized under the Rehabilitation Act by conducting advanced engineering research on and development of innovative technologies that are designed to solve particular rehabilitation problems or to remove environmental barriers. RERCs also demonstrate and evaluate such technologies, facilitate service delivery system changes, stimulate the production and distribution of new technologies and equipment in the private sector, and provide training opportunities. Field-Initiated RERC on Rehabilitation Strategies, Techniques, and Interventions: In the area of rehabilitation strategies, techniques, and interventions, NIDILRR seeks to fund research and development that leads to rehabilitation practices and services that improve the health, and the physical, cognitive, sensory, and communication abilities, of individuals with a wide range of disabling conditions. Rehabilitation engineering in this area should result in new or improved products, devices, and technological advances that enhance rehabilitation services in clinical or community settings.

**Due Date:** 5/9/2017

**Funding:** \$925,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=291729>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** National Center on Elder Abuse (NCEA)

**Description:** ACL has identified core targets to establish a vision for activities of the NCEA as established in statute. At a minimum, applicants must identify how they propose to meet/carry-out the core targets for the NCEA. Applicants may propose additional targets that build upon or expand the core targets established by ACL.

**Due Date:** 5/16/2017



**Funding:** \$960,958

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=291744>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Model Approaches for Monitoring Quality in the Community

**Description:** Through a cooperative agreement, AIDD will fund a consortium to develop and test a model for effectively monitoring quality in community settings that reduces and mitigates the incidence of abuse and neglect and supports empowerment, self-determination, and self-advocacy. The consortium will document their systems change and policy change efforts throughout the project period. A signed Memorandum of Understanding (MOU) between the members of the consortium must be submitted as part of the application. The agreement should describe how the entities participated in the development of the actual application and more importantly, how they plan to work together to ensure the goals and objectives included in the applicant are achieved.

**Due Date:**

**Funding:** \$1,350,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292514>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Disability and Rehabilitation Research Projects (DRRP) Program: Burn Model System (BMS) Centers Program

**Description:** The Administrator of the Administration for Community Living established a priority for the funding of Burn Model System Centers (BMS Centers) Program. The BMS Centers must provide comprehensive, multidisciplinary services to individuals with burn injury and conduct research that contributes to evidence-based rehabilitation interventions and clinical and practice guidelines. The BMS Centers must generate new knowledge that can be used to improve outcomes of individuals with burn injury in one or more of the domains identified. Under this particular DRRP priority, applicants must propose research that contributes to the development of evidence-based burn rehabilitation practices through the advancement of science at any stage of research; and can be used to improve outcomes of individuals with burn injury in one or more domains

identified in NIDILRR's Long Range Plan for Fiscal Years 2013-2017 (78 FR 20299). These domains are: (1) health and function, (2) community living and participation, and (3) employment.

**Due Date:** 5/9/2017

**Funding:** \$1,500,000

**Awards:** 4

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290631>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs Financed Solely by 2017 Prevention and Public Health Funds

**Description:** The Administration on Aging (AoA) within the Administration for Community Living (ACL), forecasts the possible availability of Fiscal Year (FY) 2017 funds to make three-year grants to approximately 6-8 entities to bring to scale and sustain evidence-based programs that empower older adults and adults with disabilities to better manage their chronic conditions. Goal 1: Significantly increase the number of older adults and adults with disabilities who participate in evidence-based self-management programs to empower them to better manage their chronic conditions; and Goal 2: Implement innovative funding arrangements (e.g. contracts with integrated health care systems) to support the CDSME programs beyond the grant period, while embedding the programs into an integrated, sustainable evidence-based prevention program network.

**Due Date:** 5/12/2017

**Funding:** \$6,413,619

**Awards:** 8

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290899>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Disability and Rehabilitation Research Projects (DRRP) Program:  
Traumatic Brain Injury (TBI) Model System Centers Program

**Description:** The Administration for Community Living establishes a priority for the funding of a National Traumatic Brain Injury (TBI) Model System Centers Program. The TBI Model System Centers must provide comprehensive, multidisciplinary services to individuals with traumatic brain injury and

conduct research that contributes to evidence-based rehabilitation interventions and clinical and practice guidelines. The TBI Model System Centers must generate new knowledge that can be used to improve outcomes of individuals with traumatic brain injury in one or more of the domains identified. Under this particular DRRP priority, applicants must propose research that contributes to the development of evidence-based traumatic brain injury rehabilitation practices through the advancement of science at any stage of research; and can be used to improve outcomes of individuals with TBI in one or more domains identified in NIDILRR's Long Range Plan for Fiscal Years 2013-2017 (78 FR 20299) . These domains are: (1) health and function, (2) community living and participation, and (3) employment.

**Due Date:** 5/9/2017

**Funding:** \$7,200,000

**Awards:** 16

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290612>

**Agency:** HHS-ACL  
Administration for Community Living

**Program:** Alzheimer's Disease Initiative - Specialized Supportive Services (ADI-SSS) Project Financed Solely by 2017 Prevention and Public Health Funds)

**Description:** The purpose of the ADI-SSS program is to provide grants to public and private entities that are working within existing, dementia-capable, long term services and supports systems and are committed to serving populations with the most need and living with or at risk of developing Alzheimers disease or a related dementia and their caregivers. Successful applicants will propose services designed to address the needs of three out of four identified service gaps identified in the Funding Opportunity Announcement. The grantees benefit from targeted technical assistance provided by the National Alzheimers and Dementia Resource Center which is funded through a contract awarded under the Alzheimers Disease Supportive Services Program.

**Due Date:** See announcement

**Funding:** \$10,050,746

**Awards:** 10

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292794>

**Agency:** HHS-AHRQ  
Agency for Health Care Research and Quality

**Program:** Consumer Assessment of Healthcare Providers and Systems V (CAHPS V) (U18)

**Description:** The purpose of this RFA is to continue the work of the Consumer Assessment of Healthcare Providers and Systems (CAHPS) program which AHRQ began in 1995. For the past 21 years, the CAHPS team -- CAHPS grantees, the CAHPS Survey User Network, and AHRQ CAHPS staff -- has advanced the science of patients' experience, particularly through the development of CAHPS surveys and related materials that allow consumers to assess their quality-related experiences with their health plans, providers, and health care facility settings. The CAHPS surveys are now broadly used by governmental agencies and organizations such as the Centers for Medicare and Medicaid Services (CMS), other health care purchasers, and the National Committee for Quality Assurance for a variety of different purposes such as value-based purchasing, public reporting, and accreditation. Specifically, this RFA solicits research to be performed within five broad areas: a) Advancing the science of consumer assessment of patient experience; b) Continued innovation to ensure relevance to health services delivery and survey best practices; c) Reporting patient experience data; d) Quality improvement (QI) studies; and e) Developing internal and external program communication strategies.

**Due Date:** 5/26/2017

**Funding:** \$3,000,000

**Awards:** 2

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292711>

**Agency:** USDA-AMS  
Agricultural Marketing Service

**Program:** Specialty Crop Block Grant Program

**Description:** The Agricultural Marketing Service (AMS) announces the availability of approximately \$60.6 million in grant funds to solely enhance the competitiveness of specialty crops. Specialty crops are defined as fruits and vegetables, dried fruit, tree nuts, horticulture and nursery crops (including floriculture). State departments of agriculture interested in obtaining grant program funds are invited to submit applications to AMS. State departments of agriculture, meaning agencies, commissions, or departments of a State government responsible for agriculture within the 50 States, the District of Columbia, the Commonwealth of Puerto Rico,

Guam, American Samoa, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands are eligible to apply.

**Due Date:** 6/7/2017

**Funding:** \$60,600,000

**Awards:** 56

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292157>

**Agency:** DOD-AFOSR  
Air Force Office of Scientific Research

**Program:** Fiscal Year 2018 Defense University Research Instrumentation Program (DURIP)

**Description:** The Department of Defense announces the Fiscal Year 2018 Defense University Research Instrumentation Program (DURIP). DURIP is designed to improve the capabilities of accredited United States institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense, by providing funds for the acquisition of research equipment or instrumentation. DURIP is part of the University Research Initiative (URI).

**Due Date:** 7/7/2017

**Funding:** \$47,000,000

**Awards:** 100

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292128>

**Agency:** DOD-AFOSR  
Air Force Office of Scientific Research

**Program:** Fiscal Year 2018 Department of Defense Multidisciplinary Research Program of the University Research Initiative

**Description:** The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD

**Due Date:** 11/1/2017

**Funding:** \$170,000,000

**Awards:** 10

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292607>

**Agency:** DOS-NEA-AC  
Assistance Coordination

**Program:** Promoting Womens Leadership and Gender Inclusive Policies in the Middle East and North Africa

**Description:** The Bureau of Near Eastern Affairs Office of Assistance Coordination (NEA/AC) announces a Notice of Funding Opportunity to promote womens leadership in the Middle East and North Africa (MENA). NEA/AC seeks projects that will enable existing and rising women leaders in the MENA region to: Increase their knowledge of qualitative and quantitative analysis on pathways and obstacles to increasing womens rights and leadership that are conducted across the MENA region; apply acquired knowledge to increase womens leadership in policymaking and promote gender-inclusive policies; and engage with civil society actors and government representatives throughout the region to increase awareness of the significance of womens leadership in policy-making.

**Due Date:** 4/18/2017

**Funding:** \$2,500,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292379>

**Agency:** USDOJ-OJP-BJA  
Bureau of Justice Assistance

**Program:** BJA FY 17 National Initiatives Adjudications: Training and Technical Assistance to Support Protection of Constitutional Rights Under the Sixth Amendment

**Description:** Funding to support several projects to support training and technical assistance to state and local governments to meet the obligations established by the Sixth Amendment to the United States Constitution, including the rights to a speedy public trial; impartial jury; effective assistance of Defense counsel; defendant notice of nature and cause of accusation; and to compel and cross examine witnesses. TTA activities will include dissemination of model information, best practices and research; support for defense systems strategic planning; and assistance with adopting and implementing a system and/or strategies for the administration of justice consistent with the Sixth Amendment, including the effective assistance of defense counsel.

**Due Date:** 5/16/2017

**Funding:** \$1,350,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292472>

**Agency:** DOI-BLM  
Bureau of Land Management

**Program:** BLM-[WO], Fisheries and Aquatic Resources Support

**Description:** Collaboratively develop and deploy invasive species outreach materials targeted to anglers, hunters, and boaters, to prevent the spread and impact of invasive plants and animals in the western United States through advertisements in state game and boating regulation booklets and sportsmen magazines and the production of invasive species awareness materials to be used at public launches. Provide technical support for aquatic resource assessments during land use planning, utilizing existing landscape or regional assessments such as the Conservation Success Index and Native Salmonid Population Viability Analysis. Provide professional development and networking opportunities for BLM staff through participation in a national professional society, including participation at regional and national annual meetings.

**Due Date:** 5/19/2017

**Funding:** \$17,000,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292556>

**Agency:** HHS-CDC-NCEZID  
Centers for Disease Control - NCEZID

**Program:** Continuing Enhanced National Surveillance for Prion Diseases in the United States

**Description:** The Centers for Disease control and Prevention announces the availability of fiscal year 2017 funds for a cooperative agreement program to continue enhanced national surveillance for prion diseases in the United States. The purpose of the funding is to continue an active surveillance program to monitor the occurrence of potentially emerging human TSEs in the United States.

**Due Date:** 5/24/2017

**Funding:** \$17,500,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290156>

**Agency:** HHS-CDC-NCHHSTP  
Centers for Disease Control - NCHHSTP

**Program:** Enhancing national STD/HIV prevention efforts by promoting holistic, comprehensive, and evidence-informed health and wellness approaches through strategic partnerships

**Description:** This FOA will provide support to the National Coalition for Sexual Health (NCSH) (<http://nationalcoalitionforsexualhealth.org/>). The Coalition brings together national leadership in order to accelerate STD/HIV prevention by advancing a more holistic and integrated public health approach by focusing on health and wellness frameworks, including sexual health in the U.S. These efforts represent an attempt to supplement traditional, disease-specific prevention frameworks with one emphasizing the broader promotion of health and wellness, including sexual health.

**Due Date:** 5/22/2017

**Funding:** \$2,000,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292558>

**Agency:** HHS-CDC-NCIPC  
Centers for Disease Control - NCIPC

**Program:** Educating State-Level Stakeholders on Injury and Violence Prevention

**Description:** Unintentional injuries and violence kill more individuals ages 1-44 than any other cause and are one of the top 10 leading causes of death for individuals of all ages. Each year nearly 180,000 die, 2.8 million are hospitalized and 29 million are treated in an emergency department. These events cost the United States more than \$400 billion dollars each year, with over \$80 billion in medical costs and the remainder in lost productivity. Many who survive violence and injuries are left with permanent physical and emotional scars which can lead to increases in risk for physical disability and chronic and other health conditions. States and communities also can be affected by violence and can face reductions in employee productivity, decreases in property values and disruptions in social services. Most events that result in violence, injury and/or death from violence or an unintentional injury could be prevented if public health strategies, practices, and policies based on the best available evidence were used throughout the nation (<http://www.cdc.gov/violenceprevention/pub/UnderstandingEvidence prt1.html>). Currently, CDC and state, local, and other partners are working diligently to identify and inform policy and programmatic strategies to prevent these injuries before they occur or respond appropriately if they do occur.



**Due Date:** 5/10/2017

**Funding:** \$450,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=290121>

**Agency:** ED  
Department of Education

**Program:** Office of Postsecondary Education (OPE): Gaining Early Awareness and Readiness for Undergraduate Programs (Partnership Grants)

**Description:** The GEAR UP Program is a discretionary grant program that provides funding for academic and related support services to eligible low-income students, including students with disabilities and English learners, to help them to obtain a secondary school diploma and to prepare for and succeed in postsecondary education. Under the GEAR UP Program, the Department awards grants to two types of entities: (1) States and (2) partnerships comprised, at minimum, of institutions of higher education (IHEs) and local educational agencies (LEAs).

**Due Date:** 4/19/2017

**Funding:** \$24,500,000

**Awards:** 20

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292348>

**Agency:** DOD-AMC  
Dept of the Army -- Materiel Command

**Program:** Fiscal Year 2018 Defense University Research Instrumentation Program (DURIP) - ARMY SUBMISSION

**Description:** The Department of Defense announces the Fiscal Year 2018 Defense University Research Instrumentation Program. DURIP is designed to improve the capabilities of accredited United States institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense, by providing funds for the acquisition of research equipment or instrumentation. DURIP is part of the University Research Initiative (URI).

**Due Date:** See announcement

**Funding:** \$47,000,000

**Awards:** 100

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292130>

**Agency:** DOT-FHWA  
DOT Federal Highway Administration

**Program:** SHRP2 Education Connection

**Description:** The purpose of the SHRP2 Education Connection is to increase awareness and understanding of SHRP2 products in the academic arena by incorporating SHRP2 products into collegiate level lesson plans and curricula. The SHRP2 products were developed to solve transportation problems and, therefore, lend themselves to transportation curricula such as civil and environmental engineering, and transportation planning. For the purpose of the planned awards, FHWA will focus on three of the four SHRP2 focus area: Reliability, Renewal, and Capacity. SHRP2 is a national partnership of three key transportation organizations: FHWA) the American Association of State Highway and Transportation Officials (AASHTO), and the Transportation Research Board (TRB).

**Due Date:** 5/9/2017

**Funding:** See announcement

**Awards:** 15

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292208>

**Agency:** FMCS  
Federal Mediation and Conciliation Service

**Program:** FMCS Labor-Management Cooperation Grant Program

**Description:** In accordance with the terms of the Labor-Management Cooperation Act of 1978, FMCS considers applications from plant, geographic or area-wide committees. During this grant cycle, we especially encourage applications from committees focused on the 21st century economy and the challenges of a rapidly evolving workplace, such as: job security and skills; working conditions for an increasingly mobile workforce; consensus solutions to workplace standards; organizational effectiveness; economic development and competitiveness for entire communities; hiring and retaining the next generation of workers.

**Due Date:** 5/31/2017

**Funding:** \$266,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=291784>

**Agency:** USDA-FS  
Forest Service

**Program:** Forest Service - Great Lakes RFA

**Description:** The U.S. Forest Service will support projects in the Great Lakes basin that implement the following strategic, priority actions: • restore tree canopy lost to infestation by emerald ash borer • create or improve green infrastructure through the planting of trees and other vegetation as part of a storm water management strategy • restore the function of coastal wetlands areas through planting of native trees and diverse vegetation.

**Due Date:** 4/13/2017

**Funding:** \$3,000,000

**Awards:** 40

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292098>

**Agency:** DOD-AFRL-RW  
Munitions Directorate

**Program:** Armament Technology Broad Agency Announcement

**Description:** This BAA will remain open through 12 March 2022 or until amended or superseded. It may be reissued and/or amended periodically, as needed. This BAA is set up in two parts: (1) Basic Open BAA, in which white papers may be submitted at any time during the open period, and (2) CALL BAA, in which proposal CALL announcements may be issued by the Government in FedBizOpps or Grants.gov under FA8651-17-S-0003. For these white papers, it is recommended prior to submission, each submitter consult with the technical POC to discuss the topic of interest. White papers may be submitted at any time during the open period to [afrl.rwk.baaworkflow@us.af.mil](mailto:afrl.rwk.baaworkflow@us.af.mil) IAW the instructions in Section IV.

**Due Date:** 3/11/2022

**Funding:** \$500,000,000

**Awards:**

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292442>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Laboratory Analysis of Returned Samples

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers

all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 4/26/2017

**Funding:** \$100,000 to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292791>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Earth Surface and Interior

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions;

development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 5/15/2017

**Funding:** See Announcement

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292190>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Astrophysics Data Analysis Program

**Description:** Proposers must be affiliated with an institution at [nspires.nasaprs.com/](http://nspires.nasaprs.com/) and, in general, NASA provides funding only to US institutions. Organizations outside the U.S. that propose on the basis of a policy of no-exchange-of-funds; consult Appendix B Section (I) of the Guidebook for Proposers (<http://www.hq.nasa.gov/office/procurement/nraguidebook/>) for specific details. Some NRAs may be issued jointly with a non-U.S. organization, e.g., those concerning guest observing programs for jointly sponsored space science programs, that will contain additional special guidelines for non-U.S. participants.

**Due Date:** 5/16/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292688>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Heliophysics Data Environment Enhancements

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies

relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 5/17/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292688>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Making Earth System Data Records for Use in Research Environments

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 5/22/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292573>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Atmospheric Composition Laboratory Research

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 5/26/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292516>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Land-Cover/Land-Use Change

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling,

and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 6/8/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292251>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Fire Impacts on Regional Emissions and Chemistry

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and



development of applied information systems applicable to SMD objectives and data.

**Due Date:** 6/16/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292699>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Advanced Component Technology

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 6/19/2017

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292580>

**Agency:** NASA-HQ  
NASA Headquarters

**Program:** ROSES 2017: Rapid Response and Novel Research in Earth Science

**Description:** This ROSES NRA (NNH17ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

**Due Date:** 3/29/2018

**Funding:** Up to \$1 million per award

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292191>

**Agency:** USDA-NIFA  
National Institute of Food and Agriculture

**Program:** Children, Youth and Families at Risk Sustainable Communities Projects

**Description:** Only one application per Land-grant institution will be accepted. Current CYFAR SCP grantees may submit an application for an additional new project; however, if the same community site is being used, a justification must be provided..

**Due Date:** 3/29/2017

**Funding:** \$7,040,000

**Awards:** 35

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292084>

**Agency:** USDA-NIFA  
National Institute of Food and Agriculture

**Program:** Minor Crop Pest Management Program Interregional Research Project #4

**Description:** The purpose of the IR-4 program is to enable the crop protection industry to provide safe, effective, and economical crop protection products for growers and consumers of minor/specialty crops. The crop protection industry cannot justify the costs associated with the research and development, registration, production, and marketing of crop protection products for minor/specialty crops due to the smaller market base and limited sales potential. The IR-4 program provides the assistance needed to ensure that new and more effective crop protection products are developed and made available to minor/specialty crop producers. These efforts require effective collaborations among federal agencies, the crop protection industry, and land-grant colleges and universities.

**Due Date:** 5/1/2017

**Funding:** \$11,000,000

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292626>

**Agency:** USDA-NIFA  
National Institute of Food and Agriculture

**Program:** Crop Protection and Pest Management Competitive Grants Program

**Description:** The purpose of the Crop Protection and Pest Management program is to address high priority issues related to pests and their management using IPM approaches at the state, regional and national levels. The CPPM program supports projects that will ensure food security and respond effectively to other major societal pest management challenges with comprehensive IPM approaches that are economically viable, ecologically prudent, and safe for human health. The CPPM program addresses IPM challenges for emerging issues and existing priority pest concerns that can be addressed more effectively with new and emerging technologies. The outcomes of the CPPM program are effective, affordable, and environmentally sound IPM practices and strategies needed to maintain agricultural productivity and healthy communities.

**Due Date:** 5/9/2017

**Funding:** \$12,100,000

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292285>

**Agency:** USDA-NIFA  
National Institute of Food and Agriculture

**Program:** Agriculture and Food Research Initiative - Water for Food Production Systems Challenge Area

**Description:** This AFRI Challenge Area focuses on multidisciplinary systems approaches, which integrate new technologies and strategic management that solve water availability and quality challenges in food production systems. The long-term goal of this program is to sustainably increase agricultural productivity and availability of safe and nutritious food while significantly reducing water use and preserving water quality. The projects are expected to transform how abundant, safe, and nutritious food is produced, processed, distributed, and consumed within the limits of available water from traditional and non-traditional sources. Applications are invited from eligible entities to submit integrated Research, Education and/or Extension projects in two specific grant types: Coordinated Agricultural Projects (CAP) and Strengthening (Food and Agricultural Science Enhancement) CAP grants (see Water for Food Production Systems RFA for details).

**Due Date:** 8/2/2017

**Funding:** \$34,000,000

**Awards:** 6

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292712>

**Agency:** USDOJ-OJP-NIJ  
National Institute of Justice

**Program:** NIJ FY17 Evaluation of OVC's Vision 21: Law Enforcement and the Communities They Serve: Supporting Collective Healing in the Wake of Harm

**Description:** The National Institute of Justice has a longstanding history of collaboration with and supporting the Office for Victims of Crime (OVC) on research, evaluation, and programmatic projects. With this solicitation, in partnership OVC, NIJ seeks competitive proposals for a single award that will support evaluation research on the Vision 21: Law Enforcement and the Communities They Serve: Supporting Collective Healing in the Wake of Harm (Collective Healing). This purpose of this award will be to support an initial one-year planning phase to develop comprehensive evaluation options to assess the pilot sites of the Collective Healing initiative. Results from this evaluation planning phase may lay the groundwork for a possible targeted larger evaluation program of the Collective Healing program.

**Due Date:** 5/15/2017

**Funding:** \$500,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292461>

**Agency:** USDOJ-OJP-NIJ  
National Institute of Justice

**Program:** NIJ FY17 Postconviction Testing of DNA Evidence

**Description:** NIJ seeks proposals for funding to assist in defraying the costs associated with postconviction DNA testing in cases of violent felony offenses (as defined by State law) in which actual innocence might be demonstrated. Funds may be used to identify and review such postconviction cases and to locate and analyze associated biological evidence. This supports the DOJ mission to ensure fair and impartial administration of justice for all Americans. While successful exonerations to correct injustice are notable program outcomes, the careful review, consideration and closing of cases subjected to postconviction DNA testing that do not ultimately demonstrate innocence also work to advance the public's interest that justice has been fairly applied.

**Due Date:** 5/9/2017

**Funding:** \$3,600,000

**Awards:** 6

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292697>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Revision Applications to National Cancer Institute (NCI)-supported P01 Awards to Include Research on the NCI's Provocative Questions (P01)

**Description:** These revision applications are expected to focus on research related to one of the 12 of the NCI's Provocative Questions (PQs) published in RFA-CA-17-017 and RFA-CA-17-018 that are intended for new R01 and R21 applications, respectively. This FOA encourages research that directly addresses PQs, including research that helps validate PQ research outcomes or adopt and disseminate PQ research results that impact cancer research and clinical care. Studies proposed in the revision applications must correspond to a new research project expanding the scope, yet integrated into the overall theme, of the entire parent P01 award.

**Due Date:** 10/30/2018

**Funding:** \$750,000  
**Awards:** See announcement  
**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292439>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Revision Applications to NCI-supported R01 Awards to Include Research on the NCI's Provocative Questions (R01)

**Description:** This Announcement invites revision applications from investigators with active NCI R01 research grants. These revision applications are expected to focus on research related to one of the 12 of the NCI's Provocative Questions (PQs) published for new applications in RFA-CA-17-017 (R01) and RFA-CA-17-018 (R21). This FOA encourages research that directly addresses PQs, including research that helps validate PQ research outcomes or adopt and disseminate PQ research results that impact cancer research and clinical care. Studies proposed in the revision applications must correspond to additional specific aims, expanding the scope of individual, already funded projects of the parent R01 award.

**Due Date:** 10/30/2018

**Funding:** \$750,000  
**Awards:** See announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292441>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Revision Applications to National Cancer Institute (NCI)-supported U01 Awards to Include Research on the NCI's Provocative Questions (U01)

**Description:** This Announcement invites revision applications from investigators with active NCI U01 research project awards. These revision applications are expected to focus on research related to one of the 12 of the NCI's Provocative Questions (PQs) published for new applications in RFA-CA-17-017 (R01) and RFA-CA-17-018 (R21). This FOA encourages research that directly addresses PQs, including research that helps validate PQ research outcomes or adopt and disseminate PQ research results that impact cancer research and clinical care. Studies proposed in the revision applications must correspond to additional specific aims, expanding the scope of individual, already funded projects of the parent U01 award.

**Due Date:** 10/30/2018

**Funding:** \$750,000

**Awards:**

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292438>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Pragmatic Research in Healthcare Settings to improve Kidney Disease Prevention and Care (R18)

**Description:** The purpose of this Research Demonstration and Dissemination Projects (R18) Announcement is to encourage research applications to test approaches to improve kidney disease prevention and/or treatment in routine healthcare settings. Research applications should be designed to test practical and potentially sustainable strategies that target the prevention or improved care of kidney disease, or the prevention or delay of the complications of kidney disease. The goal of the research is to obtain results that will improve routine healthcare practice and inform healthcare policy for the prevention or management of these conditions.

**Due Date:** 10/24/2017

**Funding:** \$1,500,000

**Awards:** See announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292422>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Sleep Health and Circadian Biology in HIV-Related Comorbidities (R01)

**Description:** This Announcement invites clinical research applications to investigate HIV-associated sleep disorders in adults or children using a variety of resources (e.g., existing cohorts, sample repositories) and methodologies (cellular/molecular/genomic approaches and/or vertebrate animal models). The purpose of this FOA is to elucidate mechanisms and mediators of sleep and circadian disturbances in people living with HIV, and the consequences and influences of these disturbances on other HIV-related heart, lung and blood comorbidities. Studies should address hypotheses mechanistically connecting sleep-associated disorders in the context of HIV with molecular/cellular pathways that may be related to prevalent HIV-related cardiopulmonary and/or hematological comorbidities. This FOA requires interdisciplinary collaborations among scientists across a range of relevant disciplines including circadian biology, sleep, and HIV.

**Due Date:** 8/9/2017

**Funding:** \$1,650,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292454>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Alcohol-PTSD Comorbidity: Preclinical Studies of Models and Mechanisms (R01)

**Description:** This Announcement, issued by the National Institute on Alcohol Abuse and Alcoholism (NIAAA), and with possible collaboration with Cohen Veterans Bioscience, encourages Research Project Grant (R01) applications that will further the development, validation and/or application of animal models for mechanistic studies on the comorbidity of PTSD and alcohol use disorders.

**Due Date:** 5/17/2017

**Funding:** \$2,000,000

**Awards:** 8

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292292>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Center for Coordination of Analytics, Science, Enhancement , and Logistics (CASEL) in Tobacco Regulatory Science (U54)

**Description:** This Announcement solicits applications for a Center for Coordination of Analytics, Science, Enhancement, and Logistics (CASEL) in Tobacco Regulatory Science. CASEL will support the scientific research programs funded by the Food and Drug Administration (FDA) Center for Tobacco Products (CTP), and will facilitate synthesis, coordination and communications of research and career enhancement within those programs. The overall objective of CASEL is to support research programs that can inform the FDA CTP in tobacco product regulatory activities and actions. Through leadership, coordination, and facilitation of collaborative efforts, CASEL can accelerate the advancement of science relevant to the Family Smoking Prevention and Tobacco Control Act (FSPTCA). The NIH and the FDA have formed an interagency partnership to foster research relevant to FDA's tobacco regulatory authorities. The award under this FOA will be administered by the NIH using designated funds from the FDA CTP for tobacco regulatory science mandated by the



Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31.

**Due Date:** 7/19/2017

**Funding:** \$2,000,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292416>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** NIDA Translational Avant-Garde Award for Development of Medication to Treat Substance Use Disorders (UG3/UH3)

**Description:** The purpose of this award is to support outstanding basic and/or clinical researchers with the vision and expertise to translate research discoveries into medications for the treatment of Substance Use Disorders (SUDs) stemming from tobacco, cannabis, cocaine, methamphetamine, heroin, or prescription opiate use. Eligible applicants must demonstrate the ability to develop molecules with the potential to treat SUDs and advance them in the drug development continuum. The ultimate goal of this FOA is to bring molecules closer to FDA approval. The UG3/UH3 Phased Innovation Awards Cooperative Agreement involves 2 phases. The UG3 will support a project with specific milestones to be accomplished at the end of the 2-year period. The UH3 will provide funding for 3 years to a project that successfully completed the milestones set in the UG3. UG3 projects that have met their milestones will be administratively considered by NIDA and prioritized for transition to the UH3 phase. Investigators responding to this FOA must address both UG3 and UH3 phases. Through this FOA, NIDA seeks to attract exceptionally talented investigators to the mission of expanding the number and breadth of lead molecules in the pipeline for drug addiction treatment, optimizing these leads, and/or advancing them to clinical testing.

**Due Date:** 7/25/2019

**Funding:** \$2,000,000

**Awards:** 2

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292303>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Intensive Longitudinal Analysis of Health Behaviors: Leveraging New Technologies to Understand Health Behaviors (U01)

**Description:** This Announcement encourages applications to support Research Projects studying factors that influence key health behaviors at the individual level, using intensive longitudinal data collection and analytic methods. The network will also assess how study results can be leveraged to introduce innovations into longstanding behavioral theories to advance the field of theory-driven behavior change interventions.

**Due Date:** 1/7/2018

**Funding:** \$2,500,000

**Awards:** 5

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292669>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Detecting Cognitive Impairment, Including Dementia, in Primary Care and Other Everyday Clinical Settings for the General Public and in Health Disparities Populations (UG3/UH3)

**Description:** The purpose of this funding opportunity announcement is to invite applications that address the unmet need to detect cognitive impairment, including dementia, in large and diverse populations seen in primary care across the United States, including in health disparities populations, when a patient, relative, or care provider indicates concern. Proposed clinical paradigms should utilize tools that are simple to use, standardized, and ideally take five minutes or less to administer in a primary care clinical setting.

**Due Date:** 5/9/2017

**Funding:** \$2,800,000

**Awards:** 4

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292291>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** Integration and Validation of Emerging Technologies to Accelerate Cancer Research (R33)

**Description:** This Announcement is associated with the Beau Biden Cancer Moonshot SM Initiative that is intended to accelerate cancer research. The purpose of this FOA is to promote research on the advanced development and

rigorous validation of new enabling technologies/tools/capabilities with a transformative potential for cancer research and clinical oncology.

**Due Date:** 5/10/2017

**Funding:** \$5,000,000

**Awards:** 10

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292672>

**Agency:** HHS-NIH11  
National Institutes of Health

**Program:** NIMHD Specialized Centers of Excellence for Research on Minority Health and Health Disparities (U54)

**Description:** This Announcement invites applications to establish NIMHD Centers of Excellence in eligible institutions of higher education. The purpose of this initiative is to advance the science of minority health and health disparities by conducting transdisciplinary, multi-level research in a defined thematic area and by providing research opportunities and support for post-doctoral fellows, junior faculty, and other investigators.

**Due Date:** 5/15/2017

**Funding:** \$20,000,000

**Awards:** 15

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292175>

**Agency:** USDA-NRCS  
Natural Resources Conservation Service

**Program:** Conservation Innovation Grant

**Description:** The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging the Federal investment in environmental enhancement and protection, in conjunction with agricultural and forestry production. CIG projects are expected to lead to the transfer of conservation technologies, management systems, and innovative approaches (such as market-based systems) into NRCS policy, technical manuals, guides, and references or to the private sector.

**Due Date:** 4/28/2017

**Funding:** See announcement

**Awards:** 50

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292150>

**Agency:** NSF-17-502  
National Science Foundation

**Program:** Advanced Biomanufacturing of Therapeutic Cells (ABTC)

**Description:** In recent years, somatic cells as therapeutic agents have provided new treatment approaches for a number of pathological conditions that were deemed untreatable, or difficult to treat. Several successful cell therapies using T cells have been demonstrated for cancer and autoimmune diseases, while stem cell therapies have given relief for heart disease and stroke. Hundreds of clinical trials are ongoing to examine efficacy of cell therapies for a variety of other diseases including diabetes, Alzheimer's, Parkinson's, and Crohn's disease. Production of therapeutic cells is currently expensive and, therefore, cost prohibitive for the large number of people who might benefit from these treatments. The overarching goal of this Advanced Biomanufacturing of Therapeutic Cells (ABTC) solicitation is to catalyze well-integrated interdisciplinary research to understand, design, and control cell manufacturing systems and processes that will enable reproducible, cost-effective, and high-quality production of cells with predictable performance for the identified therapeutic function.

**Due Date:** 4/17/2017

**Funding:** \$5,000,000

**Awards:** 10

**Website:** <https://www.nsf.gov/pubs/2017/nsf17502/nsf17502.htm>

**Agency:** NSF-17-524  
National Science Foundation

**Program:** Management and Operation of the Ocean Observatories Initiative (OOI)

**Description:** The OOI is a large scale ocean observing system constructed and deployed under NSF sponsorship and oversight as a Major Research Equipment and Facilities Construction (MREFC) Project. The system includes an integrated network of cabled and uncabled arrays of instrumentation, distributed in various coastal and global ocean locations, to facilitate Ocean Science research. Since construction was completed in 2016, the OOI has been in operational status at an approximate funding level of \$55,000,000 (\$55M) per year. The existing Cooperative Agreement (CA) for Construction and Initial Operation of the facility extends from September 2009 through April 2017. A National Research Council (NRC) review commissioned by NSF to examine the balance of Ocean Science research and infrastructure costs over the next decade resulted in NSF

developing an implementation plan that will require significant changes to the facility operation envisioned by the current CA. The new approaches required for managing and operating the OOI in the best interest of U.S. science will most effectively be implemented by a new operating model that encourages greater efficiency, innovation, and collaboration. This solicitation seeks the services of a qualified organization to provide scientific and technical management and operation of the OOI consistent with National Science Board policy and NSF's decisions regarding NRC recommendations. The initial period of the award is intended to cover five years, plus a maximum 6 month transition period if required, with performance expected to begin in late-2017.

**Due Date:** 4/17/2017

**Funding:** See announcement

**Awards:** 1

**Website:** <https://www.nsf.gov/pubs/2017/nsf17524/nsf17524.htm>

**Agency:** NSF-17-545  
National Science Foundation

**Program:** Small Business Technology Transfer Program Phase I (STTR)

**Description:** The STTR program is congressionally mandated and intended to support scientific excellence and technological innovation through the investment of federal research funds to build a strong national economy by: stimulating technological innovation in the private sector; strengthening the role of small business in meeting federal research and development needs; increasing the commercial application of federally supported research results; and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The STTR program solicits proposals from the small business sector consistent with NSF's mission to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense.

The NSF SBIR/STTR program places a strong emphasis on private-sector commercialization. Because the program has no topical focus, the NSF offers very broad solicitation topics that are intended to permit as many eligible science- and technology-based small businesses as possible to compete for these funds. The topics are detailed on the SBIR/STTR website. In many cases, our program is also open to proposals focusing in technical and market areas not explicitly noted in the aforementioned topics.

**Due Date:** 6/14/2017

**Funding:** \$9,000,000

**Awards:** 40

**Website:** <https://www.nsf.gov/pubs/2017/nsf17545/nsf17545.htm>

**Agency:** NSF-17-544  
National Science Foundation

**Program:** Small Business Innovation Research Program Phase I (SBIR)

**Description:** The SBIR program is congressionally mandated and intended to support scientific excellence and technological innovation through the investment of federal research funds to build a strong national economy by: stimulating technological innovation in the private sector; strengthening the role of small business in meeting federal research and development needs; increasing the commercial application of federally supported research results; and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The SBIR program solicits proposals from the small business sector consistent with NSF's mission to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense. The NSF SBIR/STTR program places a strong emphasis on private-sector commercialization. Because the program has no topical focus, the NSF offers very broad solicitation topics that are intended to permit as many eligible science- and technology-based small businesses as possible to compete for these funds. The topics are detailed on the SBIR/STTR website. In many cases, our program is also open to proposals focusing in technical and market areas not explicitly noted in the aforementioned topics.

**Due Date:** 6/14/2017

**Funding:** See announcement

**Awards:** 150

**Website:** <https://www.nsf.gov/pubs/2017/nsf17544/nsf17544.htm>

**Agency:** NSF-17-546  
National Science Foundation

**Program:** Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

**Description:** NSF's Directorate for Computer and Information Science and Engineering (CISE) initiated the National Network of Big Data Regional Innovation Hubs (BD Hubs) program in FY 2015. Four BD Hubs – *Midwest, Northeast, South, and West* – were established to foster multi-sector collaborations among academia, industry, and government, both

nationally and internationally. These BD Hubs are serving a convening and coordinating role by bringing together a wide range of Big Data stakeholders in order to connect solution seekers with solution providers. In FY 2016, the *Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)* solicitation began extending the BD Hubs network by establishing multi-institutional and multi-sector collaborations to focus on topics of specific interest to a given region. The first set of BD Spokes was funded in FY 2016. This solicitation calls for new BD Spoke proposals to be awarded in FY 2018. Collaborating with BD Hubs, each BD Spoke will focus on a particular topic that requires Big Data approaches and solutions. The set of activities managed by a BD Spoke will promote progress towards solutions in the chosen topic area. The regional BD Hub Steering Committee will provide general guidance to each BD Spoke and will assist the BD Spoke in coordinating with the national BD Hub network, with other BD Spokes, and with the broader innovation ecosystem.

**Due Date:** 9/18/2017

**Funding:** See announcement

**Awards:** 10

**Website:** <https://www.nsf.gov/pubs/2017/nsf17546/nsf17546.htm>

**Agency:** DOD-ONR-SEA-CRANE  
NSWC - CRANE

**Program:** 3D Visualization

**Description:** NSWC Crane is interested in funding research of advanced 3D Visualization renderings from dynamic (moving) platforms. This proposed research is to assess techniques currently utilized in a static environment and determine approaches to utilize several moving platforms in creating the 3D visualization of the scene

**Due Date:** 4/19/2017

**Funding:** \$40,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292623>

**Agency:** DOD-ONR-SEA-CRANE  
NSWC - CRANE

**Program:** Forensic Analysis of Microelectronics

**Description:** NSWC Crane is interested in funding research to determine capabilities of mass spectrometry in forensic analysis of organic and inorganic compounds associated with microelectronics.

**Due Date:** 4/19/2017

**Funding:** \$40,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292625>

**Agency:** USDOJ-OJP-OJJDP  
Office of Juvenile Justice Delinquency Prevention

**Program:** OJJDP FY 17 National Incidence Studies of Missing Children Reported to Law Enforcement

**Description:** This program will test strategies and work to produce national estimates of missing children reported to law enforcement in response to the Congressional mandate: The administrator [OJJDP] shall triennially conduct national incidence studies to determine for a given year the actual number of children who are abducted by strangers, the number of children who are victims of parental kidnappings, and the number of children who are recovered each year.

**Due Date:** 5/3/2017

**Funding:** \$1,000,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292582>

**Agency:** USDOJ-OJP-OJJDP  
Office of Juvenile Justice Delinquency Prevention

**Program:** OJJDP FY 17 Changing Minds: Professional Development and Public Education to Address Children Exposed to Violence and Childhood Trauma

**Description:** To extend and continue the important work done to date in educating the public and in professional development on children exposed to violence, OJJDP invites applications to provide training, technical assistance, and resources to state, local, and tribal professionals who work with at-risk children and justice-involved youth in three discrete categories of funding, as described following: Category 1: Master Trainings/Training of Trainers on CEV and childhood trauma for educators and educational administrators in public school and correctional and alternative education settings based on the Changing Minds K-12 training institute; Category 2:



Master Trainings/Training of Trainers on CEV and childhood trauma for law enforcement based on the Enhancing Law Enforcement Response to Children Exposed to Violence curriculum and toolkit; and Category 3: Changing Minds Public Awareness Campaign expansion and enhancement.

**Due Date:** 5/2/2017

**Funding:** \$6,000,000

**Awards:** 6

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292578>

**Agency:** DOS-GTIP  
Office to Monitor-Combat Trafficking in Persons

**Program:** Program to End Modern Slavery (PEMS)

**Description:** Anti-Trafficking in Persons Program to End Modern Slavery

**Due Date:** 5/15/2017

**Funding:** \$25,000,000

**Awards:** 10

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=292464>