

THE STATE UNIVERSITY SYSTEM OF FLORIDA

WASHINGTON E-UPDATE

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November 2015

Budget and Appropriations Update – With just days to go before a potentially devastating default, Congress overwhelmingly adopted a bipartisan budget agreement that lifts the federal borrowing limit and eases federal spending limits through fiscal year 2017.

In a surprising display of cooperation, House and Senate leaders worked behind closed doors with President Obama to forge the Bipartisan Budget Act of 2015 (BBA), which raises the federal borrowing limit through March 15, 2017. In addition to preventing a default on the federal debt, the measure also increases federal spending limits by \$80 billion over the next two years.

The legislation more than pays for itself by: selling off 58 million barrels of oil from the Strategic Petroleum Reserve; auctioning off portions of the government-held electromagnetic spectrum; increasing premiums that companies must pay to the Pension Benefit Guaranty Corporation; and lowering the rate of return for crop insurance providers.

The BBA also eases the way for Congress to complete work on 12 appropriations bills over the next several weeks. It increases the FY 2016 discretionary spending cap by \$50 billion and the FY 2017 cap by \$30 billion, with the increases equally split each year between defense and non-defense spending.

The agreement gives the House and Senate Appropriations Committees just over one month to iron out their differences over the 12 government spending bills for federal agencies that are currently operating under a continuing resolution expiring December 11.

The text of the two year “Bipartisan Budget Act of 2015” agreed to is [here](#). See also a section-by-section summary [here](#).

SUS Capitol Hill workshop features agency leaders in high-risk high-reward research and marine sciences

Sixty research directors, administrators and key scientific faculty from across SUS institutions attended the third annual SUS Federal R&D Agency Workshop held in the U.S. Capitol October 8-9. The meeting was planned to allow top agency directors an opportunity to brief SUS personnel on upcoming budget, policy and scientific priorities

for the next few years. The workshop sought to inform and discuss federal programs and opportunities in two key areas that Florida universities might be able to take advantage of and benefit from.

The first day focused on presentations from all of the federal programs supporting high-risk, high-reward research – a current priority in federal scientific policy. Presentations covered work by:

- The Defense Advanced Research Projects Agency (DARPA)
- The Intelligence Advanced Research Projects Agency (IARPA)
- The Advanced Research Projects Agency – Energy (ARPA-E)
- The Homeland Security Advanced Research Projects Agency (HSARPA), and
- High-risk, high-reward programs at NIH and NSF, as well as a presentation by the Education Department’s Executive Director of STEM on a proposal for an ARPA-Ed program.

The second day of the program focused on marine, coastal, water, and ocean sciences. Leaders from the following research funding agencies presented:

- Engineer Research and Development Center, Army Corps of Engineers
- National Oceanic and Atmospheric Administration
- Office of Naval Research
- Ocean Sciences Division, National Science Foundation
- U.S. Geological Survey

Vice Chancellor for Academic and Student Affairs Jan Ignash moderated the meeting. Kei Koizumi, Assistant Director of Federal Research and Development at the White House Office of Science and Technology Policy (OSTP) delivered keynote remarks to open the conference and provide an overview of relevant federal investments and programs.

A main theme to emerge from each speaker was the desire for universities and agencies represented to engage together. Agency leaders encouraged university researchers to reach out to program managers to begin conversations about their current research or research ideas and the possibility of funding opportunities.

Attendees at the meeting were also treated to a personal “candlelight tour” of the U.S. Capitol late in the evening by Florida Congressman John Mica who led the SUS group on to the floor of the House of Representatives and the U.S. Senate and into other historic rooms.

The presentation slides and a summary of the meeting are provided on the SUS website [here](#).

Transportation bill advancing

With the current surface transportation bill set to expire November 20 the House is preparing to vote on a multi-year reauthorization bill this week-- a major test for newly elected Speaker Paul Ryan.

The House Transportation Committee approved a six-year transportation bill (H.R. 3763) on October 22 – the first long-term bill approved by the committee since 2012. The Senate passed its bill (HR 22) earlier this summer.

The legislation would authorize \$330 billion in spending over the six years. However, with gas tax revenue falling, the bill as written would be \$85 billion short, so committee leaders have been working with the Ways and Means Committee to find offsets for covering the shortfall before it goes to the House floor.

The bill carries numerous research programs including the University Transportation Centers research program, which funds multiple SUS research centers. A House-Senate conference committee will try to iron out a final bill in the remaining weeks.

Education committee chairs challenge agency on accreditor investigation

The chairs of the U.S. Senate and House education committees called on a federal agency with authority over consumer financial products to immediately halt its “unprecedented” investigation into a college accreditor.

Senate Chair Lamar Alexander (R-TN) and House Chair John Kline (R-MN) sent a letter Oct. 23 to Richard Cordray, director of the Consumer Financial Protection Bureau, following recent reports that the agency has initiated an investigation into a college accreditor.

“We write to request you immediately rescind the issuance of a civil investigative demand to the Accrediting Council for Independent Colleges and Schools (ACICS) and halt any other planned investigatory actions regarding accreditors or the accreditation of institutions of higher education,” Alexander and Kline wrote. “This action is an unprecedented overreach by the Consumer Financial Protection Bureau (CFPB) and raises serious concerns regarding jurisdiction given the CFPB’s limited enforcement authority that does not in any way include the higher education accreditation process.”

The chairs write that Congress has given the U.S. Department of Education sole authority over accreditors, but has not given the education department the authority to determine education quality itself. As the chairs note:

By undertaking this investigation, the CFPB is holding itself out as an expert in determining the quality of education or training programs at institutions of higher education. Congress clearly stipulated in law this determination is not something the federal government can or should do. Not even the Department of Education is

authorized by law to determine the quality of institutions of higher education. This action is an unprecedented intrusion by your agency into higher education and undermines the process Congress created to assess institutional quality. This action will cause confusion and disruption throughout the higher education community and ultimately undermine the ability of students to further their education.

Both committees are in the process of reauthorizing the *Higher Education Act*, which includes a review of the accreditation process. The chairs wrote: “Any changes to the accreditation process must take place through the legislative process. Your efforts in this area are an inappropriate and disruptive intrusion into the work of Congress and our nation’s higher education system. For these reasons, we request you immediately cease your misguided investigation.” To read the letter [click here](#).

Rubio bill would create alternative accreditation system

Florida Senator Marco Rubio and Senator Michael Bennet (D-CO) introduced [the Higher Education Innovation Act](#) (S. 2111) this month, which proposes an alternative accreditation system. This envisioned program would be “outcomes-based,” and would expand the spectrum of higher education providers who could participate in programs under Title IV of the Higher Education Act, including Pell grants.

A number of criteria would need to be met for institutions to be eligible under this legislation. Eligible entities would be required to support and promote “student success outcomes,” to be cost effective; to provide educational programs that lead to a degree or certificate, credentialing, or to be a “course bundle;” and to meet a series of performance metrics outlined in the bill.

This bill is one of many currently being considered by the Senate Health, Education, Labor, and Pensions Committee in advance of the reauthorization of the Higher Education Act.

NIH “Open Science Prize” competition announced

The National Institutes of Health is collaborating with London-based Wellcome Trust to launch a global science competition for new products or services to advance “open science,” a movement to make scientific research data broadly accessible to the public.

Up to six teams of technology experts and researchers stand to win \$80,000 each to develop their ideas into a prototype or to advance an existing early stage prototype. The prototype judged to have the greatest potential to further open science will receive \$230,000.

“Research is a global, data-driven enterprise and our ability to improve health increasingly hinges on our ability to manage and make sense of the enormous amounts of data being produced by scientific research,” said NIH Director Francis S. Collins, M.D., Ph.D. “I expect the Open Science Prize to generate innovative ideas to improve data access and establish new international collaborations that will illustrate the transformative power of sharing research data.”

The volume of digital information generated by biomedical research often called “big data” is growing at a rapidly increasing pace. Researchers’ ability to derive knowledge from data is hindered by their ability to find, access and use it. The goal of the Open Science Prize is to support the development and prototyping of services, tools and platforms to overcome these hurdles to ensure data can be used to advance discovery and spur innovation.

The first phase of the competition is accepting applications through Feb. 29, 2016. Six teams will be selected based on the advice of a [panel of experts](#) to receive the prize money to advance their ideas to prototypes, and will be required to submit their prototypes by Dec. 1, 2016. The overall winner is expected to be selected on Feb. 28, 2017. More information about the Open Science Prize can be found at: <http://openscienceprize.org>. The NIH effort is part of the [Big Data to Knowledge Initiative](#), launched in December 2013 as a trans-NIH program with funding from all 27 institutes and centers, as well as the NIH Common Fund.

House hearing explores port cyber security

Cyber attack vulnerability at our nation’s ports was the focus of a hearing October 8 by the Border and Maritime Security Subcommittee of the House Homeland Security Committee.

“Protecting Maritime Facilities in the 21st Century: Are our nation’s ports at risk for a cyber attack?” featured testimony by representatives of the Coast Guard and Government Accounting Office

Subcommittee Chair, Rep. Candice Miller (R-MI), said that since 9/11, Congress has appropriated \$2.4 billion for port security but most of this for physical and not cyber security. Under the Maritime Security Act of 2002, the Coast Guard was assigned responsibility for cyber security. She said that automated industrial control systems in our ports are concerning, although there have not been any major breaches. She advocated conducting risk assessments to understand which ports are at greater risks of cyber-attacks.

Gregory Wilshusen, Director of Information Security Issues at the GAO said that the increasing dependence of port activities on computerized information and management systems makes the nation vulnerable to many threats from a variety of potential adversaries. He also emphasized that more work needs to be done to ensure that

federal and non-federal stakeholders alike are working together to combat threats. To read testimony or view the hearing webcast, [click here](#).

Senate appropriators consider increase for NIH at hearing

The Senate Appropriations Subcommittee on Labor, Health and Human Services, Education, and Related Agencies held a hearing October 7 to consider a proposed \$2 billion increase in funding for the National Institutes of Health.

The increase would represent a 7 percent increase over current NIH appropriations. NIH Director Francis Collins appeared at the hearing along with directors from several other major Institutes including NCI, NIDDK, NINDS, NIGM and NIDA.

Senators had particular interest in learning more about how NIH planned to use this proposed budget increase. NIH representatives highlighted the critical importance of having funds to retain young scientists and researchers. Additionally, agency Directors noted the importance of this funding in increasing research and development which could accelerate cures and innovation and enhance screening and preventative tools.

Senator Alexander (R-TN) expressed concern about an increase in mandatory funding to NIH as proposed in the 21st Century Cures bill, citing broad concerns over budget and a preference for Congressional oversight. Nevertheless, he noted the critical need for science and technology and expressed willingness to keep an open mind to the proposition. The hearing can be viewed in its entirety [here](#).

Education Department issues two new rules on student loans and repayment

As part of the Administration's efforts to address student loan debt, the Education Department issued two rules on October 26 expanding student loan repayment options and broadening the current income based repayment program.

The new repayment rule will allow five million Direct Loan borrowers to pay ten percent of their annual income per month towards student loans, regardless of when they first took out these loans. Though the program currently serves borrowers who took out Direct Loans prior to October 2007 or who have not borrowed since 2011, this rule will allow those with at least one loan to have their balance forgiven after 25 years of payments. This program, which will begin in December, also includes provisions that will extend circumstances for institutions to challenge or appeal their loan default rates.

Another rule released by the Department expands options for students receiving financial aid. To address concerning issues associated with the "campus card market," this rule would prohibit universities from requiring students or parents to open a particular type of account into which loans are disbursed, and would require institutions to provide a list of disbursement options. To read more, [click here](#).

Dual enrollment experiment launched; Education Department opening high school access to Pell

The Education Department launched a new demonstration effort October 30 intended to expand college coursework for high schools students from low-income backgrounds by allowing access to Federal Pell Grants.

For the first time, high school students will have the opportunity to access Federal Pell Grants to take college courses through dual enrollment in which students enroll in postsecondary coursework while also enrolled in high school.

The Department will release a [Federal Register Notice](#) this week inviting universities, in partnership with public secondary schools or local education agencies, to apply to participate in the dual enrollment experiment. The Department will invest up to \$20 million in the 2016-17 award year, benefiting up to 10,000 students from low-income backgrounds across the country. To read more, [click here](#).

Hearing examines Vet Success program -- started at USF

The VA's VetSuccess on Campus Program was the topic of a hearing October 23 by the Economic Opportunity Subcommittee of the House Committee on Veteran's Affairs.

Subcommittee Chairman Brad Wenstrup (R-OH), relayed the history of the Vet Success program with its start as a pilot program in 2009 at the University of South Florida. It has since expanded to 94 campuses across the country. Its goal is to provide veterans with assistance and counseling as they utilize the GI bill to make their way through school.

Wenstrup expressed concerns about putting masters level counselors at each VSOC location when they might not be necessary everywhere. He advocated taking a thorough look at outcomes to determine needed program improvements. Ranking member Mark Takano (D-CA) said he wants the VA to provide the committee with concrete data on VSOC outcomes and that would increase the likelihood that Congress might expand the program.

Dr. Lawrence A. Braue, LTC (USA, Ret.), Director Office of Veterans Services at the University of South Florida, was one of the panelists. He spoke about the comprehensive program available at USF. In 2013, a vet to vet tutoring program was established which has since provided services to 165 vets on campus. One problem they have been dealing with is that two different VA offices influence the VSOC program, and these offices often provide conflicting guidance. He said that recently the regional office provided a caseload to the counselor of over 50 people. Such a large caseload reduces the counselor's ability to have a positive impact on the total veteran population on campus. Braue thinks that with a few structural and leadership modifications this program can greatly enhance the veteran retention rate. He added that the VA should include universities in the development of success metrics, and the

VA should include the universities in the program development and decision making process.

Another speaker was William Hubbard, Vice President of Government Affairs, Student Veterans of America. He said his organization is highly supportive of VSOC's intent. Hubbard would like to see the program expanded. When conducting a survey of potential improvements to the program, he found many veterans said they wouldn't change anything about the program. However, the three most common improvements cited were awareness of the program, expansion to more campuses, and an increase in faculty. To view the hearing webcast, [click here](#).

AAMC data continues to show need for more GME residency slots

The Association of American Medical Colleges (AAMC) recently released data noting that though the number of students enrolled in medical school has increased by 25 percent since 2002, the number of residency slots remains limited. The AAMC said that 20,630 students have enrolled in medical schools this fall and that the number of first-time applicants increased by 4.8 percent.

In addition to increasing in size, medical colleges are displaying increasing diversity. Enrollment of African-American students increased by 11.6 percent, including a 13.4 percent increase of female African-American students. Hispanic enrollment in medical school also increased by 6.9 percent.

Despite increases in student enrollment, federal funding for post-graduate physician education has been stalled for about twenty years. Darrell Kirch, President of the AAMC, notes that a physician shortage is likely if the number of residency slots does not increase to meet the growing number of medical students.

The House Ways and Means Health Subcommittee is considering how to tackle this issue. Chairman Kevin Brady (R-TX) may introduce a plan to overhaul payments associated with indirect costs of training medical residents into a current legislative package reexamining how Medicare pays hospitals. Representative Brady's proposed bill can be found [here](#).

Highlights of competitive grant opportunities at federal agencies

Agency: Department of Commerce

Program: Fiscal Year 2016 NOAA Gulf of Mexico Bay-Watershed Education and Training (B-WET) Program

Description: The National Marine Fisheries Service Southeast Region (Fisheries Southeast Regional Office) is seeking proposals under the Gulf of Mexico

B-WET Program -- a competitive, environmental education, grants program that promotes locally relevant, experiential learning in the K-12 environment. Funded projects provide Meaningful Watershed Educational Experiences (MWEEs) for students, related professional development for teachers, and help to support regional education and environmental priorities in the Gulf of Mexico. This program addresses NOAA's Long-Term Goal of "Healthy Oceans: Marine fisheries, habitats, and biodiversity are sustained within healthy and productive ecosystems" and "NOAA's Engagement Enterprise Objective for An engaged and educated public with an improved capacity to make scientifically informed environmental decisions".

Due Date: December 11, 2015

Funding: Total Program Funding: \$700,000; Award Ceiling: \$100,000; Award Floor: \$25,000

Website: <http://www.oesd.noaa.gov/grants/docs/bwet/noaa-nmfs-se-2016-2004691-GULF.pdf>

Agency: Department of Commerce
Economic Development Administration

Program: FY 2016 Economic Development Assistance Programs - Application submission and program requirements for EDA's Public Works and Economic Adjustment Assistance programs

Description: The Economic Development Administration's (EDA's) mission is to lead the Federal economic development agenda by promoting innovation and competitiveness, preparing American regions for economic growth and success in the worldwide economy. EDA supports development in economically distressed areas of the United States by fostering job creation and attracting private investment. Specifically, under the Economic Development Assistance programs (EDAP) Federal Funding Opportunity announcement, EDA will make construction, non-construction, and revolving loan fund investments under the Public Works and Economic Adjustment Assistance (EAA) Programs. Grants made under these programs will leverage regional assets to support the implementation of regional economic development strategies designed to create jobs, leverage private capital, encourage economic development, and strengthen America's ability to compete in the global marketplace.

Due Date: No deadline

Funding: Award Ceiling: \$3,000,000; Award Floor: \$100,000

Website: <http://www.eda.gov/>

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: Neurotoxin Exposure Treatment Parkinson's Depression Research Award

Description: The NETPR was initiated in FY97 to provide support for research of exceptional scientific merit leading to an understanding of the cause, prevention, and treatment of the loss of dopaminergic neurons in the Substantia nigra that result in Parkinson's disease (PD). This funding opportunity is specifically focused on the following Areas of Emphasis on depression as a risk factor and/or co-morbidity in PD: · Delineation of metabolic pathways that may lead to identification of molecular markers and/or therapeutic targets associated with modulation or control of serotonergic or non-serotonergic activity. · Characterization of underlying genetic mechanisms associated with development of depression, or characterization of intersects between genetic mechanisms associated with depression and other known risk factors (as identified in published literature) for development of PD. · Identification of surrogate markers in the blood for identification, diagnosis, susceptibility, maintenance, or progression of depression associated with neurodegeneration. Innovative applications not focused on the Areas of Emphasis noted above are acceptable, provided the application: · Is specifically related to development or progression of depression as a non-motor manifestation of PD and/or is clearly linked to depression as a risk factor for initiation or progression of PD; and · Provides a strong rationale for relevance to the mission of the NETPR Program.

Due Date: 12/16/2015

Funding: Total Program Funding: \$2,500,000

Website: <http://cdmrp.army.mil/pubs/press/2015/15netprppreann.shtml>

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: Neurotoxin Exposure Treatment Parkinson's Career Progression Award

Description: This funding opportunity is specifically focused on the following Areas of Emphasis for non-motor manifestations in PD (e.g., cognitive impairment, depression, autonomic dysfunction, and sleep disturbance): · Identification of metabolic pathway alterations and/or therapeutic intervention points. · Identification of molecular markers. · Exploration of genetic alterations associated with functional expressions of non-motor manifestations of the sporadic (non-familial) form of PD. Innovative applications not focused on the Areas of Emphasis noted above are acceptable, provided the application: · Addresses the development or progression of one or more non-motor manifestations of PD; and · Provides a strong rationale for

relevance to the mission of the NETPR Program. The Depression Research Award mechanism is being offered for the first time in FY15. The intent of the NETPR Program Career Progression Award is to support independent, early-career investigators who have innovative, high-impact ideas or new technologies applicable to PD research and/or patient care. This award provides an opportunity to obtain the funding and experience necessary for productive career progression at the forefront of research specifically on non-motor aspects of PD. Preliminary data to support the feasibility and rationale of the proposed work are required.

Due Date: 12/16/2015

Funding: Total Program Funding: \$1,000,000

Website:

<https://ebrap.org/eBRAP/public/ViewFileTemplate.htm?fileTemplateId=1190500&fileType=pdf>

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: DoD DMRDP JPC-8 Clinical and Rehabilitative Medicine

Description: The FY15 JPC-8/CRM RP ERI is intended to support Phase I, II, or pivotal clinical trial phase development projects focused on extremity regeneration. The focus is on bone and soft tissue reconstruction, limb and tissue salvage technologies, and regenerative medicine technologies for the treatment of trauma-induced damage. All clinical trials must be responsive to the health care needs of military Service members and Veterans, as well as the general public. All proposals/applications must specifically and clearly address the military relevance of the proposed research.

Due Date: 12/22/2015

Funding: Total Program Funding: \$4,900,000

Website: http://cdmrp.army.mil/funding/pa/13dmrdpcrmrpnrsra_pa.pdf

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: DoD FY15 Extremity Regeneration Technology/Therapeutic Development Award

Description: This funding opportunity is specifically focused on the following Areas of Emphasis for non-motor manifestations in PD (e.g., cognitive impairment, depression, autonomic dysfunction, and sleep disturbance):
- Identification

of metabolic pathway alterations and/or therapeutic intervention points.
Identification of molecular markers.
Exploration of genetic alterations associated with functional expressions of non-motor manifestations of the sporadic (non-familial) form of PD.
Innovative applications not focused on the Areas of Emphasis noted above are acceptable, provided the application:
Addresses the development or progression of one or more non-motor manifestations of PD; and
Provides a strong rationale for relevance to the mission of the NETPR Program. The Depression Research Award mechanism is being offered for the first time in FY15. The intent of the NETPR Program Career Progression Award is to support independent, early-career investigators who have innovative, high-impact ideas or new technologies applicable to PD research and/or patient care. This award provides an opportunity to obtain the funding and experience necessary for productive career progression at the forefront of research specifically on non-motor aspects of PD. Preliminary data to support the feasibility and rationale of the proposed work are required.

Due Date: 12/22/2015

Funding: Total Program Funding: \$6,300,000

Website: http://cdmrp.army.mil/funding/pa/15dmrdpcrmrperTTDA_pa.pdf

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: DoD FY15 Vision Research Program Technology/Therapeutic Development Award

Description: The FY15/16 Vision Research Program (VRP) challenges the scientific community to design innovative research that will foster new directions for, and address neglected issues in, the field of vision research. The FY15/16 VRP Technology/Therapeutic Development Award (TTDA) is a mission-driven award intended to provide support for the translation of promising preclinical findings into products for clinical applications, including detection, diagnosis, treatment, or quality of life, in at least one of the FY15/16 VRP TTDA Capability Gaps.

Due Date: 12/16/2015

Funding: Total Program Funding: \$3,000,000

Website: http://cdmrp.army.mil/funding/pa/15vrpttda_pa.pdf

Agency: Department of Defense
Dept. of the Army -- USAMRAA

Program: DoD FY15 Vision Research Program Technology/Therapeutic Development Award

Description: The FY15/16 Vision Research Program (VRP) Clinical Trial Award (CTA) supports research with the potential to have a major impact on the treatment or management of visual injury and/or dysfunction. Funding from this award mechanism must support a clinical trial and should not be used for preclinical research studies. To meet the intent of the FY15/16 VRP CTA, the research proposals must address one or more of the Capability Gaps

Due Date: 12/16/2015

Funding: Total Program Funding: \$6,000,000

Website: http://cdmrp.army.mil/funding/pa/15vrpcta_pa.pdf

Agency: Department of Education

Program: OSERS-OSEP: Preparation in Special Education, Early Intervention, and Related Services: **Focus Area D** Preparing Personnel in Minority Institutions of Higher Education to Serve Children, Including Infants and Toddlers with Disabilities

Description: The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

Due Date: 12/14/2015

Funding: Total Program Funding: \$2,500,000; Award Ceiling: \$250,000

Website: <http://www.gpo.gov/fdsys/pkg/FR-2015-10-15/pdf/2015-26290.pdf>

Agency: Department of Education

Program: OSERS-OSEP: Preparation in Special Education, Early Intervention, and Related Services: **Focus Area C** Preparing Personnel to Provide Related Services to Children, Including Infants and Toddlers, with Disabilities. CFDA Number 84.325K-3

Description: The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention,

related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

Due Date: 12/14/2015

Funding: Total Program Funding: \$2,000,000; Award Ceiling: \$250,000

Website: <http://www.gpo.gov/fdsys/pkg/FR-2015-10-15/pdf/2015-26290.pdf>

Agency: Department of Education

Program: OSERS-OSEP: Preparation in Special Education, Early Intervention, and Related Services: **Focus Area A:** Preparing Personnel to Serve Infants, Toddlers, and Preschool- Age Children with Disabilities CFDA Number 84.325K-1

Description: The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

Due Date: 12/14/2015

Funding: Total Program Funding: \$1,500,000; Award Ceiling: \$250,000

Website: <http://www.gpo.gov/fdsys/pkg/FR-2015-10-15/pdf/2015-26290.pdf>

Agency: Department of Education

Program: OSERS-OSEP: Preparation in Special Education, Early Intervention, and Related Services: **Focus Area B** Preparing Personnel to Serve School-Age Children with Low Incidence Disabilities. CFDA Number 84.325K-2

Description: The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have

been determined through scientifically based research and experience, to be successful in serving those children.

Due Date: 12/14/2015

Funding: Total Program Funding: \$3,500,000; Award Ceiling: \$250,000

Website: <http://www.gpo.gov/fdsys/pkg/FR-2015-10-15/pdf/2015-26290.pdf>

Agency: Department of Education

Program: OSERS-OSEP: Personnel Development to Improve Services and Results for Children with Disabilities: Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel CFDA Number 84.325D

Description: The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

Due Date: 12/8/2015

Funding: Total Program Funding: \$3,500,000; Award Ceiling: \$250,000

Website: <http://www.gpo.gov/fdsys/pkg/FR-2015-10-09/pdf/2015-25876.pdf>

Agency: Department of Energy
Office of Science

Program: SBIR/STTR FY 2016 Phase II Release 1

Description: The purpose of an Initial Phase II grant is to perform the research and development required to meet the DOE objectives stated in the topic and subtopic of the Phase I FOA. In addition, it is intended that the small business grantee would be in a position to pursue commercial applications of the R&D at the end of Phase II. In many cases, Phase II results in a prototype, product, or a working process that can be demonstrated to a potential investor or customer (either in the private sector or in the Federal government, including the DOE).

Due Date: December 15, 2015

Funding: Total Program Funding: \$80,000,000; Award Ceiling: \$1,510,000; Award Floor: \$1

Website: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0001405&agency=DOE>

Agency: Department of Health and Human Services
Administration for Children & Families

Program: Head Start and/or Early Head Start Grantee - Alachua, Citrus, Dixie, Gilchrist, Levy, and Marion Counties, Florida

Description: Through this announcement, the Administration for Children and Families solicits applications from public or private non-profit organizations, including community-based and faith-based organizations, or for-profit organizations that seek to provide a high-quality, comprehensive birth-to-five program incorporating both Head Start and Early Head Start funding, or to provide for Head Start only or Early Head Start only, to children and families residing in Alachua, Citrus, Dixie, Gilchrist, Levy, and Marion Counties, Florida. Funds in the amount of \$13,985,743 annually will be available to provide Head Start and/or Early Head Start program services to eligible children and their families. Interested applicants may email the OHS Operations Center at OHSTech@reviewops.org for additional information.

Due Date: 30-Nov-15

Funding: Estimated Total Program Funding: \$13,985,743; Award Ceiling: \$13,985,743; Award Floor: \$500,000

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OHS-CH-R04-1145>

Agency: Department of Health and Human Services
Administration for Children & Families

Program: Head Start and/or Early Head Start Grantee - Taylor County, Florida

Description: Through this announcement, the Administration for Children and Families solicits applications from public or private non-profit organizations, including community-based and faith-based organizations, or for-profit organizations that seek to provide a high-quality, comprehensive birth-to-five program incorporating both Head Start and Early Head Start funding, or to provide for Head Start only or Early Head Start only, to children and families residing in Taylor County, Florida. Funds in the amount of \$1,199,592 annually will be available to provide Head Start and/or Early Head Start program services to eligible children and their families. Interested applicants may email the OHS Operations Center at OHSTech@reviewops.org for additional information.

Due Date: 30-Nov-15

Funding: Estimated Total Program Funding: \$1,199,592; Award Ceiling: \$1,199,592; Award Floor: \$1,199,592

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OHS-CH-R04-1037>

Agency: Department of Health and Human Services
Administration for Children & Families

Program: Head Start and/or Early Head Start Grantee - Barrios within the Municipality of Las Piedras, Puerto Rico

Description: Through this announcement, the Administration for Children and Families solicits applications from public or private non-profit organizations, including community-based and faith-based organizations, or for-profit organizations that seek to provide a high-quality, comprehensive birth-to-five program incorporating both Head Start and Early Head Start funding, or to provide for Head Start only or Early Head Start only, to children and families residing in Barrios within the Municipality of Las Piedras, Puerto Rico. Funds in the amount of \$1,110,264 annually will be available to provide Head Start and/or Early Head Start program services to eligible children and their families. Interested applicants may email the OHS Operations Center at OHSTech@reviewops.org for additional information.

Due Date: 30-Nov-15

Funding: Estimated Total Program Funding: \$1,110,264; Award Ceiling: \$1,110,264; Award Floor: \$1,110,264

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OHS-CH-R02-1028>

Agency: Department of Health and Human Services
Administration for Children & Families

Program: Head Start and/or Early Head Start Grantee - Lake County, Florida

Description: Through this announcement, the Administration for Children and Families solicits applications from public or private non-profit organizations, including community-based and faith-based organizations, or for-profit organizations that seek to provide a high-quality, comprehensive birth-to-five program incorporating both Head Start and Early Head Start funding, or to provide for Head Start only or Early Head Start only, to children and families residing in Lake County, Florida. Funds in the amount of \$3,157,272 annually will be available to provide Head Start and/or Early Head Start program services to eligible children and their families. Interested applicants may email the OHS Operations Center at OHSTech@reviewops.org for additional information.

Due Date: 30-Nov-15

Funding: Estimated Total Program Funding: \$3,157,272; Award Ceiling: \$3,157,272; Award Floor: \$500,000

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OHS-CH-R04-1045>

Agency: Department of Health and Human Services
Administration for Children & Families

Program: Head Start and/or Early Head Start Grantee - Gulf, Calhoun, Liberty, Wakulla, and Madison Counties, Florida

Description: Through this announcement, the Administration for Children and Families solicits applications from public or private non-profit organizations, including community-based and faith-based organizations, or for-profit organizations that seek to provide a high-quality, comprehensive birth-to-five program incorporating both Head Start and Early Head Start funding, or to provide for Head Start only or Early Head Start only, to children and families residing in Gulf, Calhoun, Liberty, Wakulla, and Madison Counties, Florida. Funds in the amount of \$3,533,854 annually will be available to provide Head Start and/or Early Head Start program services to eligible children and their families. Interested applicants may email the OHS Operations Center at OHSTech@reviewops.org for additional information.

Due Date: 30-Nov-15

Funding: Estimated Total Program Funding: \$3,533,854; Award Ceiling: \$3,533,854; Award Floor: \$500,000

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OHS-CH-R04-1048>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Administrative Supplements for Complementary Health Practitioner Research Experience (Admin Supp)

Description: AHRQ's Patient Safety (PS) Portfolio is addressing patient safety and medication research by focusing on the safe usage of medications. This perspective centers on how medications move through the health care system and how this systemic process can be improved so that patients are not harmed, while health care delivery is improved. The PS Portfolio encourages the involvement of all members of the health care team, especially patients, and families; nurses, pharmacists, technicians

(pharmacy and medication administration technicians), health care administrators, risk managers, and physicians) across all settings of care (including in the home) as well as the home).

Due Date: 9/1/2018

Funding: Award Ceiling: \$100,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-013.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Examination of Survivorship Care Planning Efficacy and Impact (R21)

Description: The purpose of this announcement is to stimulate developmental research evaluating the effect of care planning on self-management of late effects of cancer therapy; adherence to medications, cancer screening, and health behavior guidelines; utilization of follow-up care; survivors' health and psychosocial outcomes. How organizational-level factors influence the implementation of care planning and its associated costs is also of interest. Specifically, the FOA aims to stimulate research that will: 1) develop and test metrics for evaluating the impact of survivorship care planning; 2) evaluate the impact of survivorship care planning on cancer survivors' morbidity, self-management and adherence to care recommendations, utilization of follow-up care; 3) evaluate effects of planning on systems outcomes, such as associated costs and impact on providers and organizations implementing the care planning; and 4) identify models and processes of care that promote effective survivorship care planning. The ultimate goal of this FOA is to generate a body of science that will inform the development and delivery of interventions that improve follow-up care for cancer survivors.

Due Date: 1/7/2019

Funding: Award Ceiling: \$200,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-011.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Examination of Survivorship Care Planning Efficacy and Impact (R01)

Description: The purpose of this announcement is to stimulate developmental research evaluating the effect of care planning on self-management of late effects of cancer therapy; adherence to medications, cancer screening, and health behavior guidelines; utilization of follow-up care; survivors' health

and psychosocial outcomes. How organizational-level factors influence the implementation of care planning and its associated costs is also of interest. Specifically, the FOA aims to stimulate research that will: 1) develop and test metrics for evaluating the impact of survivorship care planning; 2) evaluate the impact of survivorship care planning on cancer survivors' morbidity, self-management and adherence to care recommendations, utilization of follow-up care; 3) evaluate effects of planning on systems outcomes, such as associated costs and impact on providers and organizations implementing the care planning; and 4) identify models and processes of care that promote effective survivorship care planning. The ultimate goal of this FOA is to generate a body of science that will inform the development and delivery of interventions that improve follow-up care for cancer survivors.

Due Date: 1/7/2019

Funding: See announcement

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-012.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Adaptation/Optimization of Technology (ADOPTech) to Support Social Functioning (R21)

Description: The purpose of this Funding Opportunity Announcement (FOA) is to facilitate the development and testing of new, cutting-edge technologies to enhance functioning in individuals with social impairments. Projects funded under this FOA would create "social prosthetics": scalable technology or devices that would augment performance in this domain.

Due Date: 2/3/2016

Funding: Total Program Funding: \$2,500,000; Award Ceiling: \$200,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-17-150.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: NIDA Research Center of Excellence Grant Program (P50)

Description: This announcement is to provide support for research Centers that (1) conduct drug abuse and addiction research in any area of NIDA's mission, (2) have outstanding innovative science, (3) are multidisciplinary, thematically integrated, synergistic, and (4) serve as national resource(s) to provide educational and outreach activities to drug abuse research

communities, educational organizations, the general public, and policy makers in the NIDA research fields. It is expected that a Center will transform knowledge in the sciences it is studying. Incremental work should not be the focus of Center activities; rather, new and creative directions are required. The P50 Center of Excellence is expected to foster the career development and mentoring of new investigators who would be given meaningful roles to play in the Center projects. A goal of this program is to create NIDA Centers that are national community resources for furthering drug abuse research by sharing their findings, their data, and their resources as appropriate for researchers to use and build upon and to advance research in this field.

Due Date: 1/7/2019

Funding: N/A

Website: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-009.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Pre-clinical Research Based on Existing Repurposing Tools

Description: This announcement will support rigorous, pre-clinical studies that establish the rationale for a clinical trial, where the hypothesis originates from use of a published or publicly available method for identifying new indications for existing drugs or biologics (therapeutics). The goal of an individual project will be to explore the potential new use of an existing investigational, phase 2a-ready, or FDA-approved drug or licensed biologic; a pre-clinical study funded through this initiative will serve as a use case to demonstrate the utility of an independent crowdsourcing effort or of a computational algorithm to predict new uses of a drug or biologic. Applicants must clearly identify the published or publicly available method used to identify a novel therapeutic/indication pair or combination therapy, in addition to describing the pre-clinical studies that will serve as the use case. This use cases must have a scientifically supported rationale where objective, quantifiable effects of the therapy can be measured.

Due Date: 1/13/2016

Funding: Total Program Funding: \$4,300,000; Award Ceiling: \$250,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-TR-16-001.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: B Cell Immunology Program for HIV-1 Vaccine Development (BCIP) (R01)Department of Health and Human Services

Description: The objective of this announcement is to solicit hypothesis-driven, multidisciplinary research to elucidate the complexities and developmental plasticity of B cells associated with the induction of potent, durable, adaptive immune responses against HIV-1.

Due Date: 3/17/2016

Funding: Total Program Funding: \$2,000,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-15-055.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Discovery/Development of Novel Therapeutics for Eukaryotic Pathogens (R21/R33)

Description: The purpose of this FOA is to solicit applications to support early stage translational research focused on the discovery and development of novel therapeutics against select eukaryotic pathogens.

Due Date: 2/10/2016

Funding: Total Program Funding: \$4,500,000

Award Ceiling: \$200,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-15-054.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Promoting Caregiver Health Using Self-Management (R01)Department of Health and Human Services

Description: The purpose of this initiative is to stimulate research in promoting caregiver health using self-management. Caregiving is an important science area since the number of people living longer with chronic conditions is growing. Informal caregivers (lay caregivers) are defined as unpaid individuals (spouses, partners, family members, friends, or neighbors) involved in assisting others with activities of daily living and/or medical tasks. Formal caregivers are paid, delivering care in ones home or care settings (daycare, residential care facility) (Family Caregiver Alliance, 2012). This concept focuses on informal caregivers.

Due Date: 3/3/2016

Funding: Total Program Funding: \$1,400,000; Award Ceiling: \$350,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-16-003.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: NIH Director's Early Independence Awards (DP5)

Description: The NIH Directors Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career.

Due Date: 1/29/2016

Funding: Total Program Funding: \$4,000,000; Award Ceiling: \$250,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-15-006.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Personalized Strategies to Manage Symptoms of Chronic Illness (R15)Department of Health and Human Services

Description: The purpose of this initiative is to encourage interdisciplinary research to decrease symptom burden and enhance health-related quality of life (HRQL) in persons with chronic illness through a) increasing knowledge of the biological mechanisms of symptoms and b) promoting innovative, cost-effective, targeted interventions to prevent, manage or ameliorate these symptoms.

Due Date: 1/7/2019

Funding: Award Ceiling: \$300,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-006.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Personalized Strategies to Manage Symptoms of Chronic Illness (R01)

Description: The purpose of this initiative is to encourage interdisciplinary research to decrease symptom burden and enhance health-related quality of life (HRQL) in persons with chronic illness through a) increasing knowledge of

the biological mechanisms of symptoms and b) promoting innovative, cost-effective, targeted interventions to prevent, manage or ameliorate these symptoms.

Due Date: 1/7/2019

Funding: Award Ceiling: \$300,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-006.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Personalized Strategies to Manage Symptoms of Chronic Illness (R21)

Description: The purpose of this initiative is to encourage interdisciplinary research to decrease symptom burden and enhance health-related quality of life (HRQL) in persons with chronic illness through a) increasing knowledge of the biological mechanisms of symptoms and b) promoting innovative, cost-effective, targeted interventions to prevent, manage or ameliorate these symptoms.

Due Date: 1/7/2019

Funding: Award Ceiling: \$200,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-008.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Collaborative Activities to Promote Metabolomics Research (Admin Supp)

Description: This Administrative Supplement funding opportunity is part of the Common Fund Metabolomics Program created to increase and improve the nations ability to undertake metabolomics analyses in translational and clinical research. Metabolomics has great potential to advance our understanding of human diseases, but requires specialized expertise in metabolomics study design, technology, and data analysis and interpretation. This FOA supports supplemental funds to current NIH-funded research projects for new interactive collaborations between basic or clinical researchers and metabolomics experts to add a metabolomics approach to the existing Research Strategy for the project. In addition to enhancing the parent grant by adding metabolomics analyses, collaborative projects must include activities to increase the expertise of the biomedical research group in key aspects of metabolomics study design, analysis, and data interpretation.

Due Date: 2/15/2016

Funding: Award Ceiling: \$100,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-005.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Research Using Biosamples and Subjects from Type 1 Diabetes Clinical Studies Complications (DP3)

Description: This announcement invites applications for studies on the complications of type 1 diabetes using subjects and/or samples from clinical studies on type 1 diabetes.

Due Date: 3/3/2016

Funding: Total Program Funding: \$5,000,000; Award Ceiling: \$1,000,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-15-019.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Pilot Clinical Trials for the Spectrum of Alzheimers Disease and Age-related Cognitive Decline (R01)

Description: This announcement FOA invites applications that propose to develop and implement Phase I or II clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and in individuals with Alzheimer's disease (AD) across the spectrum from pre-symptomatic to more severe stages of disease, as well as to stimulate studies to enhance trial design and methods.

Due Date: 9/7/2018

Funding: Total Program Funding: \$10,000,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-365.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Phase III Clinical Trials for the Spectrum of Alzheimer's Disease and Age-related Cognitive Decline (R01)

Description: This announcement encourages R01 grant applications that propose to develop and implement Phase III clinical trials of promising pharmacological and non-pharmacological interventions in individuals with

age-related cognitive decline and across the Alzheimer's disease (AD) spectrum from pre-symptomatic to more severe stages of disease.

Due Date: 9/7/2018

Funding: Total Program Funding: \$25,000,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-364.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Diabetes Research Centers (P30)

Description: This announcement invites applications for Diabetes Research Centers, formerly named Diabetes Endocrinology Research Centers (DERCs) and Diabetes Research and Training Centers (DRTCs). Diabetes Research Centers are designed to support and enhance the national research effort in diabetes, its complications, and related endocrine and metabolic diseases. Diabetes Research Centers support three primary research-related activities: Research Core services, a Pilot and Feasibility (P and F) program, and an Enrichment program. All activities pursued by Diabetes Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in Diabetes Research Center topic areas. The NIDDK Diabetes Research Centers program in 2015 consists of 16 Centers each located at outstanding research institutions with documented programs of excellence in diabetes-related research. General information about the NIDDK Diabetes Research Centers program may be found at www.diabetescenters.org.

Due Date: 7/14/2016

Funding: Total Program Funding: \$5,000,000; Award Ceiling: \$1,000,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-15-026.html>

Agency: Department of Health and Human Services
National Institutes of Health

Program: The Role of the Human Virome in Heart, Lung, and Blood Health and Resilience (R61/R33)

Description: The human virome includes viruses that infect host cells, virus-derived elements in our chromosomes, and viruses that infect other types of organisms that inhabit the human body. The virome may influence the host in profound ways independent of classical viral diseases. The purpose of this announcement is to support research to identify and evaluate the basic underlying molecular and physiological mechanisms by

which the virome may influence heart, lung, and blood (HLB) health and resilience.

Due Date: 8/9/2016

Funding: Total Program Funding: \$2,630,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-17-002.html>

Agency: Department of State
Bureau of Democracy, Human Rights and Labor

Program: Protecting the Rights of IDPs in Ukraine

Description: DRL's objective is to strengthen local NGOs working with and advocating for IDPs, especially minorities, disabled persons, and other marginalized and vulnerable groups from Crimea and eastern Ukraine to secure proper access to government services and other forms of support. The program should work with civil society and government institutions to avoid further marginalization of IDPs, especially minority IDPs, and adequately address their specific vulnerabilities during displacement.

Due Date: 8-Dec-15

Funding: Award Ceiling: \$500,000; Floor: \$250,000

Website: <https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=54807>

Agency: Department of State
Bureau of Educational and Cultural Affairs

Program: Official U.S. Presentation at the 57th International Art Exhibition, Venice, Italy, June through November, 2017

Description: The Department of State's Cultural Programs Division in the Bureau of Educational and Cultural Affairs is pleased to announce an open competition for grant proposals from U.S. based non-profit organizations including museums, galleries, visual arts centers and schools to organize the official U.S. presentation at the 57th International Art Exhibition to be held in Venice, Italy, June through November, 2017. Pending the availability of funds, the U.S. Department of State will award up to \$250,000 to the Grantee for all aspects of exhibition development, preparation, production and installation; the travel of curators and key participants; public outreach and educational events; and the return or onward shipping of the exhibition at the Biennale's end. The Peggy Guggenheim Collection in Venice will provide the staffing, maintenance,

and operations of the U.S. Pavilion during installation, and for the approximate six-month period of the exhibition.

Due Date: 16-Dec-15

Funding: Total Funding and Award Ceiling and Floor: \$250,000

Website:

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=54980>

Agency: Department of State
International Narcotics and Law Enforcement Affair

Program: DNA Forensic Technology Development

Description: The project will aid development of forensic sciences in Central America, particularly DNA forensic technology for a project period not to exceed one year. These programs will provide funding to increase citizen security through development of stronger forensic programs for law enforcement in Central America, develop standard operating procedures (SOPs) to increase collection of forensic evidence at crime scenes, capacity building of laboratories, forensic scientists, and crime scene investigators, and to improve courtroom use of forensic evidence. The projects will benefit multiple countries in Central America.

Due Date: 4-Dec-15

Funding: Award Ceiling: \$2,000,000; Floor: \$500,000

Website:

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=54944>

Agency: Department of the Interior
Fish and Wildlife Service

Program: Rhinoceros and Tiger Conservation Fund

Description: The Rhinoceros and Tiger Conservation Fund is soliciting proposals for the conservation of rhinoceroses and/or tigers throughout their ranges. The Rhinoceros and Tiger Conservation Act was passed in 1994 to provide financial resources for conservation of rhinoceros and tiger populations. The Rhinoceros and Tiger Conservation Fund supports projects that promote conservation through: Enhanced protection of at-risk rhinoceros and tiger populations; Protected area/reserve management in important rhinoceros and tiger range; Veterinary care for wild populations; Habitat conservation and management; Reintroduction to former range;

Restoration of habitat; Wildlife inspection, law enforcement, and forensics skills; Conservation education and community outreach; Efforts to decrease human-rhinoceros and human-tiger conflicts; Strengthening local capacity to implement conservation programs; Transfrontier rhinoceros and tiger conservation; Applied research on rhinoceros and tiger populations and their habitats, including surveys and monitoring; Funding decisions will also take in the degree of endangerment of the taxon, with more funding directed to more imperiled subspecies.

Due Date: 12/7/2015

Funding: Total Program Funding: \$2,340,000; Award Ceiling: \$80,000; Award Floor: \$30,000

Website: <http://www.fws.gov/international/grants-and-reporting/how-to-apply.html>

Agency: Department of the Interior
Fish and Wildlife Service

Program: Great Ape Conservation Fund

Description: The Great Ape Conservation Fund is soliciting project proposals for the conservation of apes [gorillas (*Gorilla gorilla*); chimpanzees (*Pan troglodytes*); bonobos (*Pan paniscus*); orangutans (*Pongo spp.*); and gibbons (family *Hylobatidae*)] throughout their ranges. The U.S. Government enacted the Great Ape Conservation Act of 2000 in response to the decline of ape populations in Africa and Asia. The Act provides for the conservation and protection of apes by supporting conservation programs of countries within the range of apes, and the projects of persons with demonstrated expertise in the conservation of apes.

Due Date: 12/3/2015

Funding: Total Program Funding: \$2,000,000; Award Ceiling: \$170,000; Award Floor: \$15,000

Website: <http://www.fws.gov/international/grants-and-reporting/how-to-apply.html>

Agency: NASA
NASA Headquarters

Program: D.2 Leading Edge Aeronautics Research for NASA Project (LEARN3)

Description: Amendment 9 to the NASA ARMD Research Opportunities in Aeronautics (ROA) 2015 NRA has been posted on the NSPIRES site. This release includes a topic in Appendix D.2 in support of the Leading Edge Aeronautics Research for NASA (LEARN) Project. This amendment seeks proposals for innovative, multi-disciplinary, multi-institutional, team-

--based proposals of aeronautical concepts for distributed airport infrastructures and complementary air vehicles to provide efficient, safe, secure, sustainable and improved people mobility while utilizing existing small and medium airport locations in the USA.

Due Date: 12/8/2015

Funding: N/A

Website:

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solld={11703C5E-6355-BCAF-FFB8-E117299C8B42}&path=open>

Agency: NASA
NASA Headquarters

Program: B.2 Airspace Technology Demonstration (ATD) Project

Description: Amendment 8 to the NASA ARMD Research Opportunities in Aeronautics (ROA) 2015 NRA has been posted on the NSPIRES site. This release includes the following 4 subtopics in Appendix B.2 for Airspace Technology Demonstration (ATD) Project (2.1) Feasibility study to identify implementable retrofit avionics systems supporting multiple ADS-B In applications with an emphasis on data interfaces; (2.2) Technologies for Indicating System Status and Dependencies during Complex Non-Normal Situations; (2.3) Assessment of the benefits and costs Integrating Arrival, Departure and Surface Operations with ATD-2; (2.4) Analysis of common route for multiple flights during severe weather events.

Due Date: 11/23/2015

Funding: N/A

Website:

<https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solld={11703C5E-6355-BCAF-FFB8-E117299C8B42}&path=open>

Agency: National Endowment for the Humanities

Program: Scholarly Editions and Translations Grants

Description: Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts of value to the humanities that are currently inaccessible or available in inadequate editions. Typically, the texts and documents are significant literary, philosophical, and historical materials; but other types of work, such as musical notation, are also eligible. Projects must be undertaken by at least one editor or

translator and one other collaborating scholar. These grants support full-time or part-time activities for periods of one to three years. Applicants should demonstrate familiarity with the best practices recommended by the Association for Documentary Editing or the Modern Language Association Committee on Scholarly Editions. Translation projects should also explain the theory and method adopted for the particular work to be translated. Editions and translations produced with NEH support contain scholarly and critical apparatus appropriate to the subject matter and format of the edition. This usually means introductions and annotations that provide essential information about a text's form, transmission, and historical and intellectual context. Proposals for editions of foreign language materials in the original language are eligible for funding, as well as proposals for editions of translated materials.

Due Date: 12/9/2015

Funding: Award Ceiling: \$300,000

Website: <http://www.neh.gov/grants/research/scholarly-editions-and-translations-grants>

Agency: National Endowment for the Humanities

Program: Collaborative Research Grants

Description: Collaborative Research Grants support interpretive humanities research undertaken by two or more collaborating scholars, for full-time or part-time activities for periods of one to three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. All grantees are expected to disseminate the results of their work to the appropriate scholarly and public audiences. Eligible projects include • research that significantly adds to knowledge and understanding of the humanities; • conferences on topics of major importance in the humanities that will benefit scholarly research; and • archaeological projects that include the interpretation and dissemination of results.

Due Date: 12/9/2015

Funding: Award Ceiling: \$300,000

Website: <http://www.neh.gov/grants/research/collaborative-research-grants>

Agency: National Science Foundation

Program: Metals and Metallic Nanostructures

Description: The Metals and Metallic Nanostructures (MMN) Program supports fundamental research and education on the relationships between processing, structure and properties of metals and their alloys. The program focuses on experimental research while strongly encouraging the synergistic use of theory and computational materials science. Structure spanning atomic, nanometer, micrometer and larger length scales controls properties and connects these with processing. The program emphasizes the role of structure across all these length scales, including structural imperfections such as vacancies, solutes, dislocations, boundaries and interfaces. Research should advance fundamental materials science that will enable the design and synthesis of metallic materials to optimize superior behaviors and enable the prediction of properties and performance. The program aims to advance the materials science of metals and alloys through transformative research on a diverse array of topics, including, but not limited to, phase transformations; equilibrium, non-equilibrium and far-from equilibrium structures; thermodynamics; kinetics; diffusion; interfaces; oxidation; performance in extreme environments; recyclability; magnetic behavior; thermal transport; plastic flow; and similar phenomena.

Due Date: November 2, 2015

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5351

Agency: National Science Foundation

Program: Polymers

Description: The DMR Polymers Program supports fundamental research and education on polymeric materials and polymer science. The program portfolio is mainly experimental and highly diverse with components of materials science, chemistry, physics, and other related disciplines. While interdisciplinarity is stressed, central goals include advancing the foundations of polymer science through innovative research and education and pushing back the wide horizon of the field. Polymers are studied from the molecular level through the nano-to-macro continuum using fundamental materials-focused scientific approaches. Such approaches are experimental but may also closely integrate theoretical, computational, or cyber aspects. Broad areas addressed include synthesis, molecular and self-assembly, characterization, phase behavior, structure, morphology, and properties. Particular focus is on transformative

approaches to innovative materials with superior properties, on advancing polymer fundamentals and optimizing structure-property relationships, as well as on basic research addressing major societal challenges. High-quality proposals that integrate research, education, and other broader impacts are invited.

Due Date: November 2, 2015

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5357

Agency: National Science Foundation

Program: Ceramics

Description: This program supports fundamental scientific research in ceramics (e.g., oxides, carbides, nitrides and borides), glass-ceramics, inorganic glasses, ceramic-based composites and inorganic carbon-based materials. Projects should be centered on experiments; inclusion of computational and theory components are encouraged. The objective of the program is to increase fundamental understanding and to develop predictive capabilities for relating synthesis, processing, and microstructure of these materials to their properties and ultimate performance in various environments and applications. Research to enhance or enable the discovery or creation of new ceramic materials is welcome. Development of new experimental techniques or novel approaches to carry out projects is encouraged. Topics supported include basic processes and mechanisms associated with nucleation and growth of thin films; bulk crystal growth; phase transformations and equilibria; morphology; surface modification; corrosion, interfaces and grain boundary structure; and defects. PIs uncertain about whether or not their project is suitable for submission to the Ceramics Program may submit a draft of their NSF Project Summary by e-mail to the Program Director for comment.

Due Date: November 2, 2015

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5352

Agency: National Science Foundation

Program: Biomaterials

Description: The Biomaterials program supports fundamental materials research related to (1) biological materials, (2) biomimetic, bioinspired, and bioenabled materials, (3) synthetic materials intended for applications in contact with biological systems, and (4) the processes through which nature produces biological materials. Projects are typically interdisciplinary and may encompass scales from the nanoscopic to the bulk. They may involve characterization, design, preparation, and modification; studies of structure-property relationships and interfacial behavior; and combinations of experiment, theory, and/or simulation. The emphasis is on novel materials design and development and discovery of new phenomena.

Due Date: November 2, 2015

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13699

Agency: National Science Foundation

Program: Condensed Matter Physics

Description: The Condensed Matter Physics program supports experimental, as well as combined experiment and theory projects investigating the fundamental physics behind phenomena exhibited by condensed matter systems. Representative research areas in such systems include: 1) phenomena at the nano- to macro-scale including: transport, magnetic, and optical phenomena; classical and quantum phase transitions; localization; electronic, magnetic, and lattice structure or excitations; superconductivity; and nonlinear dynamics. 2) low-temperature physics: quantum fluids and solids; 1D & 2D electron systems. 3) soft condensed matter: partially ordered fluids, granular and colloid physics, and 4) understanding the fundamental physics of new states of matter as well as the physical behavior of condensed matter under extreme conditions e.g., low temperatures, high pressures, and high magnetic fields.

Due Date: November 2, 2015

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5666

Agency: National Science Foundation

Program: Electronic and Photonic Materials

Description: The Electronic and Photonic Materials (EPM) program seeks to advance the field of electronics and photonics through basic, potentially transformative materials science research. The scope of the program encompasses the discovery and understanding of materials and material integration with potential for major technological innovations. The program covers identification and understanding of phenomena and fundamental mechanisms associated with synthesis and processing of electronic and photonic materials at atomic and molecular levels. The primary focus of the program is on novel materials and their integration that may offer new paradigms in critical computing, communication and sensing components, or enable advanced optoelectronics and photonics. Research on materials with reduced dimensionalities and metamaterials is welcome. Development of new experimental techniques or novel approaches to explore electronic and photonic materials is also encouraged.

Due Date: See announcement

Funding: See announcement

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5353