

THE STATE UNIVERSITY SYSTEM OF FLORIDA

## WASHINGTON E-UPDATE

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**October 2014**

### ***Budget and Appropriations Update -- Congress passes 10-week appropriations measure to start the new fiscal year***

After delaying for a week, Congress finally cleared a Fiscal 2015 Continuing Resolution (H. J. Res. 124) September 18 to fund Federal agencies for 10 weeks until December 11 while Members return to their districts to campaign for the fall elections.

The appropriations measure funds agencies at Fiscal 2014 levels minus a slight, 0.0554 percent, across-the-board cut made necessary by additions to the bill to cover work to combat the Ebola virus in Africa and programs dealing with the influx of unaccompanied minor children at the border.

The legislation was devoid of controversial policy riders like the ones that led to last year's 16-day government shutdown. Passage of the measure was complicated, however, by an eleventh-hour request from the Administration to include authorization to train and equip moderate rebels fighting in Syria against the ISIL Islamic State forces. The last-minute nature of the request was attributed to the fact that Saudi Arabia had decided only recently to allow use of its country for training the rebels.

Tea party conservatives objected to the fact that the CR extended the charter of the Export-Import Bank, and that the bill would only run until the near the end of the "lame duck" Congressional session. They pushed for a March 1, 2015 expiration date that would allow the next Congress to decide on FY 2015 appropriations. However, a coalition of Republican leadership, appropriators and other moderates, joined with Democrats to support the original bill's passage.

Appropriations leaders hope to use the period immediately following the November elections to craft an Omnibus appropriations bill wrapping up all 12 spending measures as was accomplished last year. If the election results in control of the Senate switching to Republicans, however, there will be mounting pressure to extend the CR until the next Congress so that Republicans in both chambers can put their imprint on the final FY 15 bill.

To read the text of the FY15 Continuing Resolution click [here](#). To read the amendment regarding training and equipping ISIL opposition click [here](#).

Below is a table on several of the provisions in the bill:

<b>Export-Import Bank</b>	The authorization for Export-Import Bank operating authority is extended until June 30, 2015.
<b>Unaccompanied Minors</b>	The Administration requested apportionment flexibility so that DOJ, DHS, and HHS' Office of Refugee Resettlement may address the rise in unaccompanied children at the southwest border and resulting staffing issues through the duration of the CR. The CR provides anomalies that include this authority for DHS and HHS, but not for DOJ.
<b>Ebola</b>	The CR includes \$30 million for CDC and \$58 million for the Biomedical Advanced Research and Development Authority (within HHS) to respond to the Ebola outbreak.
<b>Afghanistan and Iraq</b>	The CR provides \$50 million to clear unexploded, subsurface ordnance in Afghanistan. The CR extends authorities to support the Office of Security Cooperation in Iraq; and to provide for assistance in combatting terrorism. The CR continues the FY2014 spending rate for Overseas Contingency Operations (OCO).
<b>Weather satellites</b>	The CR includes flexible apportionment to maintain the planned launch schedule for NOAA's Joint Polar Satellite System and the Geostationary Operational Environmental Satellite system.
<b>User fees</b>	The CR allows FDA to collect and spend fees authorized under the Drug Quality and Safety Act on facilities that compound human drugs; and extends authority for recreation fee programs, including National Park Service annual passes.
<b>District of Columbia</b>	The CR allows the District of Columbia to spend its local funds in accordance with the budget request through the duration of the CR.
<b>Internet Tax Freedom</b>	The Internet Tax Freedom Act, barring taxes on internet access, bandwidth, and email, is extended through the duration of the CR.
<b>Chemical security</b>	The CR extends operating authority to regulate security at high-risk chemical facilities.
<b>Temporary Assistance for Needy Families</b>	The CR extends authority for TANF, including the Contingency Fund at a slightly reduced baseline level.

<b>(TANF)</b>	
<b>Military construction</b>	Appropriations on military construction are reduced by \$3.25 billion from the FY2014 enacted level to the lower FY2015 request level.
<b>Veterans</b>	The CR increases funding for the VA disability claims backlog to the President's FY2015 budget request level, increases funding for the Office of Inspector General to investigate complaints about medical care, and increases funding for the Office of Special Counsel to pursue whistleblowing and retaliation complaints from VA employees.
<b>Ukraine</b>	The CR includes a provision providing flexibility within accounts to ensure the Department of State and USAID can respond to events in Ukraine.
<b>War risk aviation insurance</b>	The CR extends war and terror risk aviation insurance authority. While major commercial airlines are insured through the private market, some smaller airlines and cargo carriers use this federal program.
<b>Environmental Cleanup</b>	The CR provides flexible apportionment to maintain existing employment levels at Department of Energy cleanup sites.
<b>Commodity Supplemental Food Program (CSFP)</b>	The CR increases funding for the Commodity Supplemental Food Program (CSFP) to the President's FY2015 budget request level.
<b>Small business loans</b>	The CR increases the loan limit for the Small Business Administration 7(a) loan program to accommodate recent increases in loan demand.

## **Sen. Nelson joins in introducing new America COMPETES bill**

Senator Bill Nelson (D-FL) has joined with five other Senators to introduce the America COMPETES Reauthorization Act of 2014.

The America COMPETES Reauthorization Act of 2014, S. 2757, builds on the goals of the America COMPETES Act of 2007 and its reauthorization in 2010. The legislation would authorize sustained increases in federal research and development funding for the National Science Foundation and the National Institute of Standards and Technology. The bill would also promote the economic benefits of promising R&D and address agency efforts, including at NASA and the National Oceanic and Atmospheric

Administration, to increase participation in STEM fields, including among women and minorities.

Recognizing the need for long-term investments in science and technology, Congress passed the first America COMPETES Act in 2007 and reauthorized it in 2010. The Acts aimed to significantly increase investments in key federal research and development (R&D) activities; to advance science, technology, engineering, and mathematics (STEM) education; and to support the innovation necessary for economic growth. In 2013, more than 70 organizations representing business, higher education, and scientific communities signed onto “Guiding Principles” to inform a COMPETES reauthorization and reiterated the importance of basic research investments as a top national priority.

“I look forward to seeing what discoveries our federal science agencies in conjunction with our colleges and universities produce,” Nelson said in announcing the new measure.

In the proposed bill, NSF and NIST would receive an average annual increase of 6.7 percent, greater than the 4.9 percent level proposed in the House version, called the FIRST Act. Also unlike the House bill, the Senate measure does not prescribe funding levels for each NSF directorate, leaving that to NSF leaders as is current practice. The bill also does not propose changes to the NSF peer review system as proposed by the House.

The Coalition for National Science Funding issued a statement supporting the bill and said the member groups were “especially pleased with the proposed five-year budget growth for the National Science Foundation.” For text of the legislation, click [here](#).

## **Federal government issues research center grant solicitation under RESTORE Act; Florida Institute of Oceanography is designated entity for Florida**

The Treasury Department has released a grant solicitation notice under the RESTORE Act to fund five Centers of Excellence Research Grants programs.

The action is based on rulemaking by the agency August 14 to effect the law’s provisions. The SUS organization -- the Florida Institute of Oceanography -- is one of the five designated eligible entities for the center program. Eligibility was specified in the enacted legislation. Applications will be accepted on a rolling basis until March 31, 2015 and the actual amount of funding is dependent on the amount available in the trust fund.

Under the terms of the legislation, multiple trust funds were created to accept eighty percent of civil penalties paid under the Federal Water Pollution Control Act in connection with the Deepwater Horizon oil spill in the Gulf. One of the trust funds is being used to fund ongoing research in the Gulf Coast region.

Research can be conducted in a number of areas including:

- coastal and deltaic sustainability
- coastal fisheries,
- wildlife ecosystem research and monitoring
- offshore energy development,
- sustainable and resilient growth, economic and commercial development, and
- comprehensive observation, monitoring and mapping of the Gulf of Mexico.

For more information click [here](#) and [here](#).

## **Senate HELP Committee approves House bill on education research**

A new House-passed bill to reauthorize the Education Sciences Reform Act of 2002 was approved by the Senate Health, Education, Labor and Pensions (HELP) Committee September 17.

The Strengthening Education through Research Act (H.R. 4366) covers research efforts by the Institute of Education Sciences to gather information on educational progress and practices and evaluate the quality of federal education programs. The information disseminated by IES helps states and school districts identify and implement successful education practices.

The legislation would:

- Enhance the relevancy of education research at the state and local levels, helping teachers, students, parents, and policymakers access more useful information about successful education practices.
- Streamline the federal education research system, preventing overlap, redundancy, and duplication of research efforts.
- Improve accountability by requiring regular evaluations of research and education programs.
- Strengthen privacy provisions to ensure personally identifiable information collected by IES is secure and protected.
- Maintain the autonomy of IES, the National Assessment Governing Board, and the National Assessment of Educational Progress (also known as the Nation's Report Card) to shield these entities from political influence and bias.

The bill would provide program authorization for five years with modest funding levels through 2020. To read a background paper on the bill and IES, [click here](#).

## **New Presidential Executive Orders for veterans involve mental health programs and higher education**

The President announced 19 new Executive Orders August 26 covering programs for veterans and military servicemembers, including several affecting higher education or mental health related efforts. To read a summary of the measures click [here](#).

One Executive Order involved the Department of Education directing its federal student loan servicers to match their student borrower portfolios against DoD's database. They were asked to identify active-duty service members who are eligible to cap interest rates on student loans – including federal student loans -- at 6 percent and to reduce those interest rates automatically for those eligible without the need for additional paperwork. The Department released additional guidance to encourage Federal Education Loan program servicers to provide for a similar streamlined process.

The President also directed the VA to launch an updated version of the [GI Bill® Comparison Tool](#) and announced that nearly 6,000 educational institutions are now meeting the goals set out in the “Principles of Excellence” Executive Order. The Comparison Tool allows veteran students the ability to calculate GI Bill® benefits and provides key information about college affordability. Since its launch in February 2014, there have been over 350,000 unique visitors to the tool.

## **House Democrats write their own version of appropriations bill**

Frustrated by not having had a subcommittee markup of a Fiscal 2015 Labor-HHS-Education appropriations bill in more than two years, House Democrats on the subcommittee issued their own version of the bill September 15 for introduction in the House.

Subcommittee Ranking Member Rosa DeLauro said that inattention by the majority Republicans on the subcommittee had left programs “languishing in neglect.” The bill, largely a political document, was a statement of Democratic priorities that DeLauro said would be helpful when conferencing the Fiscal 2015 Omnibus appropriations bill.

For higher education, the bill would fund the Administration's request to boost the maximum Pell Grant by \$100 a year to \$5,830. It also would agree to the Administration request for \$75 million for programs at minority-serving institutions while increasing support for TRIO and GEAR UP programs. The measure would fund the National Institutes of Health at \$30.6 billion and the Centers for Disease Control at \$7.1 billion.

## **Default rate declines on student loans**

A new study by the Department of Education has found that the 3-year default rate on federal student loans has decreased from 14.7 percent to 13.7 percent. In fact, all three

categories of post secondary education – public, non-profit, and for-profit – saw reductions in their default rates as individual groups.

Efforts to date that are believed to be at the root of the drop include provisions stopping federal aid to schools with default rates over 30 percent and programs to allow some graduates to pay their student loans based on their income. This year, 21 schools, largely comprised of cosmetology schools, are at risk of losing federal student aid for high default rates.

Arne Duncan, Secretary of Education, touted the reduction while arguing that the numbers are still too high saying:

“While it’s good news that the default rate decreased from last year, the number of students who default on their federal student loans is still too high, and we remain committed to working with postsecondary education institutions and borrowers to ensure that student debt is manageable. The Department will continue our efforts to help borrowers by providing more flexible repayment options and better counseling and information. We will also continue working with institutions to ensure they are providing their students with the information and guidance the students need to repay their loans after they graduate.”

The Department of Education is taking steps to further decrease the default rate by providing incentives for schools to better counsel students in financial aid and by working with student loan servicers to offer additional resources online. In June, the President directed the Department to cap student loan repayments to 10 percent of the borrower’s salary to further reduce the financial burden of federal student loans. To access the study and Department of Education information on it, click [here](#).

## **NIH conference on small business innovation grants set for New Mexico**

The [16th Annual NIH SBIR/STTR Conference](#) will take place Oct. 21 – 23 at the University of New Mexico Health Science Center in Albuquerque. The conference is designed to help small businesses in the life sciences sector learn more about the \$700 million in available funding each year through the NIH Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Since many of our universities are involved in incubator sites for spin off businesses I thought you may have folks who might benefit from this conference.

About 50 NIH officials will attend and over 500 attendees are expected.

The meeting objectives for participants:

- Understand NIH SBIR/STTR programs and funding opportunities
- Learn about the NIH application, review and award process
- Take advantage of one-on-one and networking opportunities

- Learn about other agencies' SBIR/STTR programs
- Discuss with the National Institutes of Health, Centers for Disease Control and Prevention (CDC) and the Food and Drug Administration (FDA) opportunities for small businesses to pursue research opportunities that have the potential to turn into products and services that could improve the health of Americans.

## **Cybersecurity and medical devices to be covered in FDA-DHS workshop**

A two-day workshop on cybersecurity related to medical devices will be held in the Washington area and webcast to the nation later this month.

“Collaborative Approaches for Medical Device and Healthcare Cybersecurity” is being sponsored jointly by the Food and Drug Administration and the Department of Homeland Security October 21-22. The meeting will be held at the National Intellectual Property Rights Coordination Center in Arlington, VA.

According to the announcement, the workshop “will bring together all stakeholders in the healthcare and public health (HPH) Sector including but not limited to medical device manufacturers, healthcare facilities and personnel (e.g. healthcare providers, biomedical engineers, IT system administrators), professional and trade organizations (including medical device cybersecurity consortia), insurance providers, cybersecurity researchers, local, State and Federal Governments, and information security firms in order to identify HPH cybersecurity challenges and ways the Sector can work together to address these challenges.”

The FDA also has published a Notice seeking comment on the topic and the deadline for submitting answers to the questions asked in the Federal Register Notice (<https://federalregister.gov/a/2014-22515>) is October 7. General comments may also be submitted up until one month following the workshop. To register or learn more information click [here](#).

## **Highlights of competitive grant opportunities at federal agencies**

**Agency:** Department of the Treasury  
U.S. Dept. of Treasury RESTORE Act Program

**Program:** RESTORE Act Centers of Excellence Research Grants Program

**Description:** The RESTORE Act created five components through which funds will be disbursed. Treasury is publishing multiple funding opportunity notices as part of the RESTORE Act. This announcement applies only to the Centers of Excellence Research Grants Program. Trust Fund amounts are available to establish one or more Centers of Excellence through competitive subawards to nongovernmental entities, including institutions



of higher education. Funds may be used by those Centers of Excellence to conduct research only on the Gulf Coast region in one or more of the following disciplines: 1. Coastal and deltaic sustainability, restoration and protection, including solutions and technology that allow citizens to live in a safe and sustainable manner in a coastal delta in the Gulf Coast Region; 2. Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region; 3. Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf of Mexico; 4. Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region; and 5. Comprehensive observation, monitoring, and mapping of the Gulf of Mexico.

**Due Date:** March 31, 2015

**Funding:** Award Ceiling: \$4,023,608

**Website:** <https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=49997>

**Agency:** Department of Commerce  
Center for Sponsored Coastal Ocean Research

**Program:** Fiscal Year 2015 National Competitive HAB Programs

**Description:** The purpose to advise the public that NOAA is soliciting proposals for the Ecology and Oceanography of Harmful Algal Blooms Program, the Monitoring and Event Response for Harmful Algal Blooms Program and the Prevention, Control and Mitigation of Harmful Algal Blooms Program.

**Due Date:** December 15, 2014

**Funding:** Estimated Total Program Funding: \$2,000,000; Award Ceiling: \$600,000

**Website:** <http://coastalscience.noaa.gov/about/centers/cscor>

**Agency:** Department of Commerce  
U.S. Economic Development Administration

**Program:** FY 2014 Regional InNovation Grants

**Description:** EDA is committed to helping foster connected, inNovation-centric economic sectors which support commercialization and entrepreneurship as described in the America COMPETES Reauthorization Act of 2010. Working with regions across the country to develop regional inNovation strategies, including regional inNovation clusters, is also a Strategic Goal of the DOC's FY 2014-2018 Strategic Plan and a keystone of the

Secretary's commitment to building globally competitive regions. As part of this strategy, funding is available for capacity-building activities that include Proof of Concept Centers and Commercialization Centers as well as scaling of existing commercialization programs and centers; feasibility studies for the creation and expansion of facilities such as science and research parks; and supporting opportunities to close the funding gap for early-stage companies. To that end, EDA's existing and highly successful i6 Challenge is being joined by additional grant opportunities to create the Regional InNOvation Strategies Program. Under this program, EDA is soliciting applications for three separate competitions: 1. 2014 i6 Challenge; 2. Science and Research Park Development Grants; and 3. Cluster Grants for Seed Capital Funds. Applicants may, but are not required to, submit proposals for more than one competition under the RIS Program.

**Due Date:** November 3, 2014

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

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

**Agency:** Department of Defense  
Air Force Office of Scientific Research

**Program:** DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM (DURIP) FISCAL YEAR 2015

**Description:** The Department of Defense announces the Fiscal Year 2015 Defense University Research Instrumentation Program (DURIP), a part of the University Research Initiative (URI). DURIP is designed to improve the capabilities of U.S. 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.

**Due Date:** November 17, 2014

**Funding:** Total Funding: \$46,000,000; Award Ceiling: \$1,500,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=265590>

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

**Program:** Peer Reviewed Alzheimer's Convergence Science Research Award

**Description:** The intent of the FY14 CSRA is to support efforts to generate research resources and tools, or novel research efforts for professionals and practitioners in health sciences related to the PRARP's mission.

**Due Date:** January 14, 2015

**Funding:** \$2,600,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=264759>

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

**Program:** DoD Breast Cancer Breakthrough Award Levels 1 and 2

**Description:** The intent of the Breakthrough Award is to support promising research that has high potential to lead to or make breakthroughs in breast cancer. The critical components of this award mechanism are: Impact: Research supported by the Breakthrough Award will have the potential for a major impact and accelerate progress toward ending breast cancer. The impact may be near-term or long-term, but must be significant and move beyond an incremental advancement. Applications must articulate the pathway to making a clinical impact for individuals with, or at risk for, breast cancer, even if clinical impact is not an immediate outcome.

**Due Date:** December 17, 2014

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

**Website:** <http://www.grants.gov/web/grants/search-grants.html>

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

**Program:** DoD Autism Clinical Trial Award

**Description:** The ARP Clinical Trial Award supports research with the potential to have a major impact on the treatment or management of ASD. Funding from this award mechanism must support a clinical trial and may not be used for preclinical research studies.

**Due Date:** October 7, 2014

**Funding:** \$3,200,000

**Website:** <http://www.grants.gov/web/grants/search-grants.html>

**Agency:** Department of Defense  
Office of Naval Research

**Program:** Fiscal Year (FY) 2015 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:** February 23, 2015

**Funding:** \$145,000,000

**Website:** <http://www.grants.gov/web/grants/search-grants.html>

**Agency:** Department of Health and Human Services  
Agency for Health Care Research and Quality

**Program:** AHRQ Mentored Career Enhancement Award in Patient Centered Outcomes Research (PCOR) for Mid-Career and Senior Investigators (K18)

**Description:** This announcement addresses the Affordable Care Acts provision authorizing AHRQ to support the training of researchers in comparative clinical effectiveness research. AHRQ encourages submission of applications from minority serving institutions.

**Due Date:** December 18, 2014

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-115.html>

**Agency:** Department of Health and Human Services  
Health Resources & Services Administration

**Program:** Healthy Tomorrows Partnership for Children Program (HTPCP)

**Description:** This announcement solicits applications for the Healthy Tomorrows Partnership for Children Program (HTPCP). The goal of this program is to promote access to health care for children, youth and their families nationwide, and employ preventive health strategies through innovative community driven programs. This program supports HRSA's goals to improve access to quality health care and services, to build healthy communities, and to improve health equity. HTPCP funding supports direct service projects, not research projects. HTPCP applications must represent either a new initiative (i.e., project that was not previously in existence) within the community or an innovative new component that builds upon an existing community-based program or initiative.

**Due Date:** October 14, 2014

**Funding:** \$400,000.00

**Website:**

<https://grants3.hrsa.gov/2010/Web2External/Interface/FundingCycle/ExternalView.aspx?fCycleID=23269ad7-2b8d-479b-bf73-678e493124e2&txtAction=View+Details&submitAction=Go&ViewMode=EU>

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

**Program:** Macroeconomic Aspects of Population Aging (R01)

**Description:** This announcement invites research on the macroeconomics of aging - the impact of population aging on the macroeconomy and in turn how macroeconomic factors impact health and well-being.

**Due Date:** October 4, 2014

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-186.html>

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

**Program:** Longitudinal Assessment of Post-traumatic Syndromes (U01)

**Description:** This announcement encourages cooperative research project grant applications for a multi-site, longitudinal research platform to 1) characterize post-traumatic trajectories based on dimensions of observable behavior, neurobiological changes, and other measures that may serve as Markers of risk (e.g., neural network functional connectivity, cognitive functioning, emotion regulation, biomarkers of immune response) among adult trauma patients initially seen in emergency rooms and other acute trauma settings, 2) examine processes or mechanisms whereby post-trauma mental illness develops and is maintained, 3) develop algorithms to be used in the acute post-trauma time period to predict different trajectories, and 4) develop/refine measures of promising targets for future prevention and early treatment studies.

**Due Date:** October 6, 2014

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

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-110.html>

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

**Program:** Training Modules to Enhance Data Reproducibility (R25)

**Description:** The NIH Research Education Program supports research education activities in the mission areas of the NIH. The over-arching goal of this NIH program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs and foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on developing courses for skills development, specifically, training modules for graduate students, postdoctoral fellows, and beginning investigators designed to enhance data reproducibility.

**Due Date:** October 20, 2014

**Funding:** See announcement

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

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

**Program:** Senator Paul D. Wellstone Muscular Dystrophy Cooperative Research Centers (U54)

**Description:** The purpose of this announcement is to publicize a competition for Senator Paul D. Wellstone Muscular Dystrophy Cooperative Research Centers+D9. These Centers promote collaborative basic, translational and clinical research and provide important resources that can be used by the national muscular dystrophy research communities. The centers also provide an outstanding environment for the training of new scientists electing to pursue careers conducting research in high priority areas of muscular dystrophy. Center investigators are expected to participate in important community outreach efforts to increase awareness and convey the importance and implications of their research activities to the patient and advocacy communities.

**Due Date:** October 28, 2014

**Funding:** Total Funding: \$45,000,000; Award Ceiling: \$1,000,000

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-15-002.html>

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

**Program:** Comprehensive Alcohol Research Centers (P60)

**Description:** This announcement invites applications for Comprehensive Alcohol Research Centers using the P60 mechanism that must include an information dissemination core to initiate and expand community education, related to the overall goal of the center. The overall purpose of the NIAAA Alcohol Research Center program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institute's mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Centers also are regional or national resources that contribute to the development of new research methods, technologies and approaches that sustain innovative goal-directed research.

**Due Date:** November 3, 2014

**Funding:** Total Funding:\$7,400,000; Award Ceiling: \$2,000,000

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-15-002.html>

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

**Program:** Pediatric Preclinical Testing Consortium: Coordinating Center (U01)

**Description:** This announcement is a part of the Pediatric Preclinical Testing Consortium (PPTC) initiative. The PPTC will consist of in vivo and in vitro testing Research Programs and the PPTC Coordinating Center. The PPTC is designed to address key challenges associated with the development of new therapies for children with cancer by developing reliable preclinical testing data for pediatric drug candidates that can be used to inform new agent prioritization decisions. Effective prioritization is critical because of the large universe of drugs being developed for adult cancers, a number so large that no more than a small number can be studied in pediatric clinical trials. Identifying through preclinical testing those investigational agents most likely to have clinical activity for selected childhood cancers accelerates the pace at which treatments that are more effective than the current ones can be identified and incorporated into standard practice for children with cancer. The PPTC Research Programs, responsible for conducting the in vivo and in vitro testing of selected agents, will be focused on specific tumor types that are particularly relevant to pediatric oncology. The PPTC Coordinating Center will be responsible for integrating the activities of the individual PPTC Research

Programs to create a functional consortium for pediatric preclinical testing. Specifically, the PPTP-Coordinating Center will provide administrative coordination and infrastructure, data management and statistical support, as well as Consortium scientific coordination.

**Due Date:** November 13, 2014

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-019.html>

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

**Program:** Extracellular Vesicles in HIV/AIDS and Substance Abuse (R01)

**Description:** The purpose of this program is to encourage research projects that investigate extracellular vesicles in HIV infection/progression or as potential HIV/AIDS bioMarkers or therapeutics. Proposed projects must also explore the potential impact of exposure to substances of abuse.

**Due Date:** November 15, 2014

**Funding:** See announcement

**Website:** <http://www.grants.gov/web/grants/search-grants.html>

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

**Program:** Gut-Microbiome-Brain Interactions and Mental Health (R21/R33)

**Description:** This announcement encourages research grant applications from institutions/organizations to investigate mechanisms by which the gut microbiome modulates the development and function of brain circuits that subserve behavioral functions of direct relevance to the mission of the NIMH. Because initial colonization of the gut by microbiota occurs early in life and may influence the subsequent development and modifiability of the central nervous system, developmental studies are of interest. Applicants may propose to use wild-type, gnotobiotic, and/or specific pathogen-free model organisms. With this funding, the NIMH encourages investigator teams to initiate hypothesis-driven research in this cross-cutting research area and to identify promising mechanistic leads for future basic and translational research that will advance the mission of the NIMH.

**Due Date:** November 25, 2014

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



**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-850.html>

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

**Program:** Clinical Research in the Prevention, Diagnosis, and Treatment of HIV-Related Heart, Lung, and Blood (HLB) Diseases in Adults and Children (R01)

**Description:** This announcement invites clinical research project grant applications on the prevention, diagnosis, and treatment of HIV-related heart, lung, and/or blood (HLB) diseases in adults and children. Proposed projects may utilize various approaches such as observational studies; quasi-experimental designs; and single-center, pilot trials. Whenever possible, investigators are strongly encouraged to leverage existing infrastructure such as clinical cohorts, biological specimens and imaging banks. The goal of this FOA is to address major scientific gaps in characterizing, preventing, diagnosing, or treating HIV-related HLB diseases and foster multi-disciplinary collaborations among investigators.

**Due Date:** December 9, 2014

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-023.html>

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

**Program:** BioMarkers of Alzheimers Disease in Down Syndrome (R01)

**Description:** The goal of this funding opportunity announcement is to enable the identification of the longitudinal progression of Alzheimer's disease in adults with Down Syndrome using clinical, cognitive, imaging, genetic and biochemical bioMarkers.

**Due Date:** December 12, 2014

**Funding:** Estimated Total Program Funding: \$5,000,000; Award Ceiling: \$2,500,000

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-15-011.html>

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

**Program:** Planning Grants for Dental, Oral and Craniofacial Tissue Regeneration Consortium Resource Centers (R34)

**Description:** This announcement invites Planning Grant applications to articulate a vision, roadmap, organizational structure and operational procedures for establishing Resource Centers (RCs). These planning grants are intended to enable the institutions to develop the necessary partnerships and infrastructure needed to be competitive for establishing successful RCs. It is envisioned that the RCs will provide technical support and research capacity for a future Dental Oral and Craniofacial Tissue Regeneration Consortium.

**Due Date:** December 29, 2014

**Funding:** Estimated Total Program Funding: \$1,800,000; Award Ceiling: \$125,000

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-15-005.html>

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

**Program:** NCI Established Investigator Award in Cancer Prevention and Control (K05)

**Description:** The purpose of the NCI Established Investigator Award in Cancer Prevention and Control is to provide protected time to senior investigators with exceptional mentoring records and sustained, high levels of research productivity in cancer prevention, cancer control, or the behavioral or population sciences to devote to research and mentoring.

**Due Date:** January 7, 2015

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-065.html>

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

**Program:** Planning Grants for Translational Research to Improve Obesity and Diabetes Outcomes (R34)

**Description:** The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and the National Institute of Mental Health (NIMH) encourage NIH Clinical Trial Planning Grant Program grant applications from institutions/ organizations to develop and pilot test practical, sustainable, acceptable, and cost efficient adaptations of efficacious strategies or approaches prevent and treat diabetes and/or obesity. Research must target the prevention or reversal of obesity, prevention of type 2 diabetes,

improved care of type 1 and type 2 diabetes, or the prevention or delay of the complications of these conditions. NIMH encourages research focused on people with severe mental illness, whose risk for obesity and type 2 diabetes is twice that of the general population. The approaches tested should have the potential to be widely disseminated to clinical practice, individuals and communities at risk.

**Due Date:** March 2, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-173.html>

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

**Program:** Mental Health Research Dissertation Grant to Increase Diversity (R36)

**Description:** The purpose of this announcement, issued by the National Institute of Mental Health (NIMH), is to increase the diversity of the mental health research workforce by providing dissertation awards in all areas of research within the strategic priorities of the NIMH to individuals from diverse backgrounds underrepresented in mental health research to support the completion of the doctoral research project.

**Due Date:** December 22, 2014

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-103.html>

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

**Program:** NIDCD Research On Hearing Health Care (R21/R33)

**Description:** This announcement invites Exploratory/Developmental Phased InNovation grant applications to support research and/or infrastructure needs leading to more accessible and affordable hearing health care (HHC). The proposed research aims should lead to the delivery of better healthcare access and outcomes and be directed to solutions that are effective, affordable and deliverable to those who need them. Outcomes and health services research are also responsive to this funding. This grant provides support for up to two years for preliminary/development studies, followed by possible transition of up to four years of expanded research and development support. The total project period for an application submitted in response to this announcement may not exceed five years.

**Due Date:** February 24, 2015

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-14-001.html>

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

**Program:** Pilot studies in Pancreatic Cancer (R03)

**Description:** This announcement, issued by the National Cancer Institute encourages the submission of Small Research Grant applications from institutions and organizations that propose to promote innovative research across multiple disciplines for a better understanding of the biology, etiology, detection, prevention, and treatment of pancreatic cancer. The grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. The program is intended to support small research projects that can be carried out in a short period of time with limited resources.

**Due Date:** January 7, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-11-298.html>

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

**Program:** Investigations on Primary Immunodeficiency Diseases (R01)

**Description:** This opportunity is intended to support innovative investigations in primary immunodeficiency diseases. Of particular interest are the detection of primary immunodeficiency diseases, the identification of the molecular basis of these diseases, and the design and pre-clinical development of innovative therapies for these diseases. Clinical trials will not be supported by this funding. Studies using samples obtained from humans and studies on animal models are encouraged. Investigators who have not received independent NIH funding in this field are encouraged to apply.

**Due Date:** January 7, 2015

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-12-036.html>

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

**Program:** Research to Advance Vaccine Safety (R21)

**Description:** The purpose of this funding opportunity is to support research that will contribute to the overall understanding of vaccine safety. This research opportunity invites studies that address scientific areas potentially relevant to vaccine safety such as 1) physiological and immunological responses to vaccines and vaccine components, 2) how genetic variations affect immune/physiological responses that may impact vaccine safety, 3) identification of risk factors and biological Markers that may be used to assess whether there is a relationship between certain diseases or disorders and licensed vaccines, 4) creation/evaluation of statistical methodologies for analyzing data on vaccine safety, including data available from existing data sources such as passive reporting systems, or 5) the application of genomic/molecular technologies to improve knowledge of vaccine safety.

**Due Date:** January 7, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-12-038.html>

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

**Program:** Unconventional Roles of Ethanol Metabolizing Enzymes, Metabolites, and Cofactors in Health and Disease (R21)

**Description:** The purpose of this opportunity is to provide support for integrated, innovative research on the novel and unconventional contributions of ethanol metabolizing pathways, their metabolites, cofactors, and interactions with synergizing biological pathways in the development of alcohol-induced diseases and end organ injuries. It is anticipated that this FOA will generate data that may lead to breakthroughs in our understanding of identifying key cellular and molecular components in the initiation, progression and maintenance of the diverse medical disorders caused by excessive, long term alcohol consumption. In the future this knowledge may be critical in the diagnosis, treatment and management of vulnerable patient population debilitated by the vast array of alcohol-induced pathologies and enable clinicians to improve disease outcomes and, consequently, public health.

**Due Date:** January 7, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-12-234.html>

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

**Program:** NINDS Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows in MD-PhD Programs (F31)

**Description:** The purpose of this individual predoctoral research training fellowship is to provide support for promising doctoral candidates who are enrolled in combined MD-PhD programs, who will be performing dissertation research and training in scientific health-related fields relevant to the mission of the National Institute of Neurological Disorders and Stroke.

**Due Date:** January 7, 2015

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-13-127.html>

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

**Program:** Gene-Environment Interplay in Substance Use Disorders (R01)

**Description:** The National Institute on Drug Abuse and the National Institute on Alcohol Abuse and Alcoholism seek to stimulate and expand research on the interplay of genetic and environmental factors in the genesis, course, and outcomes of substance and alcohol use disorders (SUDs). Previous work in genetic epidemiology and molecular genetics has established that SUDs are highly heritable, developmental disorders with important genetic substrates. Building on these findings, new studies using genetically informative approaches are needed to elucidate the complex interplay of genetic and environmental factors in developmental trajectories of SUDs and comorbid conditions, deepen and refine phenotypic definitions of SUDs, and meet the methodologic challenges of the field. Such studies hold great potential to promote understanding of the true contributions of both genetic and environmental factors to initiation, progression, comorbidity, adverse outcomes, and desistance of SUDs; to elucidate mechanisms of risk; and to enhance opportunities for translation to treatment, prevention, gene-finding and molecular studies.

**Due Date:** January 7, 2015

**Funding:** See Announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-11-235.html>

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

**Program:** Development of Mathematical Cognition and Reasoning and the Prevention of Math Learning Disabilities (R03)

**Description:** This announcement is intended to stimulate innovative, multidisciplinary research on the cognitive, neuroplasticity, genetic and environmental factors involved in math learning and learning disabilities. This research will advance our knowledge of the factors that contribute to the development, advancement, and impairment of mathematical cognition, including the ability to apprehend and reason about magnitude, number, temporal and spatial relationships, and concomitantly provide the evidence base to inform the design of effective (i.e., efficacious in "real world" contexts) interventions for the remediation and/or prevention of mathematical learning disabilities (MLD).

**Due Date:** January 7, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PA-12-247.html>

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

**Program:** Pilot and Feasibility Clinical Research Grants in Kidney or Urologic Diseases (R21)

**Description:** This announcement issued by the National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, is to support Exploratory/Developmental Research Grants that propose small scale or pilot and feasibility clinical and translational research studies, including epidemiological studies or clinical trials related to kidney or urologic disease research. Studies should address important clinical and translational questions and are potentially of high clinical and public health impact. It is anticipated that some projects supported by these grants may lead to full-scale clinical studies including diagnostic strategies, epidemiological studies, or randomized clinical trials of diagnosis, prevention, or treatment of kidney or urologic diseases.

**Due Date:** January 7, 2015

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-11-352.html>

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

**Program:** Small Grants Program for Cancer Epidemiology (R03)

**Description:** This announcement, issued by the National Cancer Institute, encourages the submission of Small Research Grant applications for research on cancer etiology and epidemiology. The overarching goal of this funding is to provide support for pilot projects, testing of new techniques, secondary analyses of existing data, development and validation of measurement methods, linkage of genetic polymorphisms with other variables related to cancer risk, and development of innovative projects for more comprehensive research in cancer etiology and epidemiology.

**Due Date:** November 18, 2014

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-039.html>

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

**Program:** Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)

**Description:** This funding opportunity announcement, issued by the Center to Reduce Cancer Health Disparities and the Division of Cancer Biology of the National Cancer Institute, invites applications by investigators from diverse backgrounds underrepresented in basic and biomedical cancer research. The NIH recognizes a unique and compelling need to promote diversity in the NIH-funded research workforce. The purpose of this funding is to improve the diversity of the NCI-funded research workforce by supporting and recruiting eligible investigators from groups that have been shown to be underrepresented in the biomedical, clinical, behavioral, and social sciences including individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have recently and demonstrably inhibited their ability to pursue a career in health-related research. This funding opportunity will also provide a bridge to investigators that have completed their research training and may need extra time to develop a research project grant application.

**Due Date:** November 20, 2014

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-12-096.html>



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

**Program:** Biomedical/Biobehavioral Research Administration Development (BRAD) Award (G11)

**Description:** The purpose of this announcement is to invite applications that propose to establish Offices of Research and Sponsored Programs (ORSPs) or enhance the services of existing ORSPs or similar entities at domestic and international institutions of higher learning. Domestic program priorities include emerging research institutions and primarily undergraduate institutions, including women's colleges, that have a racial and ethnically diverse student enrollment and that meet the eligibility requirement of the NIH Academic Research Enhancement Award (AREA) program. International program priorities include institutions of higher education in sub-Saharan Africa, India, and low and middle income countries in the Caribbean and South America that meet the eligibility requirements.

**Due Date:** August 19, 2016

**Funding:** See announcement

**Website:** <http://grants.nih.gov/grants/guide/pa-files/PAR-14-333.html>

**Agency:** Department of Justice  
National Institute of Justice

**Program:** FY 15 NIJ Graduate Research Fellowship Program in the Social and Behavioral Sciences

**Description:** NIJ is seeking proposals for funding under the Graduate Research Fellowship program in social and behavioral sciences. This program provides awards for research on crime, violence, and other criminal justice-related topics to accredited universities that offer research-based doctoral degrees. NIJ invests in doctoral education by supporting universities that sponsor students who demonstrate the potential to successfully complete doctoral degree programs in disciplines relevant to the mission of NIJ, and who are in the final stages of graduate study. Applicants sponsoring doctoral students are eligible to apply only if the doctoral research dissertation has direct implications for criminal justice policy and practice in the United States.

**Due Date:** December 24, 2014

**Funding:** Award Ceiling: \$32,000; Award Floor: \$1,000

**Website:** <https://ncjrs.gov/pdffiles1/nij/sl001127.pdf>

**Agency:** Department of the Interior  
Fish and Wildlife Service

**Program:** Marine Turtle Conservation Fund

**Description:** The Marine Turtle Conservation Fund is soliciting proposals for the conservation of Marine turtles (*Chelonia mydas*, *Caretta caretta*, *Dermochelys coriacea*, *Eretmochelys imbricata*, *Lepidochelys olivacea*, *Lepidochelys kempii*) throughout their range outside of the United States and its territories. The U.S. Government enacted the Marine Turtle Conservation Act (MTCA) of 2004 in response to the decline of many Marine turtle populations worldwide and the serious threats to their long-term survival. The primary purpose of the Act is to provide financial support for projects that conserve nesting populations and habitat and address other threats to the survival of Marine turtles in foreign countries. The goal of this grants program is to reduce threats to Marine turtles in their natural habitat. Proposals should identify specific conservation actions that have a high likelihood of creating lasting benefits. Project activities that emphasize data collection and status assessment should describe a direct link to management action, and explain how lack of information has been a key limiting factor for management action in the past.

**Due Date:** October 1, 2014

**Funding:** Total Funding: \$1,500,000; Award Ceiling: \$117,000

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

**Agency:** National Endowment for the Humanities  
Office of Digital Humanities

**Program:** NEH/DFG Bilateral Digital Humanities Program

**Description:** The National Endowment for the Humanities (NEH) in the United States and the German Research Foundation (Deutsche Forschungsgemeinschaft e.V., DFG) are working together to offer support for projects that contribute to developing and implementing digital infrastructures and services for humanities research. In order to encourage new approaches and develop innovative methods in any field of the humanities, these grants provide funding for up to three years in any of the following areas: developing innovative methods, as well as standards and best practices, for building and merging digital collections that are significant and of major current interest, for use in humanities research; developing and implementing generic tools, methods, and techniques for accessing and processing digital resources relevant to humanities research; creating new digital modes of scholarly communication and publishing that facilitate international cooperation and

dissemination of humanities scholarship; and developing models for effectively managing digital data generated in humanities research projects (for example, texts, audio files, photographs, 3D objects) and exemplifying those models in case studies.

**Due Date:** September 25, 2014

**Funding:** Award Ceiling: \$350,000

**Website:** <http://www.neh.gov/grants/odh/nehdfg-bilateral-digital-humanities-program>

**Agency:** National Science Foundation  
Directorate for Computer & Information Science & Engineering

**Program:** Cyberlearning and Future Learning Technologies

**Description:** The purpose of the Cyberlearning and Future Learning Technologies program is to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to advance three interconnected thrusts: InNovation: inventing and improving next-generation genres (types) of learning technologies, identifying new means of using technology for fostering and assessing learning, and proposing new ways of integrating learning technologies with each other and into learning environments to foster and assess learning; Advancing understanding of how people learn in technology-rich learning environments: enhancing understanding of how people learn and how to better foster and assess learning, especially in technology-rich learning environments that offer new opportunities for learning and through data collection and computational modeling of learners and groups of learners that can be done only in such environments; and Promoting broad use and transferability of new genres: extracting lessons from experiences with these technologies that can inform design and use of new genres across disciplines, populations, and learning environments; advancing understanding of how to foster learning through effective use these new technologies and the environments they are integrated into. The intention of this program is to advance technologies that specifically focus on the experiences of learners; innovations that simply focus on making teaching easier will not be funded.

**Due Date:** December 1, 2014

**Funding:** Total Funding: \$18,000,000; Award Ceiling: \$2,500,000

**Website:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504984](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504984)

**Agency:** National Science Foundation  
Division of Behavioral and Cognitive Sciences

**Program:** Perception, Action & Cognition

**Description:** This program supports research on perception, action and cognition including the development of these capacities. Emphasis is on research strongly grounded in theory. Research topics include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, motor control, and developmental issues in all topic areas. The program encompasses a wide range of theoretical perspectives, such as symbolic computation, connectionism, ecological, nonlinear dynamics, and complex systems, and a variety of methodologies including both experimental studies and modeling. Research involving acquired or developmental deficits is appropriate if the results speak to basic issues of perception, action, and cognition.

**Due Date:** February 2, 2015

**Funding:** See Announcement

**Website:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5686](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686)

**Agency:** National Science Foundation  
Division of Behavioral and Cognitive Sciences

**Program:** Developmental and Learning Sciences

**Description:** DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. Among the many research topics supported by DLS are: developmental cognitive neuroscience; development of higher-order cognitive processes; transfer of knowledge from one domain or situation to another; use of molecular genetics to study continuities and discontinuities in development; development of peer relations and family interactions; multiple influences on development, including the impact of family, school, community, social institutions, and the media; adolescents' preparation for entry into the workforce; cross-cultural research on development and learning; and the role of cultural influences and demographic characteristics on development.

**Due Date:** January 15, 2015

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

**Website:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=8671](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671)

**Agency:** National Science Foundation  
Division of Environmental Biology

**Program:** Genealogy of Life

**Description:** All of comparative biology depends on knowledge of the evolutionary relationships (phylogeny) of living and extinct organisms. In addition, understanding biodiversity and how it changes over time is only possible when Earth's diversity is organized into a phylogenetic framework. The goals of the Genealogy of Life (GoLife) program are to resolve the phylogenetic history of life and to integrate this genealogical architecture with underlying organismal data. The ultimate vision of this program is an open access, universal Genealogy of Life that will provide the comparative framework necessary for testing questions in systematics, evolutionary biology, ecology, and other fields. A further strategic integration of this genealogy of life with data layers from genomic, phenotypic, spatial, ecological and temporal data will produce a grand synthesis of biodiversity and evolutionary sciences. The resulting knowledge infrastructure will enable synthetic research on biological dynamics throughout the history of life on Earth, within current ecosystems, and for predictive modeling of the future evolution of life.

**Due Date:** March 25, 2015

**Funding:** \$10,000,000

**Website:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5129](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5129)

**Agency:** United States Agency for International Development  
Office of Foreign Development

**Program:** USAID/Nigeria Education Crisis Response

**Description:** The purpose of this notice is to announce an Annual Program Statement (APS) for the USAID/Nigeria Education Crisis Response. The overarching goal of the Education Crisis Response is to: Expand enrollment in appropriate, protective and relevant educational options for the girls, boys, and youth that are affected by violence in Northeastern Nigeria. Activities will provide targeted assistance for the girls, boys, and youth that are affected by violence in Northeastern Nigeria, and ensure that children and youth have continued access to an instructional routine in Adamawa and the buffer States of Bauchi and Gombe (with other States to be determined as needs require and conditions permit).

**Due Date:** July 22, 2015

**Funding:** Total Funding: \$30,000,000; Award Ceiling: \$15,000,000;

**Website:** <http://www.usaid.gov/work-usaid/get-grant-or-contract/opportunities-funding>

**Agency:** United States Agency for International Development/Office of Foreign Development  
Agency for International Development

**Program:** IMPROVING POST HARVEST LOSS THROUGH HOUSHOLD SEED STORAGE MODELS FOR VULNERABLE POPULATIONS IN JAMAICA

**Description:** USAID/OFDA's mandate is to save lives, alleviate human suffering, and reduce the economic impact of disasters worldwide. In order to achieve this goal, USAID/OFDA seeks to mitigate the effects of post-harvest losses to grain and seed through the development of replicable and sustainable seed storage systems, constructed at household or community level. Under this APS, USAID/OFDA is specifically looking for innovative methods or research programs, preferably building upon traditional seed storage methods that are culturally acceptable and do not require long-term input from an outside source. While proposals that focus on community-level storage methods will be considered, preference will be given to systems that are functional and sustainable at the household level. Proposals for conventional seed banks will generally not be considered.

**Due Date:** October 4, 2014

**Funding:** \$500,000

**Website:** <http://www.usaid.gov/work-usaid/get-grant-or-contract/opportunities-funding>