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grants

The summer Pell grant option for students would be reinstated under provisions in the Fiscal 2017 Labor-HHS-Education appropriations bill approved June 9 by the Senate Appropriations Committee. Overall, the bill totals \$161.9 billion -- \$270 million less than current year funding.





should be realized through overall extramural R&D budget increases for NSF. In the current budget environment, increases in these programs mean real cuts to the remainder of the extramural budget. We do not see annual increases in the set-asides

*broader impacts criteria, among other specific criteria as appropriate, as the basis for evaluating*



guarantee students do not miss loan payments and lessen their chances of long term debt.

H.R. 3178, The Strengthening Transparency in Higher Education Act, by Virginia Foxx (R-NC) and Gregorio Sablan (D-MP), is designed to help students gain access to the facts they need to make an educated decision about where to pursue their education.

## Supreme Court finds UT-Austin's use of race as admissions factor constitutional

On June 23, 2016, the Supreme Court released its decision in *Fisher v. University of Texas at Austin*, holding that the University of Texas-Austin's (UT-Austin's) admission plan, which allows the University to use race as one of a number of factors to consider during the admissions process, was constitutionally valid and not in violation of the Equal Protection Clause.

The majority opinion was drafted by Justice Anthony Kennedy, a fact which is somewhat surprising to many legal scholars since he has long been a skeptic to race-conscious programs and dissented to the last major "affirmative action" decision that came out of the Court. Justice Kagan recused herself from this decision, since she had previously drafted an Amicus brief in her capacity as the Solicitor General.

This extremely fact-specific decision leaves the Court discretion to review other race-conscious programs to determine their constitutionality. In this case, the University of Texas was bound by a state law which requires UTv7 ( 4 (om)-3 (-1.15 Td [(c)4 (ons3(ng)10 ( t)2 p r)n

test. However, Justice Kennedy does point out in the closing of his opinion that, “the Court’s affirmance of the University’s admissions policy... does not necessarily mean the University may rely on that same policy without refinement. It is the University’s ongoing obligation to engage in constant deliberation and continued reflection regarding its admissions policies.”

## FAA removes paperwork for drone use for educational and research purposes; issues rule on commercial use

A final regulation for the operation of small drones for routine commercial use was published by the FAA June 21 indicating the rule takes effect in late August. The rule applies to drones weighing less than 55 pounds conducting non-hobbyist operations.

While the rule does not address educational and research uses of drones, FAA Administrator Michael Huerta announced at a conference in May that he was taking steps to make it easier for students to use drones as part of educational efforts.

FAA Administrator Michael Huerta announced the FAA is now allowing students to operate UAS for educational and research purposes. As a result, schools and students will no longer need a Section 333 exemption or any other authorization to fly provided they follow the rules for model aircraft. Faculty will be able to use drones in connection with helping their students with their courses.

“Schools and universities are incubators for tomorrow’s great ideas, and we think this is going to be a significant shot in the arm for innovation,” Huerta said.

Under the final rule for commercial use, the person actually flying a drone must be at least 16 years old and have a remote pilot certificate with a small UAS rating, or be directly supervised by someone with such a certificate. To qualify for a remote pilot certificate, an individual must either pass an initial aeronautical knowledge test at an FAA-approved knowledge testing center or have an existing non-student Part 61 pilot certificate. If qualifying under the latter provision, a pilot must have completed a flight review in the previous 24 months and must take a UAS online training course provided by the FAA. The TSA will conduct a security background check of all remote pilot applications prior to issuance of a certificate. Flights will have to occur during daylight, or twilight if the craft has lights. To read the rule or a summary, [click here](#).

## Sen. Nelson and colleagues urge Administration to change decision on graduate health insurance

Florida Senator Bill Nelson and 13 other Democratic Senators sent a letter to the Administration June 22 seeking a new policy interpretation of a provision in the Affordable Care Act that threatens to negatively affect health insurance coverage for



thousands of graduate students and teaching assistants at universities across the nation next year.

The IRS and Departments of Labor and Health and Human Services issued Notice 2013-54 in February intended to prevent employers from eluding the ACA employer mandate. However, the guidance document would have the effect of preventing universities from providing subsidized health insurance coverage through Student Health Insurance Plans to certain graduate students.

The Senators wrote: “While we commend your Departments for providing temporary transition relief in the guidance, this guidance is based on an interpretation of the ACA that interferes with a university’s ability to provide graduate students with ACA-compliant SHIP coverage, at little of no cost. Notwithstanding the provided temporary transition relief there remains an urgent need to resolve this issue expeditiously. Colleges and universities will be negotiating the terms and cost of their student health insurance coverage for academic year 2017-18 during this fall. Thousands of graduate students at campuses across the country could potentially be affected, costing students and schools millions of dollars.”

## NSF issues strategic plan for graduate education investments

The National Science Foundation has released its new *Strategic Framework for Investments in Graduate Education*, a 5-year plan to guide the funding agency in advancing the nation’s science and engineering enterprise.

## NITRD bill advanced by the House

The House passed a bill June 14 intended to strengthen the federal Networking and Information Technology Research and Development Program which coordinates \$4.3 billion in research investments in the IT area across multiple agencies.

The *Networking and Information Technology Research and Development Modernization Act of 2016* (H.R. 5312) would require a 5-year strategic plan for the program and periodic evaluation of the program's activities and funding. The bill codifies many recent

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foster care. The document seeks to ease the transition for states and local partners in understanding and implementing the ESSA.

Education Secretary John King called children in foster care “among our most vulnerable students.” He

Universities may apply if they (1) receive more than 50 percent of their funding from

allows for annual awards over a three year project period as funds are available.

Due Date: July 25, 2016

Funding: Total Program Funding: \$9,000,000; Award Ceiling: \$450,000; Award Floor: \$300,000

Website: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-ACYF-SR-1197>

Bureau of East Asian & Pacific Affairs, State Department

Program : Pacific Island Marine Protected Area Projects

Description : The Bureau of East Asian and Pacific Affairs (EAP) announces a request for proposals from organizations interested and driven to develop and manage projects leading to the creation and implementation of more, effectively managed Marine Protected Areas (MPA) in the Pacific Islands region. The Pacific Islands region is marked by recent success and significant momentum in the creation of MPAs. MPAs are safe havens for marine resources and can serve as living laboratories that are crucial to scientific research and discoveries that benefit humankind. Projects are limited to Pacific Island countries eligible to receive Economic Support Funds: Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands, Timor-Leste, Tonga, Tuvalu, and Vanuatu.

Due Date: July 29, 2016

Funding: Total Program Funding: \$445,500; Award Ceiling: \$445,500; Award Floor: \$200,000

Website: <https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=57659>

DARPA- Biological Technologies Office, DOD

Program : Prometheus

Description : The Prometheus program aims to develop a molecular host prognostic assay to measure infectious disease contagiousness. Prometheus will focus specifically on the early prognosis of pathogen transmission potential prior to the onset of symptoms. By the end of the program, a minimal set of early host biomarkers will be identified in humans that correlate with and predict contagiousness <24 hours after infection.

Due Date: August 02, 2016

Funding: See announcement



Website: <http://www.usamraa.army.mil/>

Dept. of the Army -- USAMRAA

Program : DoD Tick-Borne Disease Idea Award

Description : The FY16 TBDRP Idea Award promotes new ideas that represent innovative approaches to Lyme disease and other tick-borne disease research and have the potential to make an important contribution to the TBDRP mission. This award funds conceptually innovative, high-risk/potentially high-reward research in the early stages of development that could lead to critical discoveries or major advancements that will accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale that is established through logical reasoning and/or critical review and analysis of the literature.

Due Date: November 16, 2016

Funding: Total Program Funding: \$1,200,000

Website: <http://www.usamraa.army.mil/>

Department of Education

Domestic Office of Postsecondary Education (OPE):

Program : American Overseas Research Centers (AORC) Program

Description : The American Overseas Research Centers (AORC) Program provides

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information about education practices that support learning and improve academic achievement and access to education opportunities for all students. These interested individuals include parents, educators, students, researchers, and policymakers. In carrying out its grant programs, the Institute provides support for programs of research in areas of demonstrated national need. The Institute's purpose in awarding these grants is to provide national leadership in expanding fundamental knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for disability, and (2) education outcomes for all students from early childhood education through postsecondary and adult education.

Due Date: August 4, 2016

Funding: See announcement

Website: <https://www.gpo.gov/fdsys/pkg/FR-2016-03-08/pdf/2016-05155.pdf>

Department of Education  
Office of Postsecondary Education (OPE)

Program : Fulbright-Hays Group Projects Abroad Program CFDA Number 84.021A

Description : The purpose of the Fulbright-Hays Group Projects Abroad (GPA) Program is to promote, improve, and develop modern foreign languages and area studies at varying levels of education. The program provides opportunities for faculty, teachers, and undergraduate and graduate students to conduct individual and group projects overseas to carry out research and study in the fields of modern foreign languages and area studies. This competition will support both Fulbright-Hays GPA short-term projects (GPA short-term projects) and Fulbright-Hays GPA long-term projects (GPA long-term projects).

Due Date: August 01, 2016

Funding: Total Program Funding: \$2,792,440; Award Ceiling: \$250,000

Website: [http://www.ed.gov/oea/apply/apply.html](#)

financing the newly established public defense office with assistance from the Nigerian Bar Association (NBA), Kano Branch.

Due Date: August 19, 2016

Funding: Award Ceiling: \$2,000,000; Award Floor: \$100,000

Website: <http://www.state.gov/j/in/>

Department of Transportation- FAA Aviation Research

Program : FAA Aviation Research and Development Grants

Description : The FAA is soliciting proposals for research grants and cooperative agreements to pursue the long-term growth and short-term technical needs of civil aviation. In order to streamline the application process, it is recommended that all prospective grantees submit a white paper (letter of intent) for agency technical review before complete proposal submission. Please be sure to identify the specific area of interest (Solicitation FAA-12-01 – Chapter I. FAA Research Grants Program, Technical Areas of Research #1-#9).

Due Date: December 31, 2019

Funding: See announcement

Website:

[https://www.faa.gov/about/office\\_org/headquarters\\_offices/ato/service\\_units/acquisition/grants/?CFID=305223563&CFTOKEN=f4d5d73aac51fba2-F55538DF-B3F7-1E58-D528004D149BAD0C&jsessionid=9EED5F0B16E6CE9976412025C53F90EE.www](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/acquisition/grants/?CFID=305223563&CFTOKEN=f4d5d73aac51fba2-F55538DF-B3F7-1E58-D528004D149BAD0C&jsessionid=9EED5F0B16E6CE9976412025C53F90EE.www)

FDA

Program : FDA Scientific Conference Grant Program (R13/U13)

Description : The FDA recognizes the value of supporting high quality, small conferences and scientific meetings relevant to its mission and to the public health. A small conference or scientific meeting is defined as a symposium, seminar, workshop, or any formal meeting, whether conducted face-to-face or virtually to exchange information and explore a defined subject, issue, or area of concern impacting the public's health within the scope of the FDA's mission. Support of such meetings is

contingent upon the fiscal and programmatic interests and priorities of the FDA's respective Offices and Centers.

Due Date: June 16, 2017

Funding: See announcement

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

National Aeronautics and Space Administration

Program : Research Opportunities in Fundamental Physics- NASA-

flight affects a diverse group of microorganisms, plants, and animals; study the effects of gravity (g) across the g-spectrum, i.e., from micro- to hyper-gravity; and characterize the biological effects of radiation, magnetic fields, and the interaction among species in the unusual environments of space and spacecraft.

Due Date: December 31, 2017

Funding: See announcement

Website: <https://nspires.nasaprs.com/external/>

National Aeronautics and Space Administration

Program : Research Opportunities in Aeronautics

Description: This NASA Research Announcement solicits foundational and system-level research in support of the Aeronautics Research Mission Directorate (ARMD), National Aeronautics and Space Administration. This NRA covers a variety of topics in aeronautics fundamental research that are being pursued by NASA personnel. Specific research thrusts are outlined in the Appendices. A major focus of this NRA is to encourage collaboration between other organizations and NASA to help advance ARMD strategic goals. Awards will be made as grants, cooperative agreements or contracts, depending on the nature of the proposing organization and/or program requirements. It is anticipated that the majority of awards will be cooperative agreements or contracts due to the expected collaborative nature of the work specified in the technical appendices. The typical period of performance for an award is three years, although a few programs may specify shorter or longer (maximum of five years) periods.

Due Date: April 30, 2017

Funding: See announcement

Website: <https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7B5F7EC42E-136B-FA21-515A-FFA32C228454%7D&path=open&redirectURL=%252Fexternal%252Fsolicitations%252Fsolicitations.do%253Fmethod%253Dopen%2526stack%253Dpush>

National Institutes of Health

Program : U.S.-Russia Bilateral Collaborative Research Partnerships (CRP) on the Prevention and Treatment of HIV/AIDS and HIV-Associated Comorbidities

Description : This Funding Opportunity Announcement (FOA) solicits applications from United States institutions with a Russian institution partner in collaboration with the Russian Foundation for Basic Research (RFBR) to establish Collaborative Research Partnerships (CRP) in the field of HIV/AIDS research. The research that is solicited under this announcement is directed toward increasing the knowledge and understanding in biomedical and bio-behavioral topics that aim to impact HIV/AIDS and HIV-associated co-infections, comorbidities, and complications.

Due Date: September 13, 2016

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

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-17-006.html>

National Institutes of Health

Program : Planning Grant for NINDS Morris K. Udall Parkinson's Disease Research Center Without Walls (R34)

Description : This announcement solicits Planning Grant applications to convene new transdisciplinary research consortia and formalize the multi-institutional organizational structure necessary to resolve an essential challenge in Parkinson's disease (PD) through a subsequent, transformative Center Without Walls (CWW) (P10) (S10) (U01) (U02) (U03) (U04) (U05) (U06) (U07) (U08) (U09) (U10) (U11) (U12) (U13) (U14) (U15) (U16) (U17) (U18) (U19) (U20) (U21) (U22) (U23) (U24) (U25) (U26) (U27) (U28) (U29) (U30) (U31) (U32) (U33) (U34) (U35) (U36) (U37) (U38) (U39) (U40) (U41) (U42) (U43) (U44) (U45) (U46) (U47) (U48) (U49) (U50) (U51) (U52) (U53) (U54) (U55) (U56) (U57) (U58) (U59) (U60) (U61) (U62) (U63) (U64) (U65) (U66) (U67) (U68) (U69) (U70) (U71) (U72) (U73) (U74) (U75) (U76) (U77) (U78) (U79) (U80) (U81) (U82) (U83) (U84) (U85) (U86) (U87) (U88) (U89) (U90) (U91) (U92) (U93) (U94) (U95) (U96) (U97) (U98) (U99) (U100) (U101) (U102) (U103) (U104) (U105) (U106) (U107) (U108) (U109) 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Program : Linking the Provider Recommendation to Adolescent HPV Vaccine Uptake (R21)

Description : This announcement encourages research on how the healthcare delivery system enhances or inhibits the effectiveness of a provider's recommendation of the adolescent human papillomavirus (HPV) vaccine. Characteristics of the provider, parent/patient, and clinical setting, can all affect whether a provider makes a recommendation, and whether that recommendation results in uptake of the HPV vaccine. This research requires expertise in cancer prevention, adult and childhood behavior, immunization promotion, and healthcare delivery.

Due Date: July 16, 2019

Funding: Award Ceiling: \$200,000

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

National Institutes of Health

Program : Linking the Provider Recommendation to Adolescent HPV Vaccine Uptake (R03)

Description : This announcement encourages research on how the healthcare delivery system enhances or inhibits the effectiveness of a provider's recommendation of the adolescent human papillomavirus (HPV) vaccine. Characteristics of the provider, parent/patient, and clinical setting, can all affect whether a provider makes a recommendation, and whether that recommendation results in uptake of the HPV vaccine. This research requires expertise in cancer prevention, adult and childhood behavior, immunization promotion, and healthcare delivery.

Due Date: July 16, 2019

Funding: Award Ceiling: \$50,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-337.html>

National Institutes of Health

Program : Integrative Research on Polysubstance Abuse and Addiction

Description : This announcement is supported by Collaborative Research on Addiction (CRAN) at the National Institutes of Health (NIH), a trans-NIH partnership composed of the National Institute on Alcohol Abuse and Alcoholism (NIAAA), the National Institute on Drug Abuse (NIDA), and the National Cancer Institute (NCI). The intent of this FOA is two-fold: (1) characterize how the neurobiological alterations, associated behaviors, and public health consequences arising from polysubstance use differ from, or are

similar to, those observed in single drug use; (2) promote integrative polysubstance research along a translational pipeline, consisting of basic science research in animals, human-based laboratory investigations, and epidemiological studies. These dual objectives will be accomplished with a Phased Innovation (R21/R33) mechanism, where polysubstance research can occur in any of these translational stages during the R21 phase and these findings will be rapidly back- or forward-integrated into another stage during the R33 phase, allowing for bi-directional research exchange.

Due Date: September 07, 2019

Funding: See announcement See announcement Award Ceiling: \$200,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-291.html>

National Institutes of Health

Program : Nutrigenetics and Nutrigenomics Approaches for Nutrition Research (R01)

Description : The purpose of this announcement is to promote application of nutrigenetics and/or nutrigenomics approaches to nutrition research through collaborative interaction among nutrition researchers and experts in omics technologies.

Due Date: September 07, 2019

Funding: See announcement

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-332.html>

National Institutes of Health

Program : Small Research Grants for Establishing Basic Science-Clinical Collaborations to Understand Structural Birth Defects

Description : The purpose of this announcement is to promote initial establishment of basic science-clinical collaborations by providing small grants to teams of basic scientists, physician scientists, and/or clinicians. These interdisciplinary teams may include but are not limited to the following: developmental biologists, cell biologists, geneticists, genomicists, physician scientists including individuals with DVM/VMD degrees, clinicians, epidemiologists, biostatisticians, and/or bioinformaticists.

Due Date: September 07, 2019

Funding: See announcement. Award Ceiling: \$75,000

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-323.html>

National Institutes of Health

Program : Ruth L. Kirschstein National Research Service Award (NRSA) Fellowship for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)

Description : This announcement will support students at institutions without formal NIH-funded institutional predoctoral dual-degree training programs. The purpose of the Kirschstein-NRSA, dual-doctoral degree, predoctoral fellowship (F30) is to enhance the integrated research and clinical training of promising predoctoral students, who are matriculated in a combined MD/PhD or other dual-doctoral degree training program (e.g. DO/PhD, DDS/PhD, AuD/PhD, DVM/PhD), and who intend careers as physician/clinician-scientists. Applicants must propose an integrated research and clinical training plan and a dissertation research project in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The fellowship experience is expected to clearly enhance the individuals potential to develop into a productive, independent physician/clinician-scientist.

Due Date : May 07, 2019

Funding: See announcement

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-306.html>

National Institutes of Health

Program : Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31 - Diversity)

Description : The purpose of this Kirschstein-NRSA predoctoral fellowship (F31) award is to enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from population groups that have been shown to be underrepresented in the biomedical, behavioral, or clinical research workforce, including underrepresented racial and ethnic groups and those with disabilities. Through this award program, promising predoctoral students will obtain individualized, mentored research training from outstanding faculty sponsors while conducting well-defined research projects in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training is expected to clearly enhance the individuals potential to develop into a productive, independent research scientist.

Due Date : May 07, 2019

Funding: See announcement



Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-308.html>

National Institutes of Health

Program : Neurocognitive Effects of Glycemic Dysregulation in Type 1 Diabetes (DP3)

Description : This Fund announcement invites applications for studies on the neurocognitive complications of type 1 diabetes in new, stand-alone studies or using subjects and/or samples from clinical studies on type 1 diabetes.

Due Date : November 14, 2016

Funding: Total Funding: \$8,000,000; Award Ceiling: \$3,000,000

Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-16-007.html>

National Institutes of Health

Program : Ancillary Studies to Identify Behavioral and/or Psychological Phenotypes Contributing to Obesity (R01)

Description : The purpose of this announcement is to encourage grant applications to support the addition of measures of psychological and/or behavioral constructs or weight-related variables (e.g.; BMI, body composition) to existing or new research studies in humans with the goal of elucidating behavioral or psychological phenotypes that explain individual variability in weight trajectory or response to obesity prevention or treatment interventions. The intent is to support the addition of new measurement in domains other than those covered in the parent grant as a means of elucidating the behavioral and psychological factors that may explain individual differences in weight status. For the purposes of this FOA, behavioral factors related to energy intake include overt actions/behavior (e.g.; objective observation of eating event including measures such as quantity, selection/quality, and speed of intake) and underlying psychological processes related to self-regulation of intake such as cognitive control, affective response, learning, and motivation. The rationale is that an improved understanding of the individual characteristics and processes that explain energy intake patterns can lead to better matching of individuals to prevention or treatment approaches and identify novel targets for more efficacious individual and population level approaches to weight management.

Due Date : February 28, 2019

Funding: See announcement

Website : <http://grants.nih.gov/grants/guide/pa-files/PA-16-304.html>



Description : The Office of Research on Women's Health (ORWH) and participating Institutes and Centers (ICs) of the National Institutes of Health (NIH) announce the continuation of the program for administrative supplements to research grants to support individuals with high potential to re-enter an active research career after an interruption for family responsibilities or other qualifying circumstances. The purpose of these supplements is to encourage such individuals to re-enter research careers within the missions of all the program areas of NIH. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals to update their existing research skills and knowledge.

Due Date: September 29, 2019

Funding: See announcement

Website: <http://grants.nih.gov/grants/guide/pa-files/PA-16-289.html>

National Science Foundation

Program : Joint NSF/NIH Initiative on Quantitative Approaches to Biomedical Big Data

Description : Recent advances in medical and healthcare technologies are creating a paradigm shift in how medical practitioners and biomedical researchers approach the diagnosis, prevention, and treatment of diseases. New imaging technologies, advances in genetic testing, and innovations in wearable and/or ambient sensors are allowing researchers to predict health outcomes and develop personalized treatments or interventions. The National Science Foundation and the National Institutes of Health recognize that fundamental questions in basic, clinical, and translational research could benefit greatly from multidisciplinary approaches that involve experts in quantitative disciplines such as mathematics, statistics, and computer science. The Quantitative Approaches to Biomedical Big Data Program is designed to support research that addresses important application areas at the intersection of the biomedical and data sciences by encouraging inter- and multi-disciplinary collaborations that focus on innovative and transformative approaches to address these challenges.

Due Date: September 28, 2016

Funding: Total Program Funding: \$

National Science Foundation

Program : Advanced Technological Education

Description : With an emphasis on two-year colleges, the Advanced Technological Education (ATE) program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and industry to promote improvement in the education of science and engineering technicians at the undergraduate and secondary school levels. The ATE program supports curriculum development; professional development of college faculty and secondary school teachers; career pathways to two-year colleges from secondary schools and from two-year colleges to four-year institutions; and other activities. Another goal is articulation between two-year and four-year programs for K-12 prospective STEM teachers that focus on technological education. The program invites research proposals that advance the knowledge base related to technician education.

Due Date: October 06, 2016

Funding: Total Program Funding: \$64,000; Award Ceiling: \$4,000,000; Award Floor: \$70,000

Website: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf14577](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14577)

National Science Foundation

Program : Community Support for Combating Wildlife Trafficking in the Heart of Borneo through Sustainable Livelihoods

Description : In addressing STEM challenges and priorities, the National Science Foundation invests in evidence-based and evidence-generating approaches to understanding STEM learning; to designing, testing, and studying instruction and curricular change; to wide dissemination and implementation of best practices; and to broadening participation of individuals and institutions in STEM fields. The goals of these investments include: increasing the number and diversity of STEM students, preparing students well to participate in science for tomorrow, and improving students' STEM learning outcomes. The Improving Undergraduate STEM Education (IUSE: EHR) program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyberlearning, etc.) and new functions of the undergraduate learning and teaching enterprise. More information about NSF-IUSE can be found in the Introduction of this solicitation.

Due Date: October 06, 2016

Funding: Total Program Funding: \$64,000; Award Ceiling: \$4,000,000; Award Floor:  
\$70,000

Website: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf15585](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf15585)

Ocean and International Environmental Scientific

Program : Community Support for Combating Wildlife Trafficking in the Heart of  
Borneo through Sustainable Livelihoods

Description :

