

# Washington E-Update

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July 2017

***Budget and Appropriations Update*** – Even though Congress is still struggling to come up with an overall budget blueprint for itself, House appropriators are charging ahead with subcommittee markups.

The House Appropriations Committee for the most part is ignoring the spending levels proposed in President Donald Trump's budget request as the panel has begun marking some of the 12 appropriations bills.

The five bills released thus far propose spending levels that are about \$26.7 billion more than the White House requested—sending a clear signal that a GOP-controlled Congress will continue to determine spending levels and policy, not the White House.

With more markups slated when Congress returns from the July 4<sup>th</sup> recess, it seems likely the differences between congressional spending bills and the White House's request will widen. State-Foreign Operations Chairman Harold Rogers (R-KY) said he anticipates his bill will be marked up later in July. Republicans have already signaled they will resist the dramatic cuts to foreign aid in the president's request.

One glaring exception—at least initially—could be the bill funding the Departments of Labor, HHS and Education. We have received preliminary reports that the Labor-HHS-Education bill's top-line will be \$156 billion, a \$5 billion cut below current funding levels. But some suspect that's simply a placeholder until Congress can negotiate higher spending ceilings later this year.

For the time being, however, the House Appropriations Committee is operating under a budget allocation that provides \$511 billion for nondefense discretionary (\$5 billion below the statutory cap of \$516 billion) and \$621 billion for defense discretionary. Those totals are significantly different than the \$603 billion President Trump proposed for defense discretionary spending and the \$462 billion he recommended for nondefense discretionary spending.

Congress would need a bipartisan budget agreement to actually raise the spending caps set in law. And Senate Democrats have said they want parity between any increases in defense and nondefense discretionary spending levels for fiscal 2018 – meaning any agreement would likely include lifting the nondefense cap above the \$516 billion also set in law.

But those negotiations haven't actually started. And the topline numbers being discussed by House Republicans are likely to change throughout that process, meaning the spending bills moving through the House Appropriations Committee now will have to be adjusted later in the year.

## **Senators criticize proposal to cap F&A funding for NIH grants**

Research funding for the NIH was the topic of a June 22 hearing by the Senate Labor-HHS-Education appropriations subcommittee.



## **Senator Nelson urges appropriators to stop F&A cap**

Senator Bill Nelson of Florida and three other Democrats sent a letter June 30 to the leaders of the Labor-HHS-Education appropriations subcommittee urging them to include language in the next appropriations bill to block the ability of the Administration to institute a 10 percent cap on F&A rates.

Joining Nelson on the letter were Senators Tammy Baldwin (D-WI), Ed Markey (D-MA) and Gary Peters (D-

**NSF funding supported in House CJS appropriations subcommittee hearing**



his initial comment in the wake of the President's archived record to the contrary. The Secretary dismissed the question saying "it's not a yes-or-no answer" and refused to answer.

government in addressing clean air regulation commitments. Pruitt also noted that he started bilateral discussions with his environmental ministry counterparts in the G7 “with respect to our continued leadership” on carbon dioxide reduction while in Italy earlier in the week.

However, several subcommittee members did complain about federal disengagement from environmental protection, saying that the proposed budget would, in fact, “leave states holding the bag” when the agency’s regional environmental programs are eliminated. These regional programs

Ranking Member Patty Murray (D-WA) expressed her concerns with Secretary DeVos' "extreme ideological intent" to privatize public education, citing the financial conflicts of interest that came up during her confirmation hearing earlier in the year. Senator Murray summed up her thoughts on the budget by stating, "I believe this budget would be devastating for our students...all across the country."

Chairman of the Full Committee Thad Cochran (R-MS) and Vice-Chairman of the Full Committee Patrick Leahy (D-VT) were also in attendance, and in his opening remarks Senator Leahy articulated that the proposal displayed a "fundamental lack of understanding" of the role of the government, and that the entire proposal could be summed up as "abysmal." Senator Leahy also noted that the cut of nearly \$4 billion from the Pell Grant program would keep students from attending college.

The FY 2018 status of Pell was approached from multiple angles by the committee, beginning with Chairman Blunt's praise for the year-round Pell initiative, which was echoed by Secretary DeVos, who stated that the implementation of year-round Pell would give non-traditional students the flexibility to set their own pace for their education. When asked whether Congress would have maximum flexibility in terms of implementation capabilities for year-round Pell, Secretary DeVos also confirmed that the Department of Education would "honor Congress in recognizing and allowing maximum flexibility" in that regard.

However, Senator Jeff Merkley (D-OR) questioned whether it would be harder for students to pay for college even with Pell grants, given that the grant proposal doesn't keep pace with the cost inflation of public schools. To this, Secretary DeVos cla



## House passes bill to strengthen career and technical education

The House passed the *Strengthening Career and Technical Education for the 21<sup>st</sup> Century Act* ([H.R. 2353](#)) June 22, a bipartisan bill that aims to help more Americans —

gears and will develop another approach called the “Next Generation Researchers Initiative” to focus on early and mid-career investigators.

NIH plans to continue analysis on systems to evaluate faculty productivity and time commitments, which will be reviewed by the NIH Advisory Committee to the Director and informed by stakeholder input. The links below provide an explanatory statement by NIH Director Francis Collins and information on the Next Generation Researchers Initiative.

[NIH Director's Statement](#)

[Next Generation Researchers Ini](#)

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

**Program:** USDA-AMS-TM-SCMP-G-17-0005

**Description:** The Agricultural Marketing Service (AMS) announces the availability of approximately \$7 million in competitive grant funds to solely enhance the competitiveness of specialty crops through collaborative, multi-state projects that address the following regional or national level (A)1 2; lev (A)1 2T2in( (15 T2is)4 (t (f)-8 ( s)14:nt)2 ( )10 (f)-8 (o)10od ( s)14a( )1 culingflriculturn Sett ar-gnorpn1tnfmiprojcts t (1t)2 b (r)7 (i)6 (ng)10 n- tpetur multi cresssttopri (d(g)10 ad(g)10d( r)7 ( 4.9 (s)4 ( t)12 (he )10ne ng)10d(g)10[(s)4 ( o)10 (f)-8 ( 4-3

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**Due Date:** 9/25/2017

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

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294643>

**Agency:** DOS-DRL  
Bureau of Democracy Human Rights and Labor

**Program:** Bureau of Democracy, Human Rights and Labor (DRL) Notice of Funding Opportunity (NOFO): Combatting Gender Based Violence in Tunisia

**Description:** The U.S. Department of State Bureau of Democracy, Human Rights and Labor (DRL) announces an open competition for organizations interested in submitting applications for projects that help prevent and address gender-based violence in Tunisia. DRL seeks to enhance the ability of Tunisian government and civil society stakeholders to combat gender-based violence (GBV) by supporting advocacy efforts for improved legal protection, ensuring victim-sensitive implementation of GBV legislation, increasing rights and GBV awareness, and developing effective reporting and service-provision mechanisms.

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

**Funding:** See Announcement

**Awards:** 8scn Td ( )1o1 (V)1 ( n04 Tw -1aApj /T:ounc)//w0.s n04 Tw -1aApj /T:ouncntene

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**Description:** The mission of the Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is to identify and pursue high-risk, high-payoff research initiatives across a broad spectrum of science and engineering disciplines and to transform these initiatives into disruptive technologies for U.S. national security. In support of this mission, the DSO Office-wide BAA invites proposers to submit innovative basic or applied research concepts that explore Physical and Natural Systems, Human-Machine and Social Systems, and/or Math and Computational Systems through the lens of one or more of the following technical domains: Complexity Engineering, Science of Design, Noosphere, Fundamental Limits, and New Foundations. Proposals must investigate innovative approaches that enable revolutionary advances. DSO is explicitly not interested in approaches or technologies that primarily result in evolutionary improvements to the existing state of practice.

**Due Date:** 6/11/2018

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294598>

**Agency:** DOD-DARPA-DSO  
DARPA - Defense Sciences Office

**Program:** Topological Excitations in Electronics

**Description:** The Defense Sciences Office at the Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals exploring approaches to exploit topological excitations in electronics. The program aims to explore topological excitations that have recently been engineered in solid-state systems that have the potential to overcome fundamental limits faced by present electronic memory, digital logic, sensors and quantum bits (qubits) as well as other potential applications.

**Due Date:** 8/16/2017

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294551>

**Agency:** DOD-DARPA-TTO  
DARPA - Tactical Technology Office

**Program:** Innovative Systems for Military Missions

**Description:** The Tactical Technology Office of the Defense Advanced Research Projects Agency is soliciting executive summaries, white papers and proposals for advanced research, development and demonstration of innovative systems for military missions.

**Due Date:** 6/12/2018

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294585>

**Agency:** DOT  
Department of Transportation

**Program:** UTC Program 2017 Grant Solicitation for Centers in Federal Regions 1, 2, 3

**Description:** University Transportation Centers Program

**Due Date:** 8/18/2017

**Funding:** See Announcement

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294590>

**Agency:** DOD-AMRAA  
Dept. of the Army -- USAMRAA

**Program:** DoD Parkinson's Research Program, Early Investigator Research Award

**Description:** The PRP Early Investigator Research Award supports Parkinson's disease-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor. The Early Investigator is considered the Principal Investigator (PI) of the application and must exhibit strong potential for, and commitment to, pursuing a career as an investigator at the forefront of Parkinson's disease research; however, the PI is not required to have previous Parkinson's disease research experience. Clinical fellows applying to the PRP EIRA mechanism should be specializing in movement disorders. Applications must include at least one Mentor, appropriate to the proposed research project, who has experience in Parkinson's disease research and mentoring as demonstrated by a record of active funding, recent publications, and successful mentorship. The selected Mentor(s) should also demonstrate a clear commitment to the development of the PI toward independence as a Parkinson's disease researcher.

**Due Date:** 8/31/2017

**Funding:** \$1,600,000

**Funding:** \$12,500,000

**Awards:**

**Agency:** DOD-AMRAA  
Dept. of the Army -- USAMRAA

**Program:** DoD Spinal Cord Injury Research Program, Qualitative Research Award

**Description:** The intent of the Qualitative Research Award is to support qualitative research studies that will help researchers and clinicians better understand the experiences of individuals with SCI and thereby identify the most effective path(s) for adjusting to disability and/or improving overall quality of life, health, and functional status after SCI. This mechanism is specifically focused on military and Veteran populations in the years after SCI, examining the issues, barriers, and promoters of success for Service members during the transition from initial injury and acute care through rehabilitation and community reintegration; therefore, collaboration with military and VA researchers and clinicians is encouraged. Factors that may affect the rehabilitation and reintegration of spinal cord-injured Service members include, but are not limited to, age, gender, ethnicity, family members/caregivers, psychological health, severity of injury, type of medical care (e.g., civilian, VA, or military facility), and co-morbid conditions. A key feature of the QRA is the inclusion of military and/or Veteran populations in the years after SCI. Applicants should clearly describe how their study design, including recruitment strategies and access to appropriate populations, as applicable, will enable them to meet this intent.

**Due Date:** 11/29/2017

**Funding:** \$2,400,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294417>

**Agency:** DOD-AMRAA  
Dept. of the Army -- USAMRAA

**Program:** DoD Neurofibromatosis Research Program, Exploration-Hypothesis Development Award

**Description:** The NFRP Exploration – Hypothesis Development Award supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in NF research. Studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design. The presentation of preliminary and/or published data is encouraged, but not required. The proposed research project should be innovative. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. Research that is an incremental advance upon published data is not considered innovative and is not consistent with the intent of this award mechanism. It is the responsibility of the Principal Investigator (PI) to clearly and explicitly articulate how the proposed research project is innovative in the field of NF.

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

**Funding:** \$640,000

**Awards:** 4

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294435>





**Agency:** NARA  
National Archives and Records Administration

**Program:** Archives Leadership Institute

**Description:** The Commission seeks proposals from organizations to continue the Archives Leadership Institute, which it first funded in 2008. The Archives Leadership Institute seeks to build the capacity of attendees as leaders both in their own institutions and in the archives field. The NHPRC envisions a minimum of a one-week program that will tailor contemporary best practices in leadership skills to issues specific to archives professionals. The grantee will be responsible for all project phases, from curriculum design and development through administering the program for the attendees it selects. Topics for the Institute may include issues in technology, economics, public policy, and constituent relations, along with practical questions of administration, strategic planning, leading change, and fund raising. In addition, there should be opportunities for participants to develop solutions to the specific needs of their institutions.

**Due Date:** 12/7/2017

**Funding:** \$250,000

**Awards:** 1

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294572>

**Agency:** NARA  
National Archives and Records Administration

**Program:** Public Engagement with Historical Records

**Description:** The National Historical Publications and Records Commission seeks projects that encourage public engagement with historical records, including the development of new tools that enable people to engage online. The NHPRC is looking for projects that create models and technologies that other institutions can freely adopt. In general, collaborations between archivists, documentary editors, historians, educators, and/or community-based individuals are more likely to create a competitive proposal. Projects that focus on innovative methods to introduce primary source materials and how to use them in multiple locations also are more likely to create a competitive proposal. Projects might create and develop programs to engage people in the study and use of historical records for institutional, educational or personal reasons.

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

**Funding:** \$275,000

**Awards:** 3

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294520>

**Agency:** NEH  
National Endowment for the Humanities

**Program:** Humanities Open Book Program

**Description:**

flexibility to anticipate, conduct research on, and quickly address a range of cutting edge ethical, legal, and social issues related to genetics and genomics. The Program is intended to create new research opportunities that cross disciplinary boundaries among investigators in diverse fields, such as the genomic sciences, clinical research, clinical and health policy, ethics, law, the humanities, economics, political science, anthropology and other social sciences. In addition to conducting trans-disciplinary research, Centers will disseminate their research findings as well as facilitate the use of their findings to develop relevant research, health and public policies and practices. Finally, Centers will contribute to developing the next generation of ELSI researchers.

**Due Date:** 10/31/2017

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

**Awards:** 2

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=295032>

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

**Program:** NEI Center Core Grant for Vision Research (P30)

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view->

**Description:** This Funding Opportunity Announcement (FOA) encourages grant applications for the conduct of innovative, collaborative research projects between U.S. and low- and middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs (including neurological, mental, behavioral, alcohol and substance use disorders and spanning the full range of science from basic to implementation research). Scientists in upper middle-income LMICs (UMICs) are also eligible to partner directly with scientists at other LMIC institutions with or without out a US partner. Income categories are defined by the World Bank at <http://data.worldbank.org/about/country-classifications/country-and-lending-groups>.

**Due Date:** 11/7/2019

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294618>

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

**Program:** Cellular and Molecular Biology of Complex Brain Disorders (R21)

**Description:** This Funding Opportunity Announcement (FOA) encourages research grant applications directed toward the discovery of the impact of alterations associated with complex brain disorders on the fundamental cellular and molecular substrates of neuronal function. The present announcement seeks R21 applications.

**Due Date:** 9/7/2020

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294576>

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

**Program:** HIV/HCV Co-Infections in Substance Abusers (R01)

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to fill gaps in our understanding of (a) the impact of substance abuse on HIV, HIV/HCV co-infection associated disease progression, (b) the pathogenic interactions between HIV and hepatitis C virus, (c) hepatic and non-hepatic co-morbidities associated with HIV/H01)

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294580>

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

**Program:** Administrative Supplements for Research on Dietary Supplements (Admin Supp)

**Description:** This Funding Opportunity Announcement announces the availability of administrative supplements to support research in which the supplemental funding would investigate the role of dietary supplements and/or their ingredients in health maintenance and disease prevention. Parent awards need not be focused on dietary supplements; this FOA may provide support to include dietary supplements within the scope of relevant research projects. Research interests of ODS are not limited to specific health conditions, organ systems or population groups. ODS supports all types of research, including pre-clinical, clinical, behavioral, and epidemiological. Additionally, ODS supports research and training programs that build future research capacity for studying the role of dietary supplements in health and disease prevention. Primary consideration for support will be given to applications that stimulate dietary supplement research where it is lacking or lagging, clarify gaps, opportunities and balance between benefits and risks where data are in conflict, target special population groups where additional science on dietary supplements is needed, and focus on the use of dietary supplements in improving or maintaining health and reducing the risk of chronic disease. This FOA will not support new clinical trials.

**Due Date:** 4/15/2018

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294471>

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

**Program:** NSF Publication 17-565

**Description:** The purpose of this FOA issued by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), NIH is to announce the re-competition of the Reproductive Scientist Development Program (RSDP). This program constitutes a national network of mentors and scholars, in contrast to K12 programs that are based solely at a single applicant institution. The purpose of the RSDP is to provide career development support for obstetricians and gynecologists who have completed their clinical training, and who are committed to a career conducting basic science research in an academic setting. The overall goal of the Program is to strengthen the field of obstetrics and gynecology by encouraging the application of contemporary science advances to clinical practice and facilitating the transition to independence of physician-scientists in areas related to obstetrics and gynecology and its subspecialties.

**Due Date:** 10/30/2017

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

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294450>

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

**Program:** Imaging the Persistent HIV Reservoir (R01)

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to support the development of imaging approaches to identify and characterize persistent HIV reservoirs in patients undergoing suppressive antiretroviral therapy (ART) and to quantify the nature and size of these reservoirs in response to therapeutic interventions

**Due Date:** 5/7/2020

**Funding:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294418>

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

**Program:** Socioeconomic Disparities in Health and Mortality at Older Ages (R01)

**Description:** The purpose of this funding opportunity announcement (FOA) is to support studies that identify mechanisms, explanations, and modifiable risk factors underlying recent trends of growing inequalities in morbidity and mortality by income, education, and geographic location at older ages in the United States.

**Due Date:** 10/20/2017

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

**Awards:** See Announcement

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294186>

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

**Program:** Partnerships for the Development of Vaccines and Immunophylactics Targeting Multiple Antimicrobial-Resistant Bacteria (R01)

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to support milestone-driven projects focused on discovery, establishment of proof-of-concept for, and/or preclinical development of, lead candidate vaccines or immunophylactics that target multiple antimicrobial-resistant Gram-negative bacterial pathogens prevalent in nosocomial infections: carbapenem-resistant Enterobacteriaceae (CRE), multidrug-resistant (MDR) Acinetobacter and MDR Pseudomonas aeruginosa.

**Due Date:** 10/4/2017

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

**Awards:** See Announcement

**Website:**



**Agency:** NSF  
National Science Foundation

**Program:** Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences

**Description:** The Division of Mathematical Sciences (DMS) in the Directorate for Mathematical and Physical Sciences (MPS) at the National Science Foundation and the National Institute of General Medical Sciences at the National Institutes of Health plan to support research in mathematics and statistics on questions in the biological and biomedical sciences. Both agencies recognize the need for promoting research at the interface between the mathematical sciences and the life sciences. This program is designed to encourage new collaborations, as well as to support existing ones.

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

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

**Awards:** 20

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294827>

**Agency:** NSF  
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

geographic distributions and interactions of human, physical, and biotic systems on Earth.

**Due Date:** 9/7/2017

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

**Awards:** 40

**Website:** <https://www.grants.gov/view-opportunity.html?oppld=294460>

**Agency:** NSF  
National Science Foundation

**Program:** Innovative Technology Experiences for Students and Teachers  
National Science Foundation

**Description:** As the nation continues to expand the horizon of opportunities and possibilities through advances in science, technology, engineering and mathematics (STEM), the need for a more diverse and well-prepared STEM workforce is also expanding [1]. The challenge of preparing citizens for the expanding workforce and the changing workplace environments calls for new innovations in STEM education [2]. ITEST is a research and development program that supports projects to promote PreK-12 student interests and capacities to participate in the STEM and information and communications technology (ICT) workforce of the future. The ITEST program supports research on the design, development, implementation, and selective spread of innovative strategies for engaging students in technology-rich experiences that: (1) increase student awareness of STEM occupations; (2) motivate students to pursue appropriate education pathways to STEM occupations; or (3) develop disciplinary-based knowledge and practices, or promote critical thinking, reasoning skills, or communication skills needed for entering STEM workforce sectors. ITEST projects may adopt an interdisciplinary focus that includes multiple STEM disciplines, focus on a single discipline, or focus on one or more sub-disciplines. The ITEST program supports projects that provide evidence for factors, instructional designs, and practices in formal and informal learning environments that broaden participation of students from underrepresented groups.

American STEM doctorate recipients from 2008-2012 are HBCUs.[1] In 2012, 8.5% of black undergraduates attended HBCUs,[2] and HBCUs awarded 16.7% of the bachelor's degrees and 17.8% of the S&E bachelor's degrees to black students that year.[1] To meet the nation's accelerating demands for STEM talent, more rapid gains in achievement and successful degree completion in STEM for underrepresented minority populations are needed. The Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) is committed to enhancing the quality of undergraduate STEM education and research at HBCUs as a means to broaden participation in the nation's STEM workforce. To this end, HBCU-UP provides awards to develop, implement, and study evidence-based innovative models and approaches for improving the preparation and success of HBCU undergraduate students so that they may pursue STEM graduate programs and/or careers. Support is available for Targeted Infusion Projects, Broadening Participation Research Projects, Research Initiation Awards, Implementation Projects, Achieving Competitive Excellence Implementation Projects, and Broadening Participation Research Centers; as well as other funding opportunities.

**Due Date:** See Announcement

**Funding:** See Announcement

**Website:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5481&WT.mc\\_id=USNSF\\_39&WT.mc\\_ev=click](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5481&WT.mc_id=USNSF_39&WT.mc_ev=click)

**Agency:** NSF  
National Science Foundation

**Program:** Geography and Spatial Sciences Program- Doctoral Dissertation Research Improvement Awards

**Description**

**Program:**

support if they offer promise of enhancing fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns.

**Due Date:**

