

THE STATE UNIVERSITY SYSTEM OF FLORIDA

## WASHINGTON E-UPDATE

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***Budget and Appropriations Update*** -- As lawmakers left town for a weeklong Memorial Day recess, disputes were already threatening to derail the appropriations process in the months ahead.

Those hurdles can be traced back to 2011, when reducing the nation's rapidly expanding debt was seen as the top priority. In response, Congress passed the Budget Control Act, setting tight spending ceilings on discretionary programs for the next decade. Now those spending ceilings have become unpopular with lawmakers from both parties.

For their part, congressional Democrats have promised to vote *en bloc* against any spending bills this year that comply with the spending caps currently in place—a strategy that served them well when it forced the so-called Ryan-Murray budget deal in 2013, which brought some relief from the threat of across-the-board sequestration cuts.

But Democrats are not alone. Pressure to break the caps is coming from Republicans as well. GOP lawmakers are pushing for spending relief for defense, homeland security and foreign operations, where they say current spending limits leave them no wiggle room to meet pressing national needs. Others argue that there is simply not enough money to fund law enforcement at a time when the nation faces a string of police-violence cases.

Thus far, the House has passed three appropriations bills that comply with the statutory spending limit of \$1.017 trillion. However, the relatively anemic vote tallies for two bills that typically enjoy broad support — Military Construction-Veterans, and Energy and Water — is a sign of trouble ahead. Passage of bills will get exponentially more difficult when the time comes to vote on spending bills that are traditionally more contentious, like Labor, Health and Human Services and Education. House GOP leaders will be hard-pressed to come up with the 218 votes necessary to pass those appropriations bills.

The task will be even more difficult in the Senate, where Democrats have threatened to block calling up spending bills for a vote unless current spending caps are lifted.

At the moment, all signs seem to point to a logjam near the end of the year, followed by some sort of budget deal that lifts the caps by finding offsetting savings elsewhere.

## **Congress passes budget resolution**

With Republicans controlling majorities in both chambers, Congress adopted a Budget Resolution (S Con Res 11) for the first time since 2009 when the Senate completed passage May 5 by a vote of 51-48 on the plan passed earlier in the House.

The budget plan is a non-binding document that does not require Presidential signature but is used to set spending limits for appropriations committees in both chambers. For Fiscal 2016 the bill is written to the level of \$1.017 trillion as set in the Budget Control Act and guaranteed by sequestration if spending exceeds that amount. Defense spending would receive \$523 billion and \$493.5 billion would go for non-defense domestic accounts.

The resolution also contains “reconciliation instructions” directing certain committees that handle taxes and health care to develop legislation repealing all or part of the Affordable Care Act and report it to the relevant Budget Committee by July 24. From there, legislation would receive an expedited process requiring only a simple majority in the Senate, rather than 60 votes as normally required. Any such bill passed would need the President’s signature, an unlikely occurrence.

## **Fiscal 2016 science agency appropriations bill approved by committee**

The House Appropriations Committee approved its draft fiscal year 2016 Commerce, Justice, Science Appropriations bill May 20. The legislation funds the Department of Commerce, the Department of Justice, NASA, the NSF, NOAA and NIST along with other agencies. To read the bill [click here](#). To read the report, [click here](#).

The legislation contains \$51.4 billion in total discretionary funding, an increase of \$1.3 billion over fiscal year 2015 and \$661 million below the President’s request for these programs. The bill prioritizes funding for law enforcement, national security, science, and space exploration programs.

**National Science Foundation (NSF)** –the agency would receive a slight, 0.7 percent increase of \$50 million to \$7.4 billion for Fiscal 2016. The report carries language requiring that 70 percent of NSF’s research budget be earmarked to specific directorates with the net effect of reducing funding for the Social, Behavioral and Economic, and Geosciences Directorates.

**National Aeronautics and Space Administration (NASA)** – NASA is funded at \$18.5 billion, \$519 million above the 2015 level. This funding includes:

- \$4.8 billion for Exploration – \$403 million above the fiscal year 2015 enacted level. This includes funding to continue the development of the Orion Multi-Purpose Crew Vehicle and Space Launch System flight program, and to continue progress in the commercial crew program.

- \$5.2 billion for NASA Science programs – \$7 million below the 2015 enacted level. This includes funding above the President’s request for planetary science to ensure the continuation of critical research and development programs.

***National Oceanic and Atmospheric Administration (NOAA)*** – The legislation contains \$5.2 billion, which is \$274 million below the current funding. Within this total, the National Weather Service is funded at \$968 million – \$4 million above the President’s request. The bill also includes full funding for the continuation of the current Joint Polar Satellite System weather satellite program and the Geostationary Operational Environmental Satellite program to help maintain and improve weather forecasting.

***National Institute of Standards and Technology (NIST)*** – NIST is funded at \$855 million in the bill, which is \$9 million below fiscal 2015. Within this total, important core research activities are funded at \$675 million to help advance U.S. competitiveness, innovation, and economic growth, and to improve cyber security, according to the Committee.

## **21<sup>st</sup> Century Cures bill advanced by House committee**

After a year of development and a series of discussion drafts, the House Energy and Commerce Committee unanimously passed the 21<sup>st</sup> Century Cures bill, H.R. 6, May 21 setting the stage for taking the bill to the House floor in June.

The bill picked up momentum once Committee leaders negotiated a package of provisions to pay for the \$13 billion cost of the legislation. The spending offsets involve selling off some overage in the strategic petroleum reserves, better timing of payments to Medicare Part D prescriptions drug sponsors, and limiting durable medical equipment reimbursement rates in Medicaid.

The bill would provide \$10 billion in extra funding for the National Institutes of Health over the next five years, and \$550 million to the FDA, both through an Innovation Fund supplied by mandatory, or automatic, funding by the government. The regular authorization for the NIH would also be raised in the bill.

The bill is organized in three basic titles: Discovery (NIH), Development (FDA) and Delivery (CMS). Language was added dealing with interoperability of electronic health record systems and federal incentives for their use by providers.

The Senate has been developing its version of a companion bill but the process is moving much slower because of other legislative priorities by the lead committee.

To read the bill or other related materials visit:

<http://energycommerce.house.gov/markup/full-committee-vote-21st-century-cures-act>

## House approves America COMPETES reauthorization

Despite near universal opposition from the nation's science and higher education organizations, the House completed action May 20 approving a new America Competes Reauthorization Act (HR 1806). The bill passed 217 to 205.

As in the last Congress, the bill sparked controversy by again setting specific authorization levels for each of the seven research directorates at NSF. The bill increases funding for several directorates, but cuts deeply (43%) into the funding levels for the Social, Behavioral and Economic (SBE) Sciences as well as the Geosciences and Education Directorates.

Biology, computing, engineering, and math and physical sciences would receive a collective boost of \$100 million. Education would lose \$100 million, geosciences \$165 million and social and behavioral sciences would lose \$140 million if this language is enacted.

Under the bill, authorization levels overall would grow by 4 percent at NSF, 8 percent at NIST and 5 percent at the Energy Department Office of Science. However, those gains would be offset by cuts to the Office of Energy Efficiency and Renewable Energy at DOE. To read the bill, [click here](#).

## Sen. Nelson introduces bill to increase GME residency slots

A new bill to increase the number of Graduate Medical Education residency slots under Medicare was introduced April 30 by Florida Senator Bill Nelson with co sponsors Senator Charles Schumer (D-N.Y.) and Senate Minority Leader Harry Reid (D-Nev.) A similar, but not identical, bill was introduced the same day in the House by Representatives Joseph Crowley (D-N.Y) and Charles Boustany, Jr., M.D. (R-La.).

Based on legislation introduced in the previous Congress, the new Resident Physician Shortage Reduction Act of 2015 ([S. 1148](#) and H.R. 2124) would:

- Increase the number of Medicare supported residency positions nationally by 3,000 annually over 2017-2021 years (15,000 total);
- Require half of all available slots be used to train residents in a shortage specialty residency programs;
- Direct the National Health Care Workforce Commission to study the physician workforce;
- Require a Government Accountability Office study on strategies for increasing health professional workforce diversity; and
- Specify the process for distributing positions – including priority for hospitals:
  - In states with new medical schools or new branch campuses;
  - Affiliated with Veterans Affairs medical centers;
  - Emphasizing training in community-based settings or in hospital outpatient departments; and

- Determined as electronic health record (EHR) meaningful users.

## **Education department announces \$60 million “First in the World” grant competition**

The Fiscal 2015 competitive round for the [First in the World \(FITW\)](#) program was announced May 8 by the Education Department, making \$60 million in new funds available for the second year of the new activity.

The program is intended to improve postsecondary education attainment through the development and testing of innovative approaches related to increasing college completion, affordability and quality outcomes. Of the \$60 million available this year, the competition has \$16 million set aside for institutions designated as minority-serving institutions.

The deadline for applications is June 26, 2015. All grants will be awarded no later than September 30. Three pre-application webinar sessions on the FY 2015 competition were held in May to provide technical assistance to prospective applicants.

The first \$75 million in grants was awarded in 2014 to 24 colleges and universities. The President’s 2016 budget request to Congress includes a proposal to increase appropriations to \$200 million.

This year’s FITW competition will feature two types of grants:

- Development grants focused on testing innovative practices associated with student success
- Validation grants with more rigorous criteria, intended to confirm the effectiveness of promising practices when implemented more broadly

## **White House tells agencies to reduce Fiscal 2017 budget requests**

In what has become relatively common practice in the years since the Budget Control Act went into effect, the White House Office of Management and Budget has written to federal agencies telling them to reduce their proposed budgets for the next fiscal year by 5 percent.

In a May 1 memo to agency heads, OMB Director Shaun Donovan said that their eventual FY 2017 budget submissions “should reflect a 5 percent reduction below the net discretionary total provided for your agency for FY 2017 in the FY 2016 Budget...This reduction applies equally to defense (budget function 050) and non-defense programs...” The only exceptions are for agencies directed by the White House to prepare a budget at a different funding level.

Agencies are advised to look for efficiencies and savings by reducing “fragmentation, overlap and duplication.” The memo says that this budgeting approach will “provide the

President with the options needed to sustain or augment critical investments and support effective programs.” In recent years, similar reductions have been demanded of agencies in preparing their budgets.

## **Education Department proposes regs for the college debit and prepaid marketplace**

The [Department of Education](#) announced proposed regulations May 15 intended to safeguard students from excess college card fees and provide students the freedom to choose how to access their federal student aid funds when paying for college. Read the full release [here](#).

The regulations aims to provide tougher standards and greater transparency surrounding agreements between colleges and companies regarding student access to federal aid funds.

Currently, students do not receive neutral information on their account options when it comes to receiving their tuition reimbursements. Reports from consumer groups and government sources have shown that institutions were requiring students or parents to open certain accounts, which later burdened students with unreasonable account fees.

The regulation would require institutions to give students greater choice about how to receive their student aid and provide more transparency and neutral information for students considering account options.

## **Senate committee working on Higher Education Act reauthorization looking at wider data sharing and loan risk sharing by colleges**

The Senate’s education committee held two more hearings this month preparing for the reauthorization of the [Higher Education Act](#).

On May 6 the panel session emphasized the “the role of consumer information in college choice.” To watch the full briefing, [click here](#).

Lawmakers on both sides of the aisle are aiming to produce a bill this fall and plan include provisions to open up access to information that could help students, researchers, Congress and others in making decisions about aid programs.

The Education Department’s division of Federal Student Aid keeps a database that shines light on various pieces of information, including the number of delinquent borrowers, how student loan delinquency varies based on debt level and program type, and which schools’ graduates are more successful at repaying debt on time.

Sen. Elizabeth Warren (D-MA) introduced an amendment last year to force a greater sharing of such information, but withdrew it in hopes that the issue would be addressed in the Higher Ed reauthorization.

Proponents of data sharing say the information is vital for students to better inform their college choices. However, opponents argue that there are privacy concerns when it comes to opening up the data, especially if it is used in an individual tracking system.

For more information on the Higher Ed reauthorization, read the [committee release](#) on the recent Senate hearing.

Other topics to be considered in the upcoming 2015 bill include:

- Enrollment rise in “non-traditional” students, such as adults returning to college following the Great Recession and veterans of the Iraq and Afghanistan conflicts using post-9/11 GI benefits
- Creating a federal-state partnership to increase investment in higher education
- Overhauling existing income-based repayment options for student loans and returning to offering Pell Grants year-round
- FAST Act, which includes reducing the FAFSA form to two questions to simplify the process and reduce borrowing

### ***Student loan risk sharing***

A May 20 committee hearing, “Exploring Institutional Risk-sharing,” focused on the question of whether colleges should share in the risk of student loans and defaults as a way to reduce over borrowing and college costs.

Committee Chairman Lamar Alexander (R-TN) said having “skin in the game” would encourage colleges to help students reduce borrowing behavior.

“What might colleges do with this incentive? For example, colleges might encourage students to complete their education more quickly,” Alexander said. “Today nearly half of college students take longer than 6 years to complete any degree or certificate or never finish one at all. Completion is important – according to the Department of Education, nearly 70% of those borrowers who default on their federal student loan never finished their education.” To view the hearing, click [here](#).

## **HELP Committee announces HEA reauthorization working groups**

The upcoming ninth reauthorization of the Higher Education Act has the Senate education committee exploring innovative ways to best prepare to write the bill. HELP Committee Chairman Lamar Alexander (R-TN.) and Ranking Member Patty Murray (D-WA) announced that full committee staff groups would begin examining the following topics:

- Accountability
- Accreditation

- College Affordability and Financial Aid
- Campus Sexual Assault and Safety

## **Sen. Rubio and cosponsors introduce “Student Right to Know Before You Go” bill**

Senators Marco Rubio (R-FL), Ron Wyden (D-OR) and Mark Warner (D-VA) introduced “The Student Right to Know Before You Go Act” (S. 1195) on May 5. The legislation is designed to help provide college-bound students with the tools to better understand how long it will take them to complete their education, what their likelihood of completion is, how far their education will take them after graduation and at what costs.

S.1195 is designed to make sure that students and their families have the ability to make better informed decisions by having access to: post-graduation average annual earning, rates of remedial enrollment, credit accumulation and graduation, average cost of the program and average debt accumulated, the effects of remedial education and financial aid on credential attainment.

The sponsors believe that the current method for reporting this information makes it difficult to see which bends in the education system tend to improve or worsen student outcomes and make it almost impossible to match student records to benchmarks such as employment and earnings data. Under the bill, this information would be made available online in an easily accessible format. The proposal would require higher education institutions to do the following:

- Replace their existing IPED reporting requirements with state-based and individual-level system which excludes any personally identifiable data
- Require the new data systems to match individual transcript data to post graduation employment and earnings results
- Reduce the reporting burden for higher education institutions that are required to report to both IPEDS and state systems
- Empower state data systems by making the current federal Statewide Longitudinal Data Systems investments an even better value
- Create a data system that has the potential for policy analysis, research and reporting, that contains no personally identifiable data.

To view the bill text click [here](#).

## **DoD Rapid Innovation Fund open for proposals**

A new \$225 million Broad Agency Announcement has been released by the Defense Department under the Rapid Innovation Fund with applications due June 15.



Universities are eligible for the Fund, which was set up by Congress as legislative earmarks were phased out in an effort to provide competitive funding for pilot projects in a wide range of applications and areas.

All DoD agencies are participating and eligible topic areas include aspects of cybersecurity, weather computational technologies, smart logistics, sensor development, social media and bioinformatics, genomic sequencing, manufacturing innovation and much more. The application process involves providing a “White Paper” to be followed by invited full proposals if selected. See the links for complete instructions:

<http://www.defenseinnovationmarketplace.mil/rif.html>

[https://www.fbo.gov/index?s=opportunity&mode=form&id=cd85175835c504efe2f3a85a3ebba525&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=cd85175835c504efe2f3a85a3ebba525&tab=core&_cview=0)

## **National Science Board report focuses on a STEM-capable U.S. workforce**

As science and technology continues to touch many corners of the economy, the consensus definition of the STEM workforce remains elusive. In its *Revisiting the STEM Workforce, A Companion to Science & Engineering Indicators 2014* report, the [National Science Board \(NSB\)](#) addressed several potential talking points for government, education and business leaders on how to create a STEM-capable workforce that adapts to the demands of a globally competitive, knowledge-and technology-intensive economy. Read the full report [here](#).

The definition of a “STEM worker” is now more expansive than when the [National Science Foundation](#) was founded in 1950. Revisiting the definition was a major theme in the NSB report, with contributors contending that the STEM workforce is actually a complex aggregate of “sub-workforces.” When delving deep into the various sub-workforces, the Board found that career pathways are far from linear for individuals with STEM knowledge and skills. In simple words, a STEM degree does not always lead into a STEM job.

## **Report shows minorities and poor college students harbor the most student debt**

A new report May 19 by the think tank group, [Demos](#), examines the burden of student debt for minorities and low-income students. “The Debt Divide: The Racial and Class Bias Behind the “New Normal” of Student Borrowing,” can be read [here](#).

Among the findings: in public universities, four out of five black graduates take out loans compared to less than two-thirds of white graduates who borrow.

The study found that black and low-income borrowers are more likely to drop out of college –39 percent of students who run the risk of leaving college early are African Americans. On the other hand, Pell Grant students who are able to stick it out have to borrow at far higher rates and higher amounts than their middle- and upper- income classmates do.

The report found that 68 percent of public colleges provide scholarship to students who do not need financial aid. The group writes that to the detriment of low-income and minority students, there is a trend among public colleges to distribute scholarship funds to high-achieving, affluent, out-of-state students to boost the college's national rankings.

Beyond just race and socioeconomic status, the study found that Americans with student debt have to delay home and auto purchase, which only slows economic growth. However, the impact of student debt hits black and Latino households harder as traditional ladders of economic opportunity are just not available to them like they are to more affluent, white households.

## Highlights of competitive grant opportunities at federal agencies

**Agency:** Agency for International Development

**Program:** The Feed the Future Ebola Recovery Partnership in West Africa

**Description:** The Rehabilitation Long-Term Training program provides financial assistance for— (1) Projects that provide basic or advanced training leading to an academic degree in areas of personnel shortages in rehabilitation as identified by the Secretary; (2) Projects that provide a specified series of courses or program of study leading to the award of a certificate in areas of personnel shortages in rehabilitation as identified by the Secretary; and (3) Projects that provide support for medical residents enrolled in residency training programs in the specialty of physical medicine and rehabilitation.

**Due Date:** November 6, 2015

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppId=276678>

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

**Program:** Research Interests of the Air Force Office of Scientific Research

**Description:** AFOSR plans, coordinates, and executes the Air Force Research Laboratory's (AFRL) basic research program in response to technical guidance from AFRL and requirements of the Air Force. Additionally, the

office fosters, supports, and conducts research within Air Force, university, and industry laboratories; and ensures transition of research results to support U.S. Air Force needs. The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in two scientific Departments: Engineering and Information Science and Physical and Biological Sciences. The research activities managed within each Department are summarized in this section.

**Due Date:** See announcement

**Funding:** Award Ceiling: \$80,000,000; Award Floor: \$3,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276388>

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

**Program:** DoD Lung Cancer Concept Award

**Description:** The Concept Award supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to lung cancer. The Concept Award is not intended to support an incremental progression of an already established research project but, instead, allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations. This award mechanism supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of lung cancer or develop an innovative and novel course of investigation. Submissions from and partnerships with investigators at military treatment facilities, military labs, and Department of Veterans Affairs (VA) medical centers and research laboratories are strongly encouraged.

**Due Date:** August 11, 2015

**Funding:** \$2,080,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276815>

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

**Program:** DoD FY15 Vision Prosthesis Pilot Study Award

**Description:** The goal of the FY15 VPPSA is to fund projects exploring novel technologies that will contribute to the development of a working visual prosthesis prototype for individuals who have sustained functional or

structural enucleation. Examples of enucleation are severe macular degeneration (functional) and traumatic injury (structural). Development of a visual prosthesis addresses the identified CRMRP gap of inadequate vision restoration options for Wounded Warriors, their dependents, and the public. Specifically, the VPPSA supports the exploration of highly innovative, potentially high-gain concepts, theories, paradigms, and/or methods that address an important problem in the development of a visual prosthesis. Results of studies conducted through this award should inform the development pathway for a visual prosthesis prototype. For this award, a visual prosthesis prototype is defined as prototype visual prosthesis that (1) provides the ability to navigate for ambulation, identify faces and objects critical to daily life, and read large print and (2) is economically feasible. Applications to the VPPSA should clearly state how the proposed research provides an innovative solution to a critical problem in the development of a prototype visual prosthesis. The VPPSA seeks applications from investigators from a wide spectrum of disciplines including, but not limited to, basic science, engineering, translational research, and clinical research.

**Due Date:** July 22, 2015

**Funding:** \$930,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276765>

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

**Program:** DoD Prostate Cancer Dr. Barbara Terry-Koroma Health Disparity Research Award

**Description:** The Health Disparity Research Award supports new ideas based on innovative concepts or methodologies for health disparity research with the potential to make an important contribution toward eliminating death from prostate cancer and enhancing the well-being of men impacted by the disease. Studies proposed for this award mechanism are expected to improve the understanding of, and ultimately contribute to eliminating disparities in prostate cancer incidence, morbidity, mortality, and survivorship. Applicants for this award must explicitly state how the proposed research is related to an area of prostate cancer health disparity. Appropriate health disparity areas include, but are not limited to, race and ethnicity; socioeconomic status; access to health care; differing standards of health care; insurance status; age; geography; sexual orientation; gender identity; and cultural beliefs. The PCRFP seeks applications from investigators from a wide spectrum of disciplines including, but not limited to, basic science, engineering, bioinformatics, population science, translational research, and clinical research, provided

they are appropriately focused on an issue of prostate cancer health disparity.

**Due Date:** September 24, 2015

**Funding:** \$5,800,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276746>

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

**Program:** DoD Prostate Cancer Idea Development Award

**Description:** The Idea Development Award supports new ideas that represent innovative approaches to prostate cancer research and have the potential to make an important contribution to the PCRCP mission. Due to this award's emphasis on innovation, the presentation of preliminary data relevant to prostate cancer and the proposed project is encouraged but not required. Research deemed innovative may represent a new paradigm, challenge current paradigms, look at existing problems from new perspectives, or exhibit other highly creative qualities. The PCRCP seeks applications from investigators from a wide spectrum of disciplines including, but not limited to, basic science, engineering, bioinformatics, population science, psycho-oncology, translational research, and clinical research. In addition, applicants are expected to address at least one of the PCRCP focus areas and are highly encouraged to address one of the PCRCP overarching challenges. If the proposed project does not address any of the overarching challenges, the application should include a description to justify how the project will nevertheless address a critical need in the field of prostate cancer research and/or patient care.

**Due Date:** September 24, 2015

**Funding:** \$31,700,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276747>

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

**Program:** DoD Prostate Cancer Impact Award

**Description:** The FY15 PCRCP Impact Award encourages applications that support the full spectrum of research projects or ideas that specifically focus on scientific and clinical prostate cancer issues, which, if successfully addressed, have the potential to make a major impact in eliminating death from prostate cancer and enhancing the well-being of men experiencing

the impact of the disease. The critical components of this award mechanism are: Impact: The Impact Award is intended to support research that demonstrates the potential to have a major impact on an area of paramount importance in prostate cancer. It is the responsibility of the Principal Investigator (PI) to clearly and explicitly describe the potential impact on prostate cancer and to convey its level of significance. Applicants are highly encouraged to address one of the PCRCP overarching challenges, and are expected to address at least one of the PCRCP focus areas. If the proposed project does not address any of the overarching challenges, the application should include a description to justify how the project will nevertheless address a critical need in the field of prostate cancer research and/or patient care. The Impact Award is intended to support the full spectrum of research ideas from basic to clinical research. Therefore, the potential impact of the proposed research may be near-term or long-term, but it must be significant and non-incremental. Applications must articulate the pathway to making a clinical impact for individuals with, or at risk for, prostate cancer, even if clinical impact is not an immediate outcome.

**Due Date:** September 24, 2015

**Funding:** \$11,200,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276744>

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

**Program:** DoD Prostate Cancer Exceptional Responders Award

**Description:** This award supports a research effort conducted by leading prostate cancer researchers that specifically focuses on identifying and understanding predictors of disease outcomes in exceptional responders to prostate cancer therapies. Research projects proposed under the ERA can be either discovery or target-driven but must include an in-depth examination of outlier responses to prostate cancer therapy that will lead to significant improvements to the clinical management of prostate cancer. The research project should address overarching issues that have broad implications for the disease and risk management, such as risk factors at the individual level and systems level, treatment, toxicity, and dormancy. The research project should not focus merely on the study of specific molecular pathways or genes, but should be focused on identifying what is unique to exceptional responders, which may include biological, behavioral, or other lifestyle factors.

**Due Date:** September 24, 2015

**Funding:** \$4,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276743>

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

**Program:** DoD Gulf War Illness Clinical Trial Award

**Description:** The Clinical Trial Award supports execution of clinical trials with the potential to have a significant impact on the health and lives of Veterans with GWI. Health outcomes of interest should include improvements in overall functional status or in symptom complexes (e.g., cognitive function, musculoskeletal/pain symptoms, gastrointestinal symptoms, fatigue, respiratory problems, skin abnormalities, sleep difficulties and others) individually and/or as they may interact with each other.

**Due Date:** November 29, 2015

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276595>

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

**Program:** DoD Gulf War Illness Innovative Treatment Evaluation Award

**Description:** The Innovative Treatment Evaluation Award mechanism supports the early systematic evaluation of innovative interventions with the potential to impact the health and lives of Veterans with GWI. The results of preliminary studies funded by this award should have the potential to provide clinical proof-of-principle data and support future development of broader efficacy studies of the proposed interventions. Innovation is an important component of the Innovative Treatment Evaluation Award. An application may demonstrate innovation not only by investigating a novel therapeutic approach for GWI, but also by studying a treatment that may have been utilized for other chronic multisymptom illnesses, but has not yet been studied in Veterans with GWI.

**Due Date:** October 29, 2015

**Funding:** \$3,400,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=247774>

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

**Program:** DoD Neurofibromatosis Clinical Trial Award

**Description:** The NFRP Clinical Trial Award supports research with the potential to have a major impact on the treatment or management of NF. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Proposed projects may range from small proof-of-concept (i.e., pilot, first in human, or Phase 0) trials to demonstrate feasibility or inform the design of more advanced trials, through large-scale trials to determine efficacy in relevant patient populations. Funding from this award mechanism must support a clinical trial and may not be used for preclinical research studies.

**Due Date:** July 27, 2015

**Funding:** \$2,880,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276380>

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

**Program:** DoD Breast Cancer Distinguished Investigator Award

**Description:** The BCRP Distinguished Investigator Award enables established visionary leaders from any field to pursue innovative ideas that could accelerate progress toward ending breast cancer. These individuals should be exceptionally talented researchers who have shown that they are leaders in their field(s) through extraordinary creativity, vision, and productivity. The Principal Investigator (PI) is expected to have a renowned reputation as a researcher who has made groundbreaking contributions to advancing his/her field. He/she should have demonstrated success at forming and leading effective partnerships and collaborations.

**Due Date:** July 28, 2015

**Funding:** \$14,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=274908>

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

**Program:** DoD Prostate Cancer Postdoctoral Training Award

**Description:** The Postdoctoral Training Award supports prostate cancer research training opportunities for recent doctoral graduates. These awards primarily provide salary support for the Principal Investigator (PI); the postdoctoral trainee is considered the PI of the application. The PI must



exhibit strong potential for, and commitment to, pursuing a career as an investigator at the forefront of prostate cancer research; however, the PI is not required to have previous prostate cancer research experience. Applications must include at least one mentor, appropriate to the proposed training and research project, who has experience in prostate cancer research and training as demonstrated by a record of active funding, recent publications, and successful mentorship. The selected mentor(s) should demonstrate a clear commitment to the PI's training and be well qualified to contribute significantly to the development of the PI toward independence as a prostate cancer researcher.

**Due Date:** August 13, 2015

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276741>

**Agency:** Department of Education

**Program:** Office of Postsecondary Education (OPE): First in The World (FITW)  
Program: VALIDATION Grants

**Description:** Validation grants provide funding to support the expansion and replication of projects supported by moderate evidence of effectiveness (as defined in this notice) to a scaled multi-site sample (as defined in this notice), which would include multiple institutions of higher education, including multiple institutions within a State system. All Validation grantees must evaluate the effectiveness of the project at each partner entity. The evaluation design will be assessed on the extent to which it could meet What Works Clearinghouse Evidence Standards (as defined in this notice) without reservations.

**Due Date:** June 30, 2015

**Funding:** \$40,000,000; Award Ceiling: \$10,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276456>

**Agency:** Department of Education

**Program:** Office of Postsecondary Education: First in The World Program:  
Development

**Description:** Development grants will support new or substantially more effective practices for addressing widely shared challenges. The FITW program is designed to support the development, replication, and dissemination of

innovative solutions and evidence for what works in addressing persistent and widespread challenges in postsecondary education for students who are at risk for not persisting in and completing postsecondary programs, including, but not limited to, adult learners, working students, part-time students, students from low-income backgrounds, students of color, students with disabilities, and first-generation students.

**Due Date:** June 30, 2015

**Funding:** \$20,000,000; Award Ceiling: \$3,000,000

**Agency:** Department of Education  
Economic Development Administration

**Program:** The Partnerships for Opportunity and Workforce and Economic Revitalization (POWER) Implementation Grants

**Description:** The POWER Initiative is a new interagency effort to assist communities and workers negatively impacted by changes in the coal industry and power sector. Booming natural gas production, declining costs for renewable energy, increases in energy efficiency, flattening electricity demand, and updated clean air standards are changing the way electricity is generated and used across the country. These industry shifts impact workers and communities who have relied on the coal economy as a source of good jobs and economic prosperity. The goal of the POWER Initiative is to align, leverage, and target complementary federal economic and workforce development resources to assist communities and workers negatively impacted by changes in the coal economy.

**Due Date:** July 10, 2015

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276458>

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

**Program:** New Pathways for Fathers and Families

**Description:** This grant was formerly titled "Responsible Fatherhood: Improving Relationships and Economic Outcomes for Fathers and Families." The Department of Health and Human Services (HHS), Administration for Children and Families, Office of Family Assistance is announcing its intent to competitively award demonstration projects that support activities promoting responsible fatherhood as enacted by the Claims Resolution Act of 2010 (Pub. L. 111-291). The Responsible Fatherhood initiative is designed to help fathers establish or strengthen positive parental interaction by providing activities that develop and improve relationship,

communication and parenting skills, and contribute to the financial well-being of their children by providing job training and other employment services. Responsible Fatherhood activities also help fathers improve relationships with their spouses, significant others, and/or the mothers of their children. ACF is particularly interested in organizations that have the capacity and proven record of accomplishment in helping low-income fathers, and comprehensive fatherhood programs that integrate robust economic stability services, healthy marriage and relationship activities, and activities designed to foster responsible parenting.

**Due Date:** July 7, 2015

**Funding:** \$47,846,875; Award Ceiling: \$2,000,000; Award Floor: \$350,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276480>

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

**Program:** Healthy Marriage and Relationship Education Grants

**Description:** This grant was formerly titled "Healthy Marriage, Relationship Education and Economic Mobility Grants." It was also first titled "Promoting Strategies for Healthy Marriages, Relationships and Economic Self-Sufficiency Outcomes Grants." The Department of Health and Human Services, Administration for Children and Families, Office of Family Assistance is announcing the solicitation of applications to competitively award grants for demonstration projects that support "healthy marriage promotion activities" as enacted by The Claims Resolution Act of 2010 (Pub. L. 111-291). Grants awarded under this Funding Opportunity Announcement will support programs that have the capacity and proven record of accomplishment in providing a broad range of marriage and relationship skills training. To address the multiple barriers faced by individuals, couples, partners, and families, programs will provide healthy marriage and relationship skills designed to change behaviors of individuals and move families towards economic self-sufficiency.

**Due Date:** July 7, 2015

**Funding:** \$53,864,875; Award Ceiling: \$2,000,000; Award Floor: \$350,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276477>

**Agency:** Department of Health and Human Services  
Centers for Disease Control and Prevention

**Program:** Community Health Projects Related to Contamination at Brownfield/Land Reuse Sites

**Description:** The ATSDR Community Health Projects (CHP) Related to Contamination at Brownfield/Land Reuse Sites purpose is to increase responsive public health actions by promoting healthy and safe environments and preventing harmful exposures related to contamination at Brownfield/Land Reuse Sites. Brownfields are defined by the U.S. Environmental Protection Agency (EPA) as "property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant". Land reuse site is any property that is being redeveloped for a different purpose from their former use. EPA estimates that there are over 450,000 Brownfield sites in the United States. Addressing public health concerns and issues associated with restoration of contaminated properties is essential. ATSDR's mission is to serve the public through responsive public health actions to promote healthy and safe environments and prevent harmful exposures. Sites such as Brownfield/Land Reuse sites may have potentially harmful exposures from contamination from previous site uses. Community health projects that address impacts of contamination at Brownfield/Land Reuse sites further ATSDR's public health mission to promote healthy and safe environments and prevent harmful exposures. These projects will have a particular emphasis on identifying health issues prior to redevelopment and/or assessing changes in community health associated with reuse plans and redevelopment.

**Due Date:** June 22, 2015

**Funding:** \$600,000; Ceiling: \$150,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276067>

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

**Program:** Exploratory Clinical Trials of Novel Interventions for Mental Disorders

**Description:** The purpose of this announcement is to support the efficient pilot testing of novel interventions for mental disorders in adults and children through an experimental therapeutics approach. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support go/no-go decisions about further development or testing of the intervention. Studies of novel interventions include, but are not limited to behavioral, pharmacological, biologics-based, cognitive, device-based, interpersonal, physiological, or combined approaches. Support will be provided for up to two years for preliminary milestone-driven testing of the interventions engagement of the therapeutic target, possibly followed by up to 3 years of support for

studies to replicate target engagement and relate change in the intervention target to functional or clinical effects. Ultimately, this R61/R33 FOA is intended to speed the translation of emerging basic science findings of mechanisms and processes underlying mental disorders into novel interventions that can be efficiently tested for their promise in restoring function and reducing symptoms for those living with mental disorders.

**Due Date:** October 14, 2016

**Funding:** \$4,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276787>

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

**Program:** Development of Measures of Fatigability in Older Adults

**Description:** This grant invites applications to develop and evaluate measures of fatigability. Not intended to support the addition of one more instrument to the extensive assortment of existing fatigue measures. Rather, this grant is intended to substantially advance the science of disability measurement through development of a qualitatively different construct -- fatigability -- by addressing the inherent problem of self-pacing that confounds most measures of fatigue.

**Due Date:** October 1, 2015

**Funding:** Total Funding: \$720,000; Award Ceiling: \$200,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276565>

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

**Program:** Provocative Questions (PQ) Initiative; Cancer with an Underlying HIV Infection

**Description:** The purpose of this grant ) is to advance our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS) through research directed at addressing one of several proposed "Provocative Questions" (PQs). These PQs are not intended to represent the full range of NCI's priorities in HIV/AIDS-related cancer research. Rather, they are meant to challenge researchers to think about and elucidate specific problems and paradoxes

in key areas of AIDS-related cancer research that are deemed important but have not received sufficient attention.

**Due Date:** August 18, 2016

**Funding:** \$4,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276593>

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

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

**Description:** This grant 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 grant 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.

**Due Date:** April 15, 2016

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276566>

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

**Program:** National Centers for Translational Research in Reproduction and Infertility

**Description:** The Eunice Kennedy Shriver National Institute of Child Health and Human Development, through the Fertility and Infertility Branch (FIB), provides funding for a limited number of research centers in the reproductive

sciences. These centers provide an arena for multidisciplinary interactions among basic and clinical scientists interested in establishing high quality translational research programs in the reproductive sciences. The centers also serve as national resources for the training and career development of young scientists electing to pursue careers conducting research in high priority areas of reproduction and infertility. Finally, center investigators develop and participate in important community outreach and education efforts to increase awareness and convey the importance and implications of their research activities to the general public. Accordingly, the purpose of this grant is to announce the competition of the National Centers for Translational Research in Reproduction and Infertility, which replaces the Specialized Cooperative Centers Program in Reproduction and Infertility Research U54 program.

**Due Date:** November 12, 2015

**Funding:** \$3,500,000; Award Ceiling: \$1,200,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276510>

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

**Program:** Tobacco Regulatory Science Small Grant Program for New Investigators

**Description:** The purpose of this announcement is to support New Investigators in the biomedical, behavioral, and social sciences who are in the early stages of establishing independent careers in tobacco regulatory research. The R03 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. Applicants are encouraged to conduct projects that ultimately have potential to inform regulations on tobacco product manufacturing, distribution, and marketing. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration Center for Tobacco Products as mandated by the Family Smoking Prevention and Tobacco Control Act.

**Due Date:** February 23, 2017

**Funding:** \$1,500,000; Ceiling: \$75,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276095>

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

**Program:** Clinical Trials to Test the Effectiveness of Treatment, Preventive, and Services Interventions

**Description:** This announcement seeks to support investigator-initiated clinical trials to establish the effectiveness of interventions and to test hypotheses regarding moderators, mediators, and mechanisms of action of these interventions. This FOA supports clinical trials designed to test the therapeutic value of treatment and preventive interventions for which there is already evidence of efficacy, for use in community and practice settings. Applications might include research to evaluate the effectiveness or increase the clinical impact of pharmacologic, somatic, psychosocial (psychotherapeutic, behavioral), device-based, rehabilitative and combination interventions to prevent or treat mental illness.

**Due Date:** October 14, 2016

**Funding:** \$6,500,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=275515>

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

**Program:** Studies at Periviable Gestation

**Description:** The goals of this Funding Opportunity Announcement are to focus on projects that will provide an evidence base to guide therapies and treatment at periviable gestational age for both mothers and their infants.

**Due Date:** September 7, 2018

**Funding:** \$200,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276320>

**Agency:** Department of State  
Bureau of Western Hemisphere Affairs

**Program:** Young Leaders of the Americas Initiative: Pilot Fellowship

**Description:** A U.S.-based fellowship to support emerging business and social entrepreneurs from the technology sector in Latin America and the Caribbean.

**Due Date:** June 19, 2015

**Funding:** \$200,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276651>



**Agency:** Department of State  
U.S. Mission to India

**Program:** South Asian Regional Exchange Program for Young Political Leaders

**Description:** Connecting South Asian Association for a Regional Cooperation (SAARC) partners is a key Mission goal, however the logistics of holding a conference within the region itself are prohibitive. Mission India plans to follow the model created in 2014 of sending regional leaders to the U.S. We plan to send a group of 15 SAARC participants on a three week, in-depth study-tour of the U.S. Designed to be very similar to an International Visitor Leadership Program, the trip will focus on regional connectivity, with a special emphasis on economic cooperation. Three young leaders (28-35 years old) from major political parties from each of the five major South Asian countries (India, Bangladesh, Nepal, Pakistan and Sri Lanka) will be nominated by respective U.S. Embassies in these South Asian countries to participate in this program. (Please refer full announcement for details).

**Due Date:** July 13, 2015

**Funding:** \$250,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276540>

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

**Program:** National Fish Habitat Action Plan

**Description:** The National Fish Habitat Action Plan is a national investment strategy to leverage federal and privately raised funds to protect, restore and enhance the nations fish and aquatic habitats through partnerships.

**Due Date:** July 1, 2015

**Funding:** \$4,000,000; Award Ceiling: \$250,000; Award Floor: \$5,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276535>

**Agency:** Department of the Interior  
National Park Service

**Program:** National Maritime Heritage Grant Program

**Description:** Approximately \$1.7 million in National Maritime Heritage Grants for education or preservation projects are available for 2015. Proposals for

grants will be accepted from May 15, 2015 until August 3, 2015. Education projects can request \$15,000-50,000 and preservation projects can request \$50,000-200,000. Funding for Maritime Heritage Grants is competitive. Project grants are administered through the Maritime Heritage Program and State Historic Preservation Offices (SHPOs).

**Due Date:** August 3, 2015

**Funding:** \$1,700,000; Award Ceiling: \$200,000; Award Floor: \$15,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276528>

**Agency:** Department of Transportation

**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.

**Due Date:** December 31, 2019

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

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=134953>

**Agency:** National Endowment for the Humanities

**Program:** NEA Our Town, FY2016

**Description:** The Arts Endowment's support of a project may start on August 1, 2016, or any time thereafter. A grant period of up to two years is allowed. The Our Town grant program supports creative placemaking projects that help to transform communities into lively, beautiful, and resilient places with the arts at their core. Creative placemaking is when artists, arts organizations, and community development practitioners deliberately integrate arts and culture into community revitalization work - placing arts at the table with land-use, transportation, economic development, education, housing, infrastructure, and public safety strategies. This funding supports local efforts to enhance quality of life and opportunity for existing residents, increase creative activity, and create a distinct sense of place. Through Our Town, subject to the availability of funding, the National Endowment for the Arts will provide a limited number of grants for creative placemaking projects. Our Town requires partnerships between arts organizations and government, other nonprofit organizations, and private entities to achieve livability goals for communities.

**Due Date:** Septmeber 21, 2015

**Funding:** Award Ceiling: \$200,000; Award Floord: \$25,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276754>

**Agency:** National Science Foundation

**Program:** Division of Integrative Organismal Systems

**Description:** The purpose of this announcement is to encourage applications from the scientific community to support the development of comprehensive reference epigenomes for male and female gametes, and pre-implantation embryos after exposure to a particular environmental factor/insult. What is envisioned is the establishment of a compendium/atlas annotating epigenetic changes during various stages of spermatogenesis, oogenesis, and pre-implantation embryo development, the identification of the affected genes, and the characterization of any resulting phenotype in the offspring.

**Due Date:** August 7, 2015

**Funding:** \$55,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=241815>

**Agency:** National Science Foundation

**Program:** Integrated Earth Systems

**Description:** Integrated Earth Systems (IES) is a program in the Division of Earth Sciences (EAR) that focuses on the continental, terrestrial and deep Earth subsystems of the whole Earth system. The overall goal of the program is to provide opportunity for collaborative, multidisciplinary research into the operation, dynamics and complexity of Earth systems at a budgetary scale between that of a typical project in the EAR Division's disciplinary programs and larger scale initiatives at the Directorate or Foundation level. Specifically, IES will provide research opportunities for the study of Earth systems from the core of the Earth to the top of the critical zone with a specific focus on subsystems that include continental, terrestrial and deep Earth subsystems at all temporal and spatial scales. IES will provide opportunities to focus on Earth systems connected to topics which include (but are not limited to) the continents; the terrestrial, surficial Earth systems including physical, chemical and biotic dimensions; linkages

among tectonics, climate, landscape change, topography and geochemical cycles including core and mantle processes.

**Due Date:** November 16, 2015

**Funding:** Total: \$10,250,000; Ceiling: \$3,000,000; Award: \$1,000,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=202313>

**Agency:** 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.

**Due Date:** October 8, 2015

**Funding:** \$64,000,000; Ceiling: \$4,000,000; Floor: \$70,000

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=257950>

**Agency:** National Science Foundation

**Program:** Manufacturing Machines and Equipment

**Description:** The MME program supports fundamental research that enables the development of new and/or improved manufacturing machines and equipment, and optimization of their use, with a particular focus on equipment appropriate for the manufacture of mechanical and electromechanical devices, products, and systems featuring scales from microns to meters (proposals relating to nanomanufacturing should be submitted to the CMMI NanoManufacturing program, and those relating to the manufacture of electronic devices such as IC products should be submitted to the ECCS Division).

**Due Date:** September 15, 2015

**Funding:** See announcement

**Website:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=274826>