

## Funding Bulletin

September 9<sup>th</sup>, 2016 (Vol. 3, No. 24)

### Funding Information

To receive funding information, please contact [funding@wichita.edu](mailto:funding@wichita.edu).

NOTICE – Notification for the current Funding Bulletin is sent via email. To be added to the electronic mailing list, send an email message to: [funding@wichita.edu](mailto:funding@wichita.edu). Leave the subject line blank. In the message area, type: *sub funding bulletin*. To unsubscribe, type: *unsub funding bulletin*.

The selected compilation of funding opportunities is provided by RTT's Pre-Award Services as a resource for Wichita State University Researchers. We encourage you to utilize the campus subscription to PIVOT to find funding opportunities specifically tailored to your research area based on keywords you provide. PIVOT is easy to use and offers other valuable services that are helpful to researchers. Access is available at: <http://pivot.cos.com/home/index> or you may contact [funding@wichita.edu](mailto:funding@wichita.edu) to have a custom search ran.

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### How to Apply

Proposal development requests should be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu). Please click on the following link for information regarding proposal submission at WSU:

<http://webs.wichita.edu/?u=WSURESEARCHADMIN&p=/Proposals/PreAwardServices/>



## OFFICE OF RESEARCH WORKSHOPS

For more information contact Jana Henderson at [jana.henderson@wichita.edu](mailto:jana.henderson@wichita.edu) or 978-3285.

For complete schedule go to: <http://webs.wichita.edu/?u=wsuresearchadmin&p=/researchworkshops/>

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
<b>IRB Open Lab</b>	Sept. 12	9:30 – 11:00 a.m.	405 Jardine	The IRB Administrator will be holding Open Labs this fall for Faculty, Staff or Students who have questions about the new forms or about their study in general. <b><i>This is a come and go lab with no registration required.</i></b>
<b>Award Management: Keeping Your Award on Track to the Final Report</b>	Sept. 21	2:30 – 4:00 p.m.	405 Jardine	This workshop will cover grant set-up, reporting requirements, research payroll, internal and external grant period extensions, and making budget changes. Presenter: Amy Delgado, Associate Director of Post-Award. RSVP through WSU My Training Portal.
<b>Research Compliance Open Lab</b>	Sept. 21	9:00 – 11:00 a.m.	2015 Devlin Hall Innovation hub	The Research Compliance Office will hold an open lab for questions regarding hiring foreign nationals; shipping or receiving items from outside the US; international travel; review of Research projects for export compliance; conflicts of interest & management plans. <b><i>This is a come and go lab with no registration required.</i></b>
<b>Pivot Open Lab</b>	Sept. 22	2:30 – 4:00 p.m.	409E Jardine	The Office of Research will be holding Open Labs this fall for Faculty interested in using PIVOT as well as answering questions regarding their existing account. <b><i>This is a come and go lab with no registration required.</i></b>
<b>Compliance: Export, Conflict of Interest</b>	Oct. 5	2:30 – 4:00 p.m.	409E Jardine	Conflict of Interest Policies, Export 101 RSVP through WSU My Training Portal.
<b>Technology Transfer &amp; Intellectual Property: WSU Ventures</b>	Oct. 14	1:00 – 2:30 p.m.	405 Jardine	Everyone has intellectual property – what do I own, what does the University own, how can I protect it? RSVP through WSU My Training Portal.
<b>Resources for Researchers</b>	Oct. 26	2:30 – 4:00 p.m.	405 Jardine	Come hear about the WSU resources available to you as a researcher: T3, Ennovar and many others! RSVP through WSU My Training Portal.

## NOTICES

### NIJ to Host Webinar on Research Fellowships Opportunities

The National Institute of Justice (NIJ) is hosting a free and open webinar on **Monday, September 19 from 3:00-4:00 PM ET** to provide interested candidates and academic institutions with an overview of the research fellowship opportunities provided by NIJ, including

- Graduate Research Fellowship Program
- W.E.B. DuBois Fellowship
- Visiting Fellows Program
- New Investigator / Early Career Program
- Research Assistantship Program

These fellowships provide opportunities for early career as well as experienced researchers in the social and behavioral sciences and STEM disciplines. The overall goal of these fellowship programs is to increase and diversify the pool of scholars and disciplines engaged in research that addresses the challenges of crime and justice in the United States, particularly at the state and local levels.

[Register to attend or get the recording.](#)

## INTERNAL OPPORTUNITIES

### Multidisciplinary Research Project Awards (MURPA)

*Wichita State University*

**Due Date: 10/7/2016**

Applications for Multidisciplinary Research Project Awards (MURPA) are due to the Office of Research and Technology Transfer by Oct. 7 at 5:00 p.m. for grant period, choice of Jan 1 – June 15, 2017 OR May 1 – Aug 31, 2017. Multidisciplinary Research Projects are projects that involve two or more investigators from different disciplines that focus different perspectives and capabilities on complex problems that intersect established areas of study. They are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations or industries. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

**For more information, visit**

<http://webs.wichita.edu/?u=WSURESEARCHADMIN&p=/ORAIInternalGrants/ORAIInternalGrants/>

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact [funding@wichita.edu](mailto:funding@wichita.edu).

## University Research/Creative Projects (URCA) – Round Two

Wichita State University

**Due Date: 10/7/2016**

Applications for Round 2 of the University Research/Creative Projects (URCA) are due to the Office of Research and Technology Transfer by Oct. 7 at 5:00 p.m. for grant period Dec 1, 2016 – Dec 31, 2017. URCA's are to retool or reestablish productive research/creative projects agenda. In areas where external funding is available, the URCA may be used as seed money to develop pilot data. Areas where access to external sources is limited may receive special consideration. Grants may be for up to \$4,500 awarded in two separate competitions: New - tenure-eligible faculty in their first or second year of probation to initiate research/creative projects, and Established - tenured faculty or probationary faculty in their 3rd (or more) year of probation to retool or re-establish productive research/creative agenda. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

**For more information, visit**

<http://webs.wichita.edu/?u=wsuresearchadmin&p=/ORAIInternalGrants/ORAIInternalGrants/>

## LIMITED SUBMISSIONS

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Karen Davis, Director of Pre-Award Services, is the internal coordinator for limited submission programs. Please notify [proposals@wichita.edu](mailto:proposals@wichita.edu), by the internal NOI due date listed in the Funding Bulletin if you wish to submit a limited submission program. **Because many limited submission programs often have short turnaround times, it is important that researchers also periodically check the Office of Research's [Limited Submission Opportunities](#) webpage for additional opportunities that may not have made it into the bulletin. There are currently *twelve* open limited submission competitions:**

### **(1) Advancing Digitization of Biodiversity Collections (ADBC)**

*National Science Foundation (NSF)*

**Due Date: Internal 9/16/2016; Full Proposal 10/14/2016**

This program seeks to enhance and expand the national resource of digital data documenting existing vouchered biological and paleontological collections and to advance scientific knowledge by improving

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access to digitized information (including images) residing in vouchered scientific collections across the United States. The information associated with various collections of organisms, such as geographic, paleogeographic and stratigraphic distribution, environmental habitat data, phenology, information about associated organisms, collector field notes, and tissues and molecular data extracted from the specimens, is a rich resource providing the baseline from which to further biodiversity research and provide critical information about existing gaps in our knowledge of life on earth. The national resource is structured at three levels: a central coordinating organization, a series of thematic networks based on an important research theme, and the physical collections. The national resource builds upon a sizable existing national investment in curation of the physical objects in scientific collections and contributes vitally to scientific research and technology interests in the United States. It will become an invaluable tool in understanding contemporary biological issues and challenges. **Only one TCN proposal may be submitted by any one organization as the lead organization. Organizations may be involved in more than one collaborative effort as a non-lead proposal. NSF 15-576**

- URL: <http://www.nsf.gov/pubs/2015/nsf15576/nsf15576.htm>

## **(2) Family Leadership in Language and Learning (FL3)**

*Health Resources and Services Administration (HRSA)*

**Due Date: Internal 9/16/2016; Application 10/14/2016**

This announcement solicits applications for the Family Leadership in Language and Learning Program (FL3) for the Universal Newborn Hearing Screening and Intervention Program. The purpose of this program is to support the development of statewide newborn and infant hearing screening, evaluation, diagnosis, and intervention programs and systems by promoting the inclusion of families, parents, and caregivers of deaf or hard of hearing infants/children identified through the Universal Newborn Hearing Screening Program as leaders in the statewide Early Hearing Detection and Intervention (EHDI) system and thereby to support such children's language, literacy, and social-emotional development. This purpose will be achieved by focusing efforts on: 1) supporting state/territory organizations that provide support to families of deaf or hard of hearing children; 2) coordinating with the HRSA-supported National Technical Resource Center for Newborn Hearing Screening and Intervention and state/territory EHDI programs in improving family engagement, partnership, and leadership within the EHDI system, and 3) collaborating with established Deaf Mentor programs for families. The goal of the program is to ensure that statewide EHDI systems incorporate certain elements that support the families, parents and caregivers of deaf or hard of hearing infants/children identified through newborn hearing screening in optimizing language, literacy, and social-emotional development. **HRSA-17-061**  
**Multiple applications from an organization are not allowable.**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=287498>

### **(3) National Action Partnership to Promote Safe Sleep Program**

*Health Resources and Services Administration (HRSA)*

**Due Date: Internal 9/16/2016; Application 10/27/2016**

This announcement solicits applications for the National Action Partnership to Promote Safe Sleep (NAPPSS) Program. The goal of this program is to make safe infant sleep and breastfeeding a national norm. To reduce the risk of sudden unexpected infant death (SUID), the American Academy of Pediatrics (AAP)<sup>1</sup> has issued a Policy Statement describing a safe infant sleep environment, including a recommendation for room-sharing without bed-sharing. The AAP also recommends breastfeeding for the first six months of life as additionally protective against SUID. Researchers have studied the dynamics involved in the decision making of mothers regarding how they chose to feed their babies and where their babies sleep. A recent study concluded that women with a strong motivation to breastfeed frequently bed share with their infants. To determine the prevalence of breastfeeding and sleep location practices among mothers in the U.S., researchers conducted surveys and an analysis of factors associated with these behaviors. The investigators concluded that many mothers have not adopted the AAP recommendations, and that providing advice to room share without bed sharing did not negatively affect the likelihood of breastfeeding among these mothers. NAPPSS aims to increase the adoption of safe infant sleep behavior including breastfeeding among infant caregivers by activating champions of these protective behaviors within systems that intersect with families at risk. Examples of systems that serve infant caregivers include, but are not limited to, home visiting programs, food and nutrition programs, community-based organizations such as Healthy Start, housing assistance authorities, child care, hospitals, community health clinics, as well as health care provider networks such as pediatricians, family physicians and obstetricians. This program endeavors to change individual behavior on a national scale with a multifaceted approach that ensures common messaging through engagement of multiple stakeholders, and support of organizations within service delivery systems that intersect with infant caregivers. **HRSA-17-094 Multiple applications from an organization are not allowable.**

#### **The NAPPSS program strives to achieve the following impacts:**

- An increase in the proportion of infants placed to sleep on their backs in a safe sleep environment that follows the AAP recommendations
- An increase in the proportion of infants who are ever breastfed
- An increase in the proportion of infants who continue to be breastfed at six months
- An increase in conversations between providers and infant caregivers about evidence-based feeding and sleeping practices, thereby increasing informed infant care decision-making by families
  
- **URL:** <http://www.grants.gov/view-opportunity.html?oppld=287720>

#### **(4) Partnerships for Innovation: Building Innovation Capacity (PFI: BIC)**

*National Science Foundation (NSF)*

**Due Date: Internal 9/16/2016; Letters of Intent 10/14/2016; Full Proposals 11/16/2016**

The Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) program supports academe-industry partnerships which are led by an interdisciplinary academic research team collaborating with a least one industry partner. In this program, there is a heavy emphasis on the quality, composition, and participation of the partners, including their appropriate contributions. These partnerships focus on the integration of technologies into a specified human-centered service system with the potential to achieve transformational benefits, satisfying a real need by making an existing service system smart(er) or by spurring the creation of an entirely new smart service system. The selected service system should function as a test bed. **Service systems** are socio-technical configurations of people, technologies, organizations, and information [1] designed to create value by fulfilling the needs of those participating in the system. A **"smart" service system** is a system that amplifies or augments human capabilities [2] to identify, learn, adapt, monitor and make decisions. The system utilizes data received, transmitted, or processed in a timely manner, thus improving its response to future situations. These capabilities are the result of the incorporation of technologies for sensing, actuation, coordination, communication, control, etc. PFI:BIC funds research partnerships working on projects that operate in the post-fundamental/translational space; the proposers must be mindful of the state of the art and the competitive landscape. However, a clear path to commercialization does not need to be a central part of this proposal. These projects require additional effort to integrate the technology into a real service system, incorporating human factors considerations to assure the system's efficacy. The research tasks in turn might spawn additional discoveries inspired by this interaction of humans with the technology. Examples of partnership activities that drive sustained innovation include the targeted allocation of resources such as capital, time, and facilities; and sharing of knowledge in a cross-organizational and interdisciplinary context. The research tasks of the project must demonstrate a highly collaborative research plan involving participation of the primary industrial partner(s) as well as of any other primary partners with the academic researcher during the life of the award. NSF recognizes that interdisciplinary collaboration (involving many areas of expertise beyond just those related to the technology) is needed to achieve successful integration into a smart service system. The research components to be included in this project are: 1) engineered system design and integration; 2) computing, sensing, and information technologies; and 3) human factors, behavioral sciences, and cognitive engineering. The proposer must show how these components will be integrated in the context of the project as part of the research plan in the Project Description. **NSF 16-591 Up to two letters of intent (LOIs) per institution can be submitted. Academic institutions are limited to participation on two (2) proposals as a lead institution preferably involving distinct application areas.**

- URL: <http://www.nsf.gov/pubs/2016/nsf16591/nsf16591.htm>



## **(5) Louis Stokes Alliances for Minority Participation (LSAMP)**

*National Science Foundation (NSF)*

**Due Date: Internal 9/23/2016; Full Proposal 11/4/2016**

**Louis Stokes Alliances for Minority Participation (LSAMP)** program assists universities and colleges in their efforts to significantly increase the numbers of students matriculating into and successfully completing high quality degree programs in science, technology, engineering and mathematics (STEM) disciplines in order to diversify the STEM workforce. Particular emphasis is placed on transforming undergraduate STEM education through innovative, evidence-based recruitment and retention strategies, and relevant educational experiences in support of racial and ethnic groups historically underrepresented in STEM disciplines: African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders. The LSAMP program provides funding to alliances that implement comprehensive, evidence-based, innovative, and sustained strategies that ultimately result in the graduation of well-prepared, highly-qualified students from underrepresented groups who pursue graduate studies or careers in STEM. **There are four alliance award types:**

1. **Alliances (Multi-institutional Partnerships):** 5-year projects focused on undergraduate recruitment and retention activities.
2. **Bridge to the Baccalaureate (B2B) Alliances (Alliances with a community college as lead institution):** 3-year projects focused on activities that provide effective educational preparation of community college students for successful transfer to 4-year institutions in STEM.
3. **Bridge to the Doctorate (BD) Activity:** 2-year projects eligible only to existing alliances funded more than 10 consecutive years; these projects are focused on providing post-baccalaureate fellowship support to a cohort of 12 LSAMP students for the first two years of their STEM graduate studies and on providing the necessary academic and research skills that will enable them to successfully earn STEM doctoral degrees and transition into the professoriate and/or STEM workforce.
4. **Pre-Alliance Planning Grants:** Up to 18-month projects that undertake planning activities necessary to form new alliances or regional outreach and knowledge-diffusion centers of excellence.

In this solicitation, the acronym STEM stands for science, technology, engineering, and mathematics that includes biological sciences (except medicine and other clinical fields); physical sciences (including physics, chemistry, astronomy, and materials science); mathematical sciences (including statistics and data science); computer and information sciences; geosciences (including earth and ocean sciences); engineering; and technology areas associated with the preceding disciplines (for example, biotechnology, chemical technology, nanotechnology, engineering technology, information technology). **NSF 15-594 Only one proposal may be submitted by an eligible (lead) institution.**



### **Important Notes on LSAMP Alliance Projects**

The NSF LSAMP Program allows grantees to provide performance-based stipend support to undergraduate students. However, LSAMP is not a student financial aid scholarship program, and thus funds should NOT be used to award scholarships to students. The LSAMP Program does NOT make awards directly to individual students to undertake their education or research activities. Students are encouraged to contact the respective institutions to inquire about whether there are LSAMP programs (including Bridge to the Doctorate) on their campuses. All students receiving stipends/fellowships must be U.S. citizens, U.S. nationals, or permanent residents of the United States. Institutional partners (including community colleges) in all LSAMP Alliances (including B2B) must be budgeted as sub-awardees unless designated as a lead institution in an alliance. Please contact a LSAMP Team member if your institution does not enter into subaward agreements.

- URL: <http://www.nsf.gov/pubs/2015/nsf15594/nsf15594.htm>

### **(6) Network for Computational Nanotechnology (NCN)**

*National Science Foundation (NSF)*

**Due Date: Internal 9/30/2016; Letters of Intent 11/3/2016; Full Proposals 12/2/2016**

The goals of the Network for Computational Nanotechnology (NCN) are to: 1) accelerate the transformation of nanoscience to nanotechnology through the integration of simulation with experimentation; 2) engage an ever-larger and more diverse cyber community sharing novel, high-quality nanoscale computation and simulation research and educational resources; 3) develop open-access, open-source software to stimulate data sharing; and 4) inspire and educate the next-generation workforce. The NCN consists of a stand-alone Cyber Platform, which provides computation, simulation, and education services to over 330,000 researchers, educators, students, and industry members of the nanoscience and engineering community annually worldwide; and Nodes, which develop compelling new computational and simulation tools to disseminate through Cyber Platform (nanoHUB.org) and cultivate communities of users in emerging areas of nanoscale science and engineering. This solicitation will support the next phase of NCN Nodes Programs. Current awards for existing NCN Nodes expire in September 2017. Those who submit proposals in response to this solicitation will need to address the following questions:

- What compelling new nanoscience modeling and computational tool(s) will be developed and how will it advance nanotechnology to meet critical national needs?
- What will the Node undertake to nucleate a community of academic and industry users engaged in the new tool(s) and increase quality and quantity of nanoHUB tools, resources, and usage?
- How will the Node interact productively with the Cyber Platform and other Nodes to augment existing capabilities and ensure seamless and complementary advancement of the NCN's goals?

**Content areas of the three new Nodes will be:**

- 1. Engineered nanoBIO** - Create integrated computational tools that support new understanding and simulation of biological phenomena from the nanoscale across length scales for the design of devices and systems;
- 2. Hierarchical nanoMFG** - Computation and simulation software to address the challenges of hierarchical nanomanufacturing processes from nanoscale components to devices and systems, and their scale up;
- 3. Nano-Engineered Electronic Device and Module Application Node (NEEDMA)** - Develop computation and simulation tools that can be employed for turning nanoscale science and engineering into applications through the discovery and development of nanoelectronic-based devices and modules with impact on circuit and systems responding to grand challenges.

Proposals will be accepted only for the above Node content areas. A proposal for another Node content area will be returned without review. **NSF 16-593 A university may submit only one proposal per Node content area in this solicitation. Therefore, one university might submit up to three separate Node proposals, but only one to each Node content area.**

- URL: <http://www.nsf.gov/pubs/2016/nsf16593/nsf16593.htm>

## **(7) Faculty Grants - Course and Program Grants**

*Lemelson Foundation - VentureWell*

**Due Date: Internal 9/30/2016; Applications 11/9/2016**

VentureWell awards faculty grants to colleges and universities for the purpose of strengthening existing curricular programs and/or building new programs in invention, innovation, and entrepreneurship. Through these grant funds, VentureWell supports creative pedagogical approaches that generate student teams (E-Teams) working on technology solutions to real-world problems. Proposals may include plans for creating or improving an individual course, course sequence, minor, major, certificate program, incubator, accelerator, and other co- and extra-curricular programs. Course & Program grants support courses or programs at the intersection of invention, innovation, and entrepreneurship that lead to the creation and support of E-Teams. **Focus areas include but are not limited to:**

- General (technology-based) entrepreneurship
- New materials/clean tech/green energy
- Biomedical and healthcare
- Information technology

Innovation is a skill that can and should be taught in universities. With their faculty grants, VentureWell challenges faculty to pioneer new ways to engage their students in the entrepreneurial process. The grants:

- Support new (or help modify existing) courses and programs that lead to the formation of E-Teams - multidisciplinary groups of students, faculty, and mentors working together to bring inventions to market.
- Help students learn by doing-gaining the entrepreneurial skills they need by actually forming a team and trying to make both the technology and business model work.
- Have a strong likelihood of continuing beyond the grant period and becoming part of a campus culture of innovation. To date, 92% of Faculty Grants funded courses and programs report that they are ongoing.

**Limit 2 proposals per institution. If more than two are received, only the two received earliest will be reviewed.**

- URL: <http://venturewell.org/facultygrants/>

## **(8) Major Research Instrumentation Program (MRI): Instrument Acquisition or Development**

*National Science Foundation (NSF)*

**Due Date: Internal 9/30/2016; Full Proposals 1/11/2017**

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations. The program provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other researchers regionally or nationally. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. Development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. The MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The program does not fund research projects or provide ongoing support for operating or maintaining facilities or centers. The instrument acquired or developed is expected to be operational for regular research use by the end of the award period. For the purposes of the MRI program, a proposal must be for either acquisition (Track 1) or development (Track 2) of a single, well-integrated instrument. The MRI program does not support the acquisition or development of a suite of instruments to outfit research laboratories or facilities, or that can be used to conduct independent research activities simultaneously. **NSF 15-504 The limit on number of proposals per organization is three as described below. If three proposals are submitted, at least one of the proposals must be for instrument development (i.e., no more than two proposals may be for instrument acquisition).**

- URL: <http://www.nsf.gov/pubs/2015/nsf15504/nsf15504.htm>

### **(9) BD2K Research Education Curriculum Development: Data Science Overview for Biomedical Scientists (R25)**

*National Institutes of Health (NIH)*

**Due Date: Internal 9/30/2016; Application 12/7/2016**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this BD2K R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on **Curriculum or Methods Development** in Big Data Science to augment current institutional curricula for the training of predoctoral level biomedical scientists and provide concentrated instruction in the tools, approaches and quantitative analysis concepts in data science. To facilitate the integration of data science into biomedical curricula nationally, this FOA seeks to support a cohort of institutions that will work collaboratively and collectively to produce curricular materials that are findable, accessible, interoperable, and reusable (FAIR). **RFA-ES-16-011 Only one application per institution is allowed.**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-16-011.html>

### **(10) Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)**

*National Science Foundation (NSF)*

**Due Date: Internal 10/7/2016; Full Proposals 12/9/2016**

Biological Field Stations and Marine Laboratories (FSMLs) are off-campus facilities for research and education pertaining to physical and biological phenomena and organisms in the natural habitats of terrestrial, freshwater, and marine ecosystems. FSMLs support environmental and biological research and education by preserving access to study areas and organisms, by providing facilities and equipment in close proximity to those study areas, and by fostering an atmosphere of mutual scientific interest and collaboration in research and education. For FSMLs to fulfill their role in biological research and education, they must offer modern research and educational facilities, equipment, and communications and data management systems for a broad array of users. A significant fraction of the research and education projects that use the proposing facility as a platform for their execution should be in science and engineering fields eligible for support by the National Science Foundation. In recognition of the continuing need for modern facilities and equipment at FSMLs, the NSF invites proposals that address the general goal of FSML improvement. Requests must fall exclusively into one of two classes: Improvement or Planning. Improvement proposals should focus on well-defined projects of major equipment acquisition, data management and communication systems modernization, or physical plant improvement. Planning proposals are for strategic institutional

planning for the long term research and education goals of the station. In addition to a clear description of the proposed improvement or planning project, proposals are expected to present a compelling justification based on demonstrated need for the project, and a realistic appraisal of its potential impact on biological and environmental research and education activities at the proposing facility. **NSF 16-506** *Only one proposal may be submitted on behalf of any single facility per round of the FSML competition. This limitation does not prevent a single institution from submitting more than one proposal, as long as each proposal is submitted on behalf of a different eligible facility.*

- URL: <http://www.nsf.gov/pubs/2016/nsf16506/nsf16506.htm>

### **(11) NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)**

*National Science Foundation (NSF)*

**Due Date: Internal 1/13/2017; Full Proposals 4/20/2017**

A well-educated science, technology, engineering, and mathematics (STEM) workforce is a significant contributor to maintaining the competitiveness of the U.S. in the global economy. The National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program addresses the need for a high quality STEM workforce in STEM disciplines supported by the program and for the increased success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics (STEM) [6], [16]. Recognizing that financial aid alone cannot increase retention and graduation in STEM, the program provides awards to Institutions of Higher Education (IHEs) to fund scholarships and to advance the adaptation, implementation, and study of effective evidence-based curricular and co-curricular activities that support recruitment, retention, transfer (if appropriate), student success, academic/career pathways, and graduation in STEM. The S-STEM program encourages collaborations among different types of partners: Partnerships among different types of institutions; collaborations of STEM faculty and institutional, educational, and social science researchers; and partnerships among institutions of higher education and local business and industry, if appropriate. The program seeks: 1) to increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in STEM and entering the workforce or graduate programs in STEM; 2) to improve the education of future scientists, engineers, and technicians, with a focus on academically talented low-income students; and 3) to generate knowledge to advance understanding of how factors or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation in STEM of low-income students. ***An Institution may submit one proposal (either as a single institution or as subawardee or a member of a Collaborative Research project) from each constituent school or college that awards degrees in an eligible field.*** NSF 16-540

- URL: <http://www.nsf.gov/pubs/2016/nsf16540/nsf16540.htm>

**(12) ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)**

*National Science Foundation (NSF)*

**Due Date: Deadlines vary by track (see below)** (*Internal competition required for IT-Preliminary, Institutional Transformation (IT), or Adaptation tracks only – please contact [proposals@wichita.edu](mailto:proposals@wichita.edu) for additional information*)

Despite significant increases in the proportion of women pursuing science, technology, engineering, and mathematics (STEM) doctoral degrees, women are significantly underrepresented as faculty, particularly in upper ranks, and in academic administrative positions, in almost all STEM fields. The problems of recruitment, retention, and advancement that are the causes of this underrepresentation vary by discipline and across groups of women faculty (e.g., by race/ethnicity, disability status, sexual orientation, foreign-born and foreign-trained status, and faculty appointment type). The ADVANCE program is designed to foster gender equity through a focus on the identification and elimination of organizational barriers that impede the full participation and advancement of all women faculty in academic institutions. Organizational barriers that inhibit equity may exist in areas such as policy, practice, culture, and organizational climate. For example, practices in academic departments that result in the inequitable allocation of service or teaching assignments may impede research productivity, delay advancement and create a culture of differential treatment and rewards. Policies and procedures that do not mitigate implicit bias in hiring, tenure, and promotion decisions could mean that women and underrepresented minorities are evaluated less favorably, perpetuating their underrepresentation and contributing to a climate that is not inclusive. The goals of the ADVANCE program are (1) to develop systemic approaches to increase the representation and advancement of women in academic STEM [1] careers; (2) to develop innovative and sustainable ways to promote gender equity that involve both men and women in the STEM academic workforce; and (3) to contribute to the research knowledge base on gender equity and the intersection of gender and other identities in STEM academic careers. The ADVANCE program contributes to the development of a more diverse science and engineering workforce because of the focus on equity for STEM academic faculty who are educating, training, and mentoring undergraduate and graduate students and postdoctoral scholars. There are three program tracks. All projects are expected to build on prior ADVANCE work and gender equity research and literature to broaden the implementation of organizational and systemic strategies to foster gender equity in STEM academic careers. All ADVANCE proposals are expected to recognize that gender does not exist in isolation from other characteristics, such as race/ethnicity, disability status, sexual orientation, foreign-born and foreign-trained status, faculty appointment type, etc., and should offer strategies to promote gender equity for all faculty:

- The ***Institutional Transformation (IT)*** track supports the development of *innovative* organizational change strategies to produce comprehensive change within one non-profit two-year or four-year academic institution across all STEM disciplines. ***IT*** projects are also expected to contribute new



research on gender equity in STEM academics. Projects that do not propose innovative strategies may be more appropriate for the **Adaptation** track.

- The **Adaptation** track supports the adaptation and implementation of evidence-based organizational change strategies, ideally from among those developed and implemented by ADVANCE projects. **Adaptation** awards may support the adaptation and implementation of proven organizational change strategies within a non-profit two-year or four-year academic institution that has not had an ADVANCEIT award. **Adaptation** awards may also be made to a STEM organization to implement systemic change strategies focused across all STEM disciplines, several STEM disciplines, or within one STEM discipline.

- The **Partnership** track will support partnerships of two or more non-profit academic institutions and/or STEM organizations to increase gender equity in STEM academics. Projects should have national or regional impact and result in systemic change within one STEM discipline, several STEM disciplines, or all STEM disciplines. Partnering STEM organizations can include any entity eligible for NSF support. Partners may include professional societies, industry, non-profit organizations, publishers, policy and research entities, state systems of higher education, higher education organizations, as well as institutions of higher education. **Partnership** proposals must include a final year focused on sustainability and/or scale-up, communication, and evaluation.

**For all proposals, ADVANCE is interested in supporting a range of non-profit academic institution types including:** community colleges, primarily undergraduate institutions, minority-serving institutions (e.g. Tribal Colleges and Universities, Historically Black Colleges and Universities, Hispanic-Serving Institutions, Native Hawaiian Serving Institutions, Alaska Native Institutions, Predominantly Black Institutions and Non-tribal, Native American Serving Institutions), women's colleges, institutions primarily serving persons with disabilities, and master's and doctoral level institutions. **NSF16-594**

Track	Internal Deadline	Letter of Intent	Preliminary Proposal	Full Proposal
* Denotes limited submission				
Partnership		12/14/2016		1/11/2017
Adaptation*	TBD	8/9/2017		9/13/2017
Institutional Transformation*	TBD		4/12/2017	1/17/2018
ADVANCE Resource and Coordination Network				3/15/2017

- **URL:** [http://www.nsf.gov/pubs/2016/nsf16594/nsf16594.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2016/nsf16594/nsf16594.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)



## GENERAL

### **AmeriCorps State and National Grant Competitions**

*Corporation for National and Community Service (CNCS)*

**Due Date: Notices of Intent 12/7/2016; Applications 1/18/2017**

The mission of the Corporation for National and Community Service (CNCS) is to improve lives, strengthen communities, and foster civic participation through service and volunteering. CNCS-- through AmeriCorps, Senior Corps, the Social Innovation Fund, and the Volunteer Generation Fund-- has helped to engage millions of citizens in meeting community and national challenges through service and volunteer action. Through all its programs, CNCS seeks to expand economic opportunity - helping Americans acquire the skills, education, and training they need for productive employment. By helping more Americans graduate, pursue higher education, and find work, national service can provide immediate and long term benefits by expanding individual opportunity, building family stability, and creating more sustainable, resilient communities. **Purpose of AmeriCorps Funding:** AmeriCorps grants are awarded to eligible organizations proposing to engage AmeriCorps members in evidence-based or evidence-informed interventions to strengthen communities. An AmeriCorps member is an individual who engages in community service through an approved national service position. Members may receive a living allowance and other benefits while serving. Upon successful completion of their service, members earn a Segal AmeriCorps Education Award from the National Service Trust that members can use to pay for higher education expenses or apply to qualified student loans. CNCS may award a Cost Reimbursement or an Education Award Program grant to any successful applicant, but the availability of a Fixed Amount grant is limited to certain applicants. See Section II and Glossary for more information. In addition to the funding allocated for competitive distribution under this Notice, CNCS provides funding based on the population directly to Governor-appointed State Service Commissions which they, in turn, award through a process they administer according to state priorities. **CNCS-08-31-15**

**In the FY 2017 AmeriCorps competition, CNCS seeks to prioritize the investment of national service resources in:**

- **Disaster Services** - improving community resiliency through disaster preparation, response, recovery, and mitigation
- **Economic Opportunity** - increasing economic opportunities for communities by engaging opportunity youth, either as the population served and/or as AmeriCorps members
- **Education** - improving student academic performance in Science, Technology, Engineering, and/or Mathematics (STEM)
- **Environment**
- **21st Century Service Corps**
- **Healthy Futures**
- **Reducing and/or Preventing Prescription Drug and Opioid Abuse**



WICHITA STATE  
UNIVERSITY

RESEARCH AND  
TECHNOLOGY TRANSFER

- **Veterans and Military Families** - positively impacting the quality of life of veterans and improving military family strength
- **Governor and Mayor Initiatives**
- **Programming that supports My Brother's Keeper**
- **Multi-focus intermediaries** that demonstrate measurable impact and primarily serve communities with limited resources and organizational infrastructure, i.e. rural and other underserved communities
- **Safer communities**
- **Evidence Based Intervention Planning Grants**
- **Encore Programs**
  
- **URL:** <http://www.nationalservice.gov/build-your-capacity/grants/funding-opportunities/2016/amicorps-state-and-national-grants-fy-2016>

## ARTS & HUMANITIES

### External Faculty Fellowships

*Stanford University - Stanford Humanities Center*

**Due Date: 10/5/2016**

The goal of these fellowships is to create a diverse community of scholars. Research projects must be in the humanities; creative arts projects are not eligible. The Center is open to projects employing information technology in humanities research. The humanities include, but are not limited to, the following fields: history, philosophy, languages, literature, linguistics, archeology, jurisprudence, history and criticism of the arts, ethics, comparative religion, and those aspects of the social sciences employing historical or philosophical approaches. This last category includes social and cultural anthropology, sociology, political theory, international relations, and other subjects concerned with questions of value. Especially appropriate are candidates whose research is likely to contribute to intellectual exchange among a diverse group of scholars within the disciplines of the humanities. Applicants in the social sciences should employ a research methodology that focuses on historical, philosophical, and/or literary methods of inquiry and should be concerned with questions of culture or value. Since the Stanford Humanities Center is a residential center, where intellectual life depends on collegial interaction, external fellows are required to live within a ten-mile radius of Stanford University. Fellows are also expected to attend lunch regularly and to participate in weekly research presentations. During the year, faculty fellows are required to make an intellectual contribution to the Stanford

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community, usually by participating in a Geballe Research Workshop at the Humanities Center. Precise details regarding the intellectual contribution will be determined with the Center's Associate Director after fellowships are awarded.

- URL: <http://shc.stanford.edu/fellowships/non-stanford-faculty>

### **Howard Fellowships**

*Howard Foundation, George A. and Eliza*

**Due Date: 11/1/2016**

The Howard Foundation awards a limited number of fellowships each year for independent projects in selected fields. The Foundation targets its support specifically to early mid-career individuals, those who have achieved recognition for at least one major project. Fellowships will be awarded in April 2017 to support individuals working on projects for the academic year 2017-2018. Howard Fellowships are intended primarily to provide artists and scholars with time to complete their work. They are not intended for publication subsidies, for equipment purchase, for preparation of exhibits, or to support institutional programs. Note that painting and sculpture are this year's entries in the creative arts, i.e., the Foundation is interested in visual artists creating works in two and three dimensions. The history of art and architecture is this year's field in the category of historical and critical studies. The Foundation offers fellowships in a five-year rotation of fields, as described below for the next five years. While the Foundation plans to follow this sequence of fields, additional changes may from time to time need to be made as warranted by the limited resources of the Foundation.

1. Award Year 2016-2017: Creative Arts - Creative Non-Fiction, Literary Translation into English; Historical and Critical Studies - Film Studies, Literary Studies
2. Award Year 2017-2018: Creative Arts - Photography; Historical and Critical Studies - Anthropology, Archaeology
3. Award Year 2018-2019: Creative Arts - Painting, Sculpture; Historical and Critical Studies - History of Art and Architecture
4. Award Year 2019-2020: Creative Arts - Music, Playwriting; Historical and Critical Studies - History, Musicology, Theatre Studies
5. Award Year 2020-2021: Creative Arts - Creative Writing: Fiction and Poetry; Historical and Critical Studies - Philosophy

- URL: <https://www.brown.edu/initiatives/howard-foundation/>

### **Access to Historical Records - Major Initiatives**

*National Archives and Records Administration (NARA) - National Historical Publications and Records Commission (NHPRC)*

**Due Date: Preliminary Proposals 1/19/2017; Full Proposals 7/12/2017**

The National Historical Publications and Records Commission seeks projects that will significantly improve public discovery and use of major historical records collections. All types of historical records are eligible, including documents, photographs, born-digital records, and analog audio and moving images. Projects may:

- Digitize historical records collections, or related collections, held by a single institution and make them freely available online
- Provide access to born-digital records
- Create new freely-available virtual collections drawn from historical records held by multiple institutions
- Create new tools and methods for users to access records

The NHPRC welcomes collaborative projects, particularly for bringing together related records from multiple institutions. Projects that address significant needs in the field and result in replicable and scalable approaches will be more competitive. Organizations are encouraged to actively engage the public in the work of the project. Applicants should also consult Access to Historical Records: Archival Projects program, which has different requirements and award amounts. **MAJOR-201707**

- URL: <http://www.archives.gov/nhprc/announcement/major.html>

## **ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES**

### **Targeted Grants to Institutes**

*Simons Foundation*

**Due Date: 10/13/2016**

The Simons Foundation's Mathematics and Physical Sciences (MPS) division invites applications for the Targeted Grants to Institutes program. The program is intended to support centers of excellence in the mathematics and physical sciences through funding to help establish scientific culture and strengthen contacts within the international scientific community. Our aim is to enable institutes to extend and

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enhance their mission; the program will typically not provide primary support for operating or establishing an institute. The funding provided under the targeted grant is flexible and based on the type of support requested by the institution in the proposal.

- URL: <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-to-institutes/>

### **Mathematical Biology**

*National Science Foundation (NSF)*

**Due Date: 11/15/2016** (*Conference and workshop proposals accepted on a continuous basis*)

This program supports research in areas of applied and computational mathematics with relevance to the biological sciences. Successful proposals are mathematically innovative and address challenging problems of interest to members of the biological community. Projects may include development of mathematical concepts and tools traditionally seen in other disciplinary programs within the DMS, e.g., topology, probability, statistics, and computation, etc. To receive appropriate and timely review, such proposals should be submitted directly to the relevant disciplinary program that has the earliest deadline, but they will be considered for co-review by this program, which may be selected as a secondary program. Note that proposals that use established mathematical, statistical, and computational tools to address problems in the biological sciences are typically not appropriate for consideration by the disciplinary programs within DMS. **PD 16-7334**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5690](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690)

### **FY2017 Scientific Infrastructure Support for CINR Funding Opportunity Announcement**

*United States Department of Energy (DOE)*

**Due Date: 11/23/2016**

This Funding Opportunity Announcement (FOA) is for Scientific Infrastructure Support for Consolidated Innovative Nuclear Research and university research reactor upgrades for the U.S. nuclear research community. It is referred to in this document as the "Infrastructure FOA." The Department of Energy's (DOE) Office of Nuclear Energy (NE) conducts crosscutting nuclear energy research and development (R&D) and associated infrastructure support activities to develop innovative technologies that offer the promise of dramatically improved performance for advanced reactors and fuel cycle concepts while maximizing the impact of DOE resources. The development of nuclear energy-related infrastructure and basic capabilities in the research community is necessary to promote R&D that supports nuclear science and engineering (NS&E), DOE-NE's mission, and the Nation's nuclear energy challenges. Accordingly, DOE intends to enable the education and training of nuclear scientists, engineers, and

policy-makers in graduate and undergraduate study and two-year programs, as well as R&D that is relevant to the Department and the nuclear energy industry in general. The Nuclear Energy University Program (NEUP) utilizes up to 20 percent of funds appropriated to NE's R&D program for university-based infrastructure support and R&D in key NE program-related areas:

- Fuel Cycle Research and Development (FC R&D)
- Reactor Concepts Research, Development and Demonstration (RC RD&D)
- Nuclear Energy Advanced Modeling and Simulation (NEAMS) The infrastructure requested should be individual, discrete, and definable items or capabilities that will:
- Support, maintain, or enhance the institutions' capacities to attract and teach high quality students interested in nuclear energy-related studies;
- Build the institutions' research or education capabilities; or
- Enhance the institutions' capacities to perform R&D that is relevant to DOE-NE's mission.

NE reserves the right to respond to potential shifts in priorities during FY 2017 that may be driven by events, policy developments, or Congressional/budget direction. NE will factor such considerations into decisions related to the timing and scale of award announcements associated with this FOA. **DE-FOA-0001516**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=288293>

### **National Robotics Initiative (NRI)**

*National Science Foundation (NSF)*

**Due Date: 1/12/2017**

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside or cooperatively with people. Innovative robotics research and applications emphasizing the realization of such co-robots working in symbiotic relationships with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), the U.S. Department of Agriculture (USDA), the U.S. Department of Energy (DOE), and the U.S. Department of Defense (DOD). The purpose of this program is to support the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire lifecycle from fundamental research and development to manufacturing and deployment. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to that agency's point of contact listed in section VIII of this solicitation. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long-term social, behavioral and economic

implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. **NSF 16-517 An investigator may participate as PI or co-PI in no more than two proposals submitted in response to this solicitation per deadline. This limit does not apply to other senior personnel.**

- URL: <http://www.nsf.gov/pubs/2016/nsf16517/nsf16517.htm>

### **Computational Physics**

*National Science Foundation (NSF)*

**Due Date: 12/1/2016**

Computational Physics (CP) supports research for computational and data-enabled science. The program emphasizes novel methods for high-performance computing that require significant code development. Priority will be given to proposals that, in addition to compelling scientific goals, have a computational advance or new enabling capability. Proposals should include either innovation in computing, such as algorithm development and efficient use of novel architectures, or provide significant improvement to community codes. Computational Physics is the program through which the Physics Division participates in the Computational and Data-Enabled Science and Engineering (CDS&E) program. The computational physics program is focused on investigations relevant to disciplines supported by the Physics Division, while encouraging broader impacts on other disciplines. Disciplines within the purview of the Physics Division include: atomic, molecular, optical, plasma, elementary particle, nuclear, gravitational and biological physics, particle astrophysics, and accelerator science. Proposals with intellectual focus in areas supported by other NSF Divisions should be submitted to those divisions directly. Proposals that cross Divisional lines are welcome, but the Physics Division encourages PIs to request a co-review by naming other Divisional programs on the cover sheet. This facilitates the co-review and participation of other programs in the review process. **PD 15-7244**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505206&WT.mc\\_id=USNSF\\_39&WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505206&WT.mc_id=USNSF_39&WT.mc_ev=click)

### **Condensed Matter and Materials Theory (CMMT)**

*National Science Foundation (NSF)*

**Due Date: Proposals Accepted Anytime**

CMMT supports theoretical and computational materials research in the topical areas represented in DMR's core or individual investigator programs, which include: Condensed Matter Physics (CMP),



Biomaterials (BMAT), Ceramics (CER), Electronic and Photonic Materials (EPM), Metals and Metallic Nanostructures (MMN), Polymers (POL), and Solid State and Materials Chemistry (SSMC). The program supports fundamental research that advances the conceptual understanding of hard and soft materials, and materials-related phenomena; the development of associated analytical, computational, and data-centric techniques; as well as predictive materials-specific theory, simulation, and modeling for materials research. The broad spectrum of research supported in CMMT includes first-principles, quantum many-body, statistical mechanics, classical and quantum Monte Carlo, and molecular dynamics methods. Computational efforts span from workstations to advanced and high-performance scientific computing. Emphasis is on approaches that begin at the smallest appropriate length scale, such as electronic, atomic, molecular, nano-, micro-, and mesoscale, required to yield fundamental insight into material properties, processes, and behavior, to predict new materials and states of matter, and to reveal new materials-related phenomena. Approaches that span multiple scales of length and time may be required to advance fundamental understanding of materials properties and phenomena, particularly for polymeric materials and soft matter. Examples of areas of recent interest appear in the program description. CMMT encourages potentially transformative theoretical and computational materials research, which includes but is not limited to: i) developing materials-specific prediction and advancing understanding of properties, phenomena, and emergent states of matter associated with either hard or soft materials, ii) developing and exploring new paradigms including cyber- and data-enabled approaches to advance fundamental understanding of materials and materials related phenomena, or iii) fostering research at interfaces among subdisciplines represented in the Division of Materials Research. Research involving significant materials research cyberinfrastructure development, for example, software development with an aim to share software with the broader materials community, should be submitted to CMMT through Computational and Data-Enabled Science and Engineering (CDS&E) within its annual proposal submission window in the fall. **NSF 16-596**

- URL: <http://www.nsf.gov/pubs/2016/nsf16596/nsf16596.htm>

## HEALTH, LIFE & EARTH SCIENCES

### Linked Standard Research Innovation Grants

*American Foundation for Suicide Prevention (AFSP)*

**Due Date: Letters of Intent 9/15/2016; Applications 11/15/2016**

These grants are awarded to investigators at any level performing research involving two or more unique sites with each site contributing unique expertise, as well as data collection. This grant mechanism is designed to encourage implementation of a common grant protocol at three or more sites. Applicants must provide a compelling rationale for the linked grant (more than availability of a larger sample size), designate who will be responsible for the overall conduct and quality control of the study, designate who will be responsible for the data analyses, and discuss how the work at the various sites will be coordinated. All AFSP research grants are designed to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, social work, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component. Survey data suggests that individuals who are LGBT are at greater risk for suicide attempts (Haas, Eliason et al. 2011). However, confirmation of this finding is needed across a wider range of samples and using a wider range of data collection methods. In an effort to learn more about this issue AFSP suggests that all AFSP-funded researchers who are collecting original data systematically assess research participants for sexual orientation and gender identity.

- URL: <https://afsp.org/our-work/research/grant-information/>

### NCI Small Grants Program for Cancer Research (NCI Omnibus R03)

*National Institutes of Health (NIH) - National Cancer Institute (NCI)*

**Due Date: 10/28/2016, 2/28/2017, 6/27/2017**

This funding opportunity announcement (FOA) supports small research projects on cancer that can be carried out in a short period of time with limited resources. 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. **PAR-16-416**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-416.html>

**Big Data to Knowledge (BD2K) Enhancing the Efficiency and Effectiveness of Digital Curation for Biomedical Big Data (U01)**

*National Institutes of Health (NIH)*

**Due Date: Letters of Intent 11/1/2016; Applications 12/15/2016**

The purpose of this BD2K Funding Opportunity Announcement (FOA) is to support the development, improvement and implementation of tools and approaches that increase the efficiency and effectiveness of digital curation processes used to characterize and describe the digital data used in or resulting from biomedical research. **RFA-LM-17-001**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-17-001.html>

**U.S. Small Grants Program**

*U.S. Department of the Interior (DOI) - U.S. Fish and Wildlife Service (USFWS) - North American Wetlands Conservation Act (NAWCA) Grants Programs*

**Due Date: 11/3/2016**

The Small Grants Program is a competitive, matching grants program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act (Act). These projects must involve long-term protection, restoration, and/or enhancement of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds. This program supports the same type of projects and adheres to the same selection criteria and administrative guidelines as the U.S. Standard Grants Program. However, project activities are usually smaller in scope and involve fewer project dollars. The North American Wetlands Conservation Council (Council) created the Small Grants Program in 1996 to encourage new grantees and partners to carry out smaller-scale, long-term wetlands conservation projects that may otherwise not be able to compete in the U.S. Standard Grants Program. The Small Grants Program has also become an important catalyst in developing a pool of new grantees and/or partners for the Standard Grants Program. Research funding is ineligible.

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=288249>

### **NLM Information Resource Grants to Reduce Health Disparities (G08)**

*National Institutes of Health (NIH) - National Library of Medicine (NLM)*

**Due Date: Letter of Intent 11/16/2016, Application 12/16/2016**

This Funding Opportunity Announcement (FOA) solicits resource grant applications for projects that will bring useful, usable health information to health disparity populations and their health care providers. Access to useful, usable, understandable health information is an important factor during health decisions. Proposed projects should exploit the capabilities of computer and information technology and health sciences libraries to bring health-related information to consumers and their health care providers. Because this FOA focuses on providing health information to health disparity populations, institutions with demonstrated commitment to the needs of health disparity communities (including Tribal Colleges and Universities (TCU), Historically Black Colleges and Universities (HBCU), Hispanic-Serving Institutions (HSI) and other institutions in rural and socially disadvantaged areas) are encouraged to apply. **RFA-LM-17-002**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-LM-17-002.html>

### **Geophysics (PH)**

*National Science Foundation (NSF)*

**Due Date: 12/9/2016, 6/9/2017**

The Geophysics Program supports basic research in the physics of the solid earth to explore its composition, structure, and processes from the Earth's surface to its' deepest interior. Laboratory, field, theoretical, and computational studies are supported. Topics include (but are not limited to) seismicity, seismic wave propagation, and the nature and occurrence of geophysical hazards; the Earth's magnetic, gravity, and electrical fields; the Earth's thermal structure; and geodynamics. Supported research also includes geophysical studies of active deformation, including geodesy, and theoretical and experimental studies of the properties and behavior of Earth materials. **NSF 16-598**

- URL: [http://www.nsf.gov/pubs/2016/nsf16598/nsf16598.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2016/nsf16598/nsf16598.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

## **AOSSM / Sanofi Osteoarthritis Grant (Osteoarthritis Basic Science Research Grant)**

*American Orthopaedic Society for Sports Medicine (AOSSM)*

**Due Date: 1/1/2017**

AOSSM, in partnership with Sanofi, offers a research grant program to fund investigations related to early osteoarthritis (OA) and/or prevention of OA progression. This grant reflects the growing recognition of the importance of osteoarthritis within sports medicine and orthopaedics. The grant will support either a clinical research study or a lab/basic science project. Proposed studies need not relate specifically to sports injuries and should also have broad applicability to OA in the general population. Projects involving viscosupplementation will not be considered for either grant. Applications will be reviewed for their potential impact on the field, the quality of study approach, and ability of investigator and site(s) to conduct and complete the proposed research. A list of research priorities identified by leaders in the field is below but applicants need not limit studies to only these issues.

### **Research Priorities:**

- 1) Current knowledge of early disease development is limited. Additional mechanistic studies are needed to characterize early events in osteoarthritis and how these might be affected by joint injury.
- 2) An increased understanding of disease initiation and the factors that drive disease could improve therapy development and selection. Identification of events that initiate and propagate disease is needed to achieve this goal.
- 3) Identification of specific acute injury mechanisms that may contribute to increased likelihood of disease progression, providing potential interventional targets.
- 4) Determination and optimization of treatment time courses to determine the validity of a mono or multi-therapeutic approach. Also it would be beneficial to determine the preferred time for intervention and identify therapeutic agents/procedures optimized for each phase and stage of injury or disease.
- 5) Continue to evaluate epigenetics and its potential to delay degenerative disease post-injury through modulation of gene expression. Continue to explore the potential for epigenetic based treatments.
- 6) Evaluate new potential chondroprotective agents, with a focus on agents/drugs that have prior FDA approval or could get fast approval.

- **URL:**[http://www.sportsmed.org/AOSSMIMIS/Members/Members/Research/Osteoarthritis\\_Grant.aspx](http://www.sportsmed.org/AOSSMIMIS/Members/Members/Research/Osteoarthritis_Grant.aspx)

### **BAYADA Awards**

*Drexel University*

**Due Date: 3/1/2017**

The BAYADA Award for Technological Innovation in Health Care Education and Practice, created in 2004 by BAYADA Home Health Care, recognizes health care providers who have made significant contributions to education or practice through the development or adoption of new technologies. The judges will consider the technology's innovativeness and its impact on health care education or direct patient care. The innovation must be new and be in use for six months or longer prior to submission of application. Applications must be submitted under one of the two categories listed below. Individual and Team submissions are welcome.

- URL: <http://drexel.edu/cnhp/about/BAYADA/>

## **NEW FACULTY / INVESTIGATOR**

### **AERA Awards Program: Early Career Award**

*American Educational Research Association (AERA)*

**Due Date: 11/5/2016 (anticipated)**

Established to honor an individual in the early stages of his or her career, this award can be granted for study in any field of educational inquiry.

- URL: <http://www.aera.net/About-AERA/Awards/AERA-2016-Call-for-Awards-Nominations>

### **Research Fellowships - Travel Stipends**

*University of Texas, Austin - Harry Ransom Center*

**Due Date: 11/15/2016**

Travel stipends are available for post-doctoral or independent scholars whose projects require less than one month's work with the Center's collections. Travel stipends may not be combined with other Ransom Center fellowships. The fellowships support research in all areas of the humanities, including literature, photography, film, art, the performing arts, music, and cultural history.

- URL: <http://www.hrc.utexas.edu/research/fellowships/application/>

## SOCIAL & BEHAVIORAL SCIENCES

### Linked Standard Research Innovation Grants

*American Foundation for Suicide Prevention (AFSP)*

**Due Date: Letters of Intent 9/15/2016; Applications 11/15/2016**

These grants are awarded to investigators at any level performing research involving two or more unique sites with each site contributing unique expertise, as well as data collection. This grant mechanism is designed to encourage implementation of a common grant protocol at three or more sites. Applicants must provide a compelling rationale for the linked grant (more than availability of a larger sample size), designate who will be responsible for the overall conduct and quality control of the study, designate who will be responsible for the data analyses, and discuss how the work at the various sites will be coordinated. All AFSP research grants are designed to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, social work, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component. Survey data suggests that individuals who are LGBT are at greater risk for suicide attempts (Haas, Eliason et al. 2011). However, confirmation of this finding is needed across a wider range of samples and using a wider range of data collection methods. In an effort to learn more about this issue AFSP suggests that all AFSP-funded researchers who are collecting original data systematically assess research participants for sexual orientation and gender identity.

- URL: <https://afsp.org/our-work/research/grant-information/>

### U.S. Programs: Grants - Soros Justice Fellowships - Advocacy Fellowships

*Soros Foundation - Open Society Foundations*

**Due Date: Letters of Intent 10/12/2016**

The Justice Fellowship support outstanding individuals -including lawyers, advocates, grassroots organizers, researchers, and others with unique perspectives- to undertake U.S. criminal justice reform projects at the local, state, and national levels. Projects may range from litigation to public education to coalition - building to grassroots mobilization to policy - driven research. Advocacy Fellowships are 18 months in duration, may be undertaken with the support of a host organization, and can begin in the spring or fall of 2017. There are two Advocacy Fellowship tracks: Track I, which is for people in the earlier stages of their careers in the field of criminal justice reform and who demonstrate the potential to develop into leaders in the field ; and Track II, which is for more experienced individuals with a proven record of achievement and expertise in the field, and who are proposing new, risky, untested,



or unconventional but promising ideas and approaches. The Foundation will consider projects that focus on one or more of our broad criminal justice reform goals: reducing mass incarceration, challenging extreme punishment, and promoting fairness and accountability in the justice system the United States. In our view, there are a number of things that can be done to advance these broad goals - for example, challenging the extremely long prison terms that have become the accepted norm as a response to serious and violent crimes; ending the punishment and harsh treatment of youth in the justice system; promoting police accountability; combating prosecutors' orientation toward harsh charging and sentencing practices; and fostering health-informed responses to drug use. However, for the fellowships the Foundation doesn't have a defined list of topics or issues that the foundation will consider. Instead, the Foundation expects applicants themselves to make the case that their projects have the potential to contribute something valuable to efforts to reduce mass incarceration, challenge extreme punishment, and promote fairness and accountability in the justice system. In this way, the fellowships are designed to be flexible and open -- a space for projects that build effectively on work that has come before, that explore new and creative ways of doing things, that take risks, that offer new insights and perspectives on what the Foundation thought it knew, and that teach the Foundation about what the Foundation doesn't know but should.

- URL: <https://www.opensocietyfoundations.org/grants/soros-justice-fellowships>

## **U.S. Programs: Grants - Soros Justice Fellowships - Media Fellowships**

*Soros Foundation - Open Society Foundations*

**Due Date: Letters of Intent 10/12/2016**

The Soros Justice Media Fellowships supports individuals proposing to complete media projects that engage and inform, spur debate and conversation, and catalyze change on important U.S. criminal justice issues. The Media Fellowships aims to mitigate the time, space, and market constraints that often discourage individuals from pursuing vital but marginalized, controversial, or unpopular topics in comprehensive and creative ways. Fellows are expected to make their projects their full-time work during the term of the fellowship.

### **There are two Media Fellowship tracks:**

- Track I is designed for new and emerging media makers.
- Track II is aimed at more experienced individuals.

### **Specific Justice Fund Priorities**

The broad goals of reducing mass incarceration, challenging extreme punishment and promoting justice system accountability are just that - broad. While there are countless critical issues that relate to these three goals, the Justice Fund's overall work currently prioritizes a set of more specific and focused criminal justice reform issues that directly and explicitly seek to:

- Reduce jail and prison populations
- Eliminate the so-called "collateral consequences" of criminal convictions, i.e. the ways in which people with a criminal record face barriers to employment, housing, education, and other life necessities and opportunities
- Abolish the death penalty
- End harsh treatment of youth in the justice system, with a particular focus on youth who are subject to policies, practices, and systems designed for adults, e.g. youth tried and sentenced as adults, youth placed on sex offense registries
- Promote police accountability, with a focus on combatting discriminatory policing
- Improve public defense services (although the Justice Fund is currently assessing its grantmaking strategies related to this priority in terms of its support to organizations, public defense reform remains a priority for purposes of fellowships to individuals)
- Foster new approaches to drug policy, with an emphasis on work that advances non-punitive responses to drug use and drug markets, and that supports health-centered approaches to serving populations currently targeted by punitive drug law enforcement.

The fellowships program will consider a wide range of media projects and products, including but not limited to: print and broadcast journalism, documentary films, books, digital media, as well as projects that utilize a mix of platforms or mediums. Regardless of platform or medium, all Media projects must address one or more of the "Specific Justice Fund Priorities" listed above. The fellowships program neither requires nor expects Media projects to reflect or endorse a particular viewpoint or position on any policy or practice implicated by these priorities; and accommodates a wide range of perspectives and professional orientations to the issues that are the subject matter of applicants' work. The Foundation will consider work that remains decidedly neutral, as well as work that explicitly seeks to achieve or otherwise contribute to particular advocacy objectives. The overriding consideration is whether the project is likely to engage and inform, spur debate and conversation, or catalyze change.

### **Intersectional Projects**

The Foundation recognizes that criminal justice reform issues, whether related to our broad goals or more specific priorities, are exceptionally complex and involve an array of interrelated social, economic, political, and historical dynamics. It therefore encourages applications that demonstrate a clear understanding of the intersection of criminal justice issues with the particular needs of low-income communities; communities of color; immigrants; LGBTQ people; women and children; and those otherwise disproportionately affected by harsh criminal justice policies. It also welcome projects that cut across various criminal justice fields and related sectors, such as education, health and mental health, housing, and employment

Projects that wholly or primarily involve documentary photography (production or distribution) are not eligible for funding.

- **URL:** <https://www.opensocietyfoundations.org/grants/soros-justice-fellowships>

## **Special Initiatives: The Social, Economic and Political Effects of the Affordable Care Act**

*Russell Sage Foundation (RSF)*

**Due Date: Letters of Inquiry 10/31/2016; Full Proposals 2/27/2017**

The Affordable Care Act (ACA) of 2010 represents the most significant reform of the U.S. health care system in decades. It was enacted with the goals of increasing access to health insurance, enhancing the quality of care and moderating the growth in costs. The new law is likely to have far reaching effects, beyond the way health insurance markets operate and beyond its impact on population health outcomes. It is those other social, economic and political effects of the ACA that the RSF seeks to understand. This RSF initiative will support innovative social science research on the social, economic and political effects of the Affordable Care Act. The RSF is especially interested in funding analyses that address important questions about the effects of the reform on outcomes such as financial security and family economic well-being, labor supply and demand, participation in other public programs, family and children's outcomes, and differential effects by age, race, ethnicity, nativity, or disability status. The RSF is also interested in research that examines the political effects of the implementation of the the new law, including changes in views about government, support for future government policy changes, or the impact on policy development outside of health care. Funding is available for secondary analysis of data or for original data collection. The RSF is especially interested projects that propose novel uses of existing data, as well as projects that propose to analyze newly available or underutilized data. Proposals to conduct laboratory or field experiments, in-depth qualitative interviews, and ethnographies are also encouraged. Smaller projects might consist of exploratory fieldwork, a pilot study, or the analysis of existing data. The Foundation encourages methodological variety and inter-disciplinary collaboration. All proposed projects must have well-developed conceptual frameworks and research designs. Analytical models must be specified and research questions and hypotheses (where applicable) must be clearly stated. The RSF will not fund research on the effects of the ACA on health care delivery or health outcomes (e.g., barriers to implementation, changes in the quality of care and health status, or trends in enrollment and affordability); other funders already do that. Examples of the kinds of topics and questions that are of interest include, but are not limited to, the following:

- **Financial Security and Family Economic Well-Being**
- **Labor Market Outcomes**
- **Public Program Participation**
- **Family and Children's Outcomes**
- **Immigrant Outcomes**
- **Effects on Politics, Political Culture, and Public Policy**
- **Outcomes for Underserved Groups**

- **URL: <http://www.russellsage.org/research/social-economic-and-political-effects-affordable-care-act>**

## STUDENTS

### **Ford Foundation Dissertation Fellowships**

*National Academies of Sciences, Engineering & Medicine - National Research Council (NRC) USA*

**Due Date: Dissertation and Postdoctoral 11/10/2016; Predoctoral 11/17/2016;**

**Supplementary Materials 1/10/2017**

Dissertation fellowships will be awarded in a national competition administered by the National Research Council (NRC) on behalf of the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students. Awards will be made for study in research-based Ph.D. or Sc.D. programs that include the following major disciplines and related interdisciplinary fields: American studies, anthropology, archaeology, art and theater history, astronomy, chemistry, communications, computer science, cultural studies, earth sciences, economics, education, engineering, ethnic studies, ethnomusicology, geography, history, international relations, language, life sciences, linguistics, literature, mathematics, performance study, philosophy, physics, political science, psychology, religious studies, sociology, urban planning, and women's studies. Also eligible are interdisciplinary ethnic studies programs, such as African American studies and Native American studies, and other interdisciplinary programs, such as area studies, peace studies, and social justice. Fellowships are tenable at any fully accredited, non-proprietary (not for profit) U.S. institution of higher education offering a Ph.D. or Sc.D. degree in the eligible fields of study.

- URL: <http://sites.nationalacademies.org/PGA/FordFellowships/index.htm>

### **Research Fellowships - Dissertation Fellowships**

*University of Texas, Austin - Harry Ransom Center*

**Due Date: 11/15/2016**

Dissertation fellowships, generously supported by the Creekmore and Adele Fath Charitable Foundation and The University of Texas at Austin Office of Graduate Studies, are available for graduate students whose doctoral dissertations require use of the Center's collections. The fellowships support research in all areas of the humanities, including literature, photography, film, art, the performing arts, music, and cultural history.

- URL: <http://www.hrc.utexas.edu/research/fellowships/application/>

## **Program on Philanthropy and Social Innovation (PSI) - William Randolph Hearst Endowed Fellowship for Minority Students**

*Aspen Institute*

**Due Date: 11/22/2016 (Spring Deadline), 3/17/2017 (Summer Deadline), 9/8/2017 (Fall Deadline)**

The Aspen Institute Program on Philanthropy and Social Innovation (PSI) in Washington, DC, offers this fellowship three times annually. The Hearst Fellow serves as an intern with PSI in the Washington, DC office of the Aspen Institute. PSI seeks to inform and maximize the impact of grantmaking foundations, nonprofit organizations, social enterprises, and public-private partnerships through leadership development initiatives, convenings, and communications so that each can contribute to the good society at home and abroad. Through this fellowship, PSI seeks to introduce a diverse group of students to issues and challenges affecting philanthropy, social enterprise, nonprofit organizations, and other actors in the social sector. Recipients may arrange with their colleges or universities to receive academic credit for this experience. In his or her internship, the Hearst Fellow undertakes research, writing, logistical, and administrative support for PSI's leadership initiatives, public programs, and convenings.

- **URL:** <https://www.aspeninstitute.org/programs/program-on-philanthropy-and-social-innovation-psi/william-randolph-hearst-endowed-fellowship-for-minority-students/>

## **Selected Professions Fellowships**

*American Association of University Women (AAUW)*

**Due Date: 1/10/2017**

The Selected Professions Fellowships program was created in 1970 to support women in graduate and professional degree programs in fields where female participation traditionally has been low. Women in two categories are eligible to apply: the Science and Technology Group and the Focus Professions Group.

### **Science and Technology Group Fellowships**

The following disciplines and master's level degrees are eligible for fellowship funding in any year of study:

- Architecture (M.Arch.)
- Computer/information science (MS)
- Engineering (ME, MS)
- Mathematics/statistics (MS)

### **Focus Professions Group Fellowships**

Open only to women from ethnic minority groups historically underrepresented in certain fields within the United States: Black/African American, Mexican American, Puerto Rican and other Hispanic, Native American/Alaska Native, and Asian American/Pacific Islander. The designated fields eligible for fellowship funding are:

- Business administration (MBA) - applicants may apply for second year of study only
- Law (JD) - applicants may apply for third year of study only
- Medicine (MD), (DO) - applicants may apply for third or fourth year of study only
  
- **URL:** <http://www.aauw.org/what-we-do/educational-funding-and-awards/selected-professions-fellowships/>