

Funding Bulletin

June 3rd, 2016 (Vol. 3, No. 17)

Funding Information

To receive funding information, please contact 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. 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 to have a custom search ran.

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How to Apply

Proposal development requests should be sent to 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 or 978-3285.

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IP Disclosure Form Open Lab	June 7	2:00 – 4:00 p.m.	Devlin Hall Innovation Hub 215	Come with your questions and get assistance completing an IP disclosure form for your ideas, technology, curriculum, research and more. <i>These are come-and-go labs with no registration required.</i>
Pivot Open Lab	June 23	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. <i>This is a come and go lab with no registration required.</i>

NOTICES

National Science Foundation (NSF) Improving Graduate Student Preparedness for Entering the Workforce, Opportunities for Supplemental Support

The NSF announces funding available in FY 2016 and FY 2017 to support science and engineering doctoral students so that they can acquire the knowledge, experience, and skills needed for highly productive careers, inside and outside of academe. This Dear Colleague Letter (DCL) describes a variety of opportunities across the Foundation designed to explore approaches that will position NSF-funded graduate students for success in the 21st century Science, Technology, Engineering, and Mathematics (STEM) workforce. NSF will consider support for supplements to existing research awards to enhance professional development opportunities for students in PhD programs. Interested investigators should contact the cognizant program officers listed on the funding opportunity announcement appropriate to their discipline. Enhanced experience supplements will enable single/collaborative awardees to request appropriate levels of additional support for existing graduate students to acquire professional development experience that will broaden avenues for entering the workforce. These supplements would provide graduate students with the opportunity to augment their research assistantships, and in some

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cases fellowships and traineeships, with additional "mentoring" activities and short-term training opportunities. Enhanced activities supplements will be available to existing, larger institution-level, "center-like" activities to support cohorts of graduate students with the goal of developing new "best practice activities" for enhancing graduate student preparedness for entering the workforce. For more information about program specific requirements, please see <http://www.nsf.gov/pubs/2016/nsf16067/nsf16067.jsp>

Pivot and ORCID Citations Are Now Synced

ProQuest is enabling automated updates from ORCID to scholar profiles in its Pivot® research solution. Now, citations added or updated in a scholar's ORCID profile will cascade seamlessly into their Pivot profile. Pivot uses researchers' profile information in its recommendation engine, matching grants and collaborators to researchers. Integration of the updated publication information helps Pivot learn more about the scholar's research area, improving the recommendation for funding sources and collaborators. This latest enhancement to Pivot eliminates the need to key citations in the Pivot profile, freeing investigators to spend more time evaluating opportunities. ORCID provides a persistent digital identifier (ORCID iDs) for researchers that ensures their work is recognized. Researchers can use these ORCID iDs to connect to contributions and affiliations during their regular activities, including submission of manuscripts, dissertations, or datasets; grant applications; and in student or employee directory and profile systems.

About ORCID (<http://orcid.org/>)

ORCID is an open, non-profit, community-based effort to provide a registry of unique researcher identifiers and a transparent method of linking research activities and outputs to these identifiers.

Upcoming Pivot Training Webinars

For more information and to register: www.proquest.com/go/webinars-pivotusers

WSU Pivot User Satisfaction Survey

The Office of Research has created a short survey to gauge user satisfaction for Pivot, the comprehensive funding database that the university subscribes to. Participation is confidential and optional; results will be utilized to evaluate customer satisfaction with funding search support. Your feedback is appreciate! Please follow the link below to access the survey:

https://wichtastate.co1.qualtrics.com/jfe/form/SV_db6YUit2HA8c6x

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, by the internal due date listed in the Funding Bulletin if you wish to submit a limited submission program. **There are currently *eleven* open limited submission competitions:**

(1) Modular Chemical Process Intensification Institute for Clean Energy Manufacturing
U.S. Department of Energy (DoE) – Office of Energy Efficiency and Renewable Energy (EERE)
Due Date: Internal 6/3/2016; Concept Paper 6/15/2016; Full Proposal 8/17/2016

The Office of Energy Efficiency and Renewable Energy (EERE), within the U.S. Department of Energy (DOE), invests in cutting-edge research, development, and demonstration (RD&D) activities focused on sustainable transportation, renewable power, and energy efficiency. A core element of EERE's mission is to enhance U.S. global competitiveness in innovation and manufacturing in emerging clean energy industries. To address this core element, EERE launched its Clean Energy Manufacturing Initiative (CEMI) in 2013 with the goal of significantly increasing U.S. manufacturing competitiveness in the production of clean energy products and in domestic manufacturing across the board by increasing industrial energy productivity. EERE's Advanced Manufacturing Office (AMO) plays a key role in executing the mission for CEMI by supporting research and development projects, shared research facilities and technical consortia, and technical assistance programs. AMO partners with private and public stakeholders to support the research, development, demonstration, and deployment (RDD&D) of innovative technologies that can improve U.S. competitiveness, save energy, and ensure global leadership in manufacturing of clean energy technologies as well as improve energy efficiency and reduce energy consumption in manufacturing. Specifically, AMO invests in cost-shared RDD&D activities in support of cross-cutting next generation materials and manufacturing processes that hold high potential to significantly improve energy efficiency and reduce energy-related emissions, industrial waste, and the life-cycle energy consumption of manufactured products. EERE's AMO establishes Manufacturing Innovation Institutes in the President's National Network for Manufacturing Innovation (NNMI) as shared research, development, and demonstration facilities to overcome cross-cutting challenges related to the manufacturing of clean energy and energy efficiency products, in addition to challenges associated with improving the energy efficiency of the manufacturing sector across the board.¹ This FOA supports the establishment of a Manufacturing Innovation Institute on Modular Chemical Process Intensification for Clean Energy Manufacturing. Modular chemical process intensification represents an emerging opportunity for processing industries in the U.S. manufacturing sector to improve energy efficiency, reduce feedstock waste, and improve productivity by merging and integrating separate unit processes (mixing, reactions, separation) into single modular hardware elements of reduced size, with higher efficiency and providing inherent scalability. The opportunity to

be addressed in this FOA is the applied research, development, and demonstration, of Modular Chemical Process Intensification technology for processing industries in the U.S. manufacturing sector, to improve energy efficiency, reduce feedstock waste, increase scalability, increase potential for the use of distributed energy resources and feedstocks, and improve productivity. **DE-FOA-0001578** *An entity may only submit one Concept Paper and one Full Application for consideration under this FOA.*

- URL: <https://eere-exchange.energy.gov/#Foald9121dd0f-ea3d-48b2-89d5-f51c6d379bf1>

(2) BD2K Predoctoral Training in Biomedical Big Data Science (T32)

National Institutes of Health (NIH)

Due Date: Internal 6/10/2016; Application 7/25/2016

The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for graduate training programs in Big Data Science, for the expressed purpose of training the next generation of scientists who will develop computational and quantitative approaches and tools needed by the biomedical research community to work with Big Data in the biomedical sciences. The proposed training programs should prepare qualified individuals for careers in developing new technologies and methods that will allow biomedical researchers to maximize the value of the growing volume and complexity of biomedical data. **RFA-LM-16-002** *Only one application per institution, identified by a unique DUNS number, will be accepted.*

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-LM-16-002.html>

(3) Mallinckrodt Grants

Mallinckrodt Foundation, Edward Jr.

Due Date: Internal 6/10/2016; Application 8/1/2016

The mission of the Foundation is to support early stage investigators engaged in basic biomedical research that has the potential to significantly advance the understanding, diagnosis or treatment of disease. The funds are designed to provide new faculty members with support to move the project forward to the point where R01 or other independent funding can be obtained. **Effective April 20, 2016, only one applicant per institution will be accepted.**

- URL: <http://www.emallinckrodtfoundation.org/Application.html>

(4) Art Works: Arts Education

National Endowment for the Arts (NEA)

Due Date: Internal 6/10/2016; Step 1 Application 7/14/2016, Step 2 Submit Materials to NEA-GO 7/28/2016

The guiding principle of "Art Works" is at the center of everything we do at the NEA. "Art Works" refers to three things: the works of art themselves, the ways art works on audiences, and the fact that art is work for the artists and arts professionals who make up the field. Art works by enhancing the value of individuals and communities, by connecting us to each other and to something greater than ourselves, and by empowering creativity and innovation in our society and economy. The arts exist for beauty itself, but they also are an inexhaustible source of meaning and inspiration. The NEA recognizes these catalytic effects of excellent art, and the key role that arts and design organizations play in revitalizing them. To deepen and extend the arts' value, including their ability to foster new connections and to exemplify creativity and innovation, we welcome projects that:

- Are likely to prove transformative with the potential for meaningful change, whether in the development or enhancement of new or existing art forms, new approaches to the creation or presentation of art, or new ways of engaging the public with art;
- Are distinctive, offering fresh insights and new value for their fields and/or the public through unconventional solutions; and
- Have the potential to be shared and/or emulated, or are likely to lead to other advances in the field.

Beyond encouraging projects that demonstrate these characteristics, we want to achieve the following four objectives through the Art Works category:

- Creation: The creation of art that meets the highest standards of excellence,
- Engagement: Public engagement with diverse and excellent art,
- Learning: Lifelong learning in the arts, and
- Livability: The strengthening of communities through the arts.

Generally, an organization is limited to one application per year under the Art Works category.

- URL: <https://www.arts.gov/grants-organizations/art-works/arts-education>

(5) Art Works II

National Endowment for the Arts (NEA)

Due Date: Internal 6/10/2016; Step 1 Application 7/14/2016, Step 2 Submit Materials to NEA-GO 7/28/2016

"Art Works" refers to three things: the works of art themselves, the ways art works on audiences, and the fact that art is work for the artists and arts professionals who make up the field. Art works by enhancing the value of individuals and communities, by connecting us to each other and to something greater than ourselves, and by empowering creativity and innovation in our society and economy. The arts exist for beauty itself, but they also are an inexhaustible source of meaning and inspiration. The NEA recognizes these catalytic effects of excellent art, and the key role that arts and design organizations play in revitalizing them. To deepen and extend the arts' value, including their ability to foster new connections and to exemplify creativity and innovation, NEA welcomes projects that:

- Are likely to prove transformative with the potential for meaningful change, whether in the development or enhancement of new or existing art forms, new approaches to the creation or presentation of art, or new ways of engaging the public with art;
- Are distinctive, offering fresh insights and new value for their fields and/or the public through unconventional solutions; and
- Have the potential to be shared and/or emulated, or are likely to lead to other advances in the field.

Beyond encouraging projects that demonstrate these characteristics, NEA wants to achieve the following four objectives through the Art Works category:

- Creation: The creation of art that meets the highest standards of excellence,
- Engagement: Public engagement with diverse and excellent art,
- Learning: Lifelong learning in the arts, and
- Livability: The strengthening of communities through the arts.

An organization may submit only one application under these FY 2017 Art Works guidelines, with few exceptions, please refer to the solicitation for details.

- URL: <https://www.arts.gov/grants-organizations/art-works/grant-program-description>

(6) Media Projects: Production Grants

National Endowment for the Humanities (NEH)

Due Date: Internal 6/24/2016; Application 8/10/2016

Production grants support the production and distribution of digital projects, films, television programs, radio programs, and related programs that promise to engage the public. Media Projects grants support the following formats:

- film and television projects; and
- radio projects.

Film and television projects may be single programs or a series addressing significant figures, events, or ideas. Programs must be intended for national distribution. The Division of Public Programs welcomes projects ranging in length from short-form to broadcast-length video. Radio projects may involve single programs, limited series, or segments within an ongoing program. They may also develop new humanities content to augment existing radio programming or add greater historical background or humanities analysis to the subjects of existing programs. They may be intended for regional or national distribution. NEH encourages projects that engage public audiences through multiple formats in the exploration of humanities ideas. Proposed projects might include complementary components to a film, television, or radio project. These components should deepen the audience's understanding of the subject: for example, websites, mobile applications, museum exhibitions, book/film discussion programs, or podcasts. **Production grants** support the production and distribution of films, television programs, radio programs, and related programs that promise to engage the public. ***Applicants may not submit multiple applications for the same project at the same deadline. If an application for a project is already under review, another application for the same project cannot be accepted by this or any other NEH grant opportunity.***

- URL: <http://www.neh.gov/grants/public/media-projects-production-grants>

(7) Media Projects: Development Grants

National Endowment for the Humanities (NEH)

Due Date: Internal 6/24/2016; Application 8/10/2016

Development Grants support film, television, and radio projects for general audiences that encourage active engagement with humanities ideas in creative and appealing ways. All projects must be grounded in humanities scholarship in disciplines such as history, art history, film studies, literature, drama, religious studies, philosophy, or anthropology. Projects must also demonstrate an approach that is thoughtful, balanced, and analytical (rather than celebratory). The approach to the subject matter must go beyond the mere presentation of factual information to explore its larger significance and stimulate critical thinking. NEH is a national funding agency, so the projects we support must

demonstrate the potential to attract a broad general audience. Humanities projects are welcomed that are tailored to particular groups, such as families, youth (including K-12 students), teachers, seniors, at-risk communities, and veterans, but they should also strive to cultivate a more inclusive audience. Film and television projects may be single programs or a series addressing significant figures, events, or ideas. Programs must be intended for national distribution, via traditional carriage or online distribution. The Division of Public Programs welcomes projects that range in length from short-form to broadcast-length video. Radio projects, including podcasts, may involve single programs, limited series, or segments within an ongoing program. They may also develop new humanities content to augment existing radio programming or add greater historical background or humanities analysis to the subjects of existing programs. They may be intended for regional or national distribution. NEH encourages projects that engage public audiences through multiple formats in the exploration of humanities ideas. Proposed projects might include complementary components to a film, television, or radio project. These components should deepen the audience's understanding of the subject in a supplementary manner: for example, book/film discussion programs, supplementary educational websites, or museum exhibitions. **Development grants** enable media producers to collaborate with scholars to develop humanities content and to prepare programs for production. Grants should result in a script or treatment and should also yield a detailed plan for outreach and public engagement. ***Applicants may not submit multiple applications for the same project at the same deadline. If an application for a project is already under review, another application for the same project cannot be accepted by this or any other NEH grant opportunity.***

- URL: <http://www.neh.gov/grants/public/media-projects-development-grants>

(8) Physics Frontiers Centers (PFC)

National Science Foundation (NSF)

Due Date: Internal 6/24/2016; Preliminary Proposals 8/1/2016; Full Proposals 1/30/2017

The PFC program supports university-based centers and institutes where the collective efforts of a larger group of individuals can enable transformational advances in the most promising research areas. The program is designed to foster major breakthroughs at the intellectual frontiers of physics by providing needed resources such as combinations of talents, skills, disciplines, and/or specialized infrastructure, not usually available to individual investigators or small groups, in an environment in which the collective efforts of the larger group can be shown to be seminal to promoting significant progress in the science and the education of students. Activities supported through the program are in all sub-fields of physics within the purview of the Division of Physics: atomic, molecular, optical, plasma, elementary particle, nuclear, astro-, gravitational, and biological physics. Interdisciplinary projects that connect these physics areas to other disciplines and physics sub-fields not within the purview of the Physics Division may also be considered, although the bulk of the effort should fall within one of those areas within the purview of the Physics Division. Proposals using experimental, theoretical, or

computational methods, or any combination, will be considered. The successful PFC activity will demonstrate: (1) the potential for a profound advance in physics; (2) creative, substantive activities aimed at enhancing education, diversity, and public outreach; (3) potential for broader impacts, e.g., impacts on other field(s) and benefits to society; (4) a synergy or value-added rationale that justifies a center- or institute-like approach. **No more than two preliminary proposals may be submitted by any one institution. The same limitation applies to full proposals. While more than one institution may participate in a single proposal or preliminary proposal, a single institution must accept overall management responsibility for the PFC. Although collaborations between institutions are strongly encouraged, the proposal must be submitted by only one institution with funding provided to the other institutions through subawards; use of separately submitted collaborative proposals is not permitted.** NSF 16-561

- URL: <http://www.nsf.gov/pubs/2016/nsf16561/nsf16561.htm>

(9) NIH Director's Early Independence Awards (DP5)

National Institutes of Health (NIH) - National Institute of Dental & Craniofacial Research (NIDCR)

Due Date: Internal 7/1/2016; Letters of Intent 8/12/2016; Applications 9/12/2016

The NIH Director's Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career. **Only up to two applications per institution are allowed.** RFA-RM-16-006

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-16-006.html>

(10) Institutional Research and Academic Career Development Awards (IRACDA) (K12)

National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)

Due Date: Internal 8/5/2016; Application 9/19/2016

The purpose of the Institutional Research and Academic Career Development Award (IRACDA) Program is to develop a group of highly trained biomedical scientists to address the Nation's biomedical workforce needs. The strategy is to promote effective partnerships between research-intensive institutions (RII) and partner institutions that have a historical mission or a demonstrated commitment to educating students from backgrounds underrepresented in the biomedical research enterprise of the nation. The IRACDA program provides support for a traditional mentored postdoctoral research experience at an RII combined with an opportunity for these fellows to develop critical academic skills,

including teaching, through workshops and mentored teaching assignments at a partner institution. The primary goals of the IRACDA program are to (1) develop a group of highly trained biomedical scientists who have the necessary knowledge and skills to pursue independent research and teaching careers in academia; and (2) enhance science educational offerings at partner institutions, and promote links between RII and the partner institution(s) through research and teaching collaborations. **Only one application per institution is allowed. PAR-16-103**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-16-103.html>

(11) Summer Stipends

National Endowment for the Humanities (NEH)

Due Date: Internal 8/5/2016; Nominations 9/29/2016

Summer Stipends support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Eligible projects usually result in articles, monographs, books, digital materials and publications, archaeological site reports, translations, editions, or other scholarly resources. Summer Stipends support projects at any stage of development. Faculty members teaching full-time at colleges or universities must be nominated by their institutions to apply for a Summer Stipend. Once faculty members are nominated by their institutions, they may submit their applications. ***Each college and university in the United States and its jurisdictions may nominate two faculty members.***

- URL: <http://www.neh.gov/grants/research/summer-stipends>

INTERNAL OPPORTUNITIES

The next available internal opportunities will be: 1) Multi-disciplinary Research Projects Award (MURPA) and 2) University Research/Creative Award (URCA) - Round 2. Both will have October 2016 deadlines. For more information, visit

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

Check back in late summer for updated instructions and application forms for both opportunities.

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GENERAL

Susan Harwood Training Grant Program - Capacity Building and Targeted Topics

U.S. Department of Labor (DOL) - Occupational Safety and Health Administration (OSHA)

Due Date: 6/28/2016

The Susan Harwood Training Grant Program provides funds for non-profit organizations to develop training materials and train workers and/or employers to recognize, abate, and prevent safety and health hazards in their workplaces and provide related assistance. Applicants are encouraged but not required to develop training materials. **The program emphasizes seven areas:**

1. Training workers and/or employers on identifying and means of preventing serious safety and health hazards identified by OSHA through the DOL's Strategic Plan, as part of an OSHA special emphasis program, or other OSHA priorities. (see <http://www.osha.gov>).
2. Educating workers on their rights and educating employers on their responsibilities under the OSH Act.
3. Educating workers and/or employers in small businesses. For purposes of this grant program, a small business is one with 250 or fewer employees.
4. Training workers and/or employers about new OSHA standards.
5. Training at-risk and/or low-literacy worker populations.
6. Providing technical assistance to employers and workers.
7. Developing and disseminating materials to train and educate workers.

Under this funding opportunity announcement, OSHA will accept applications for Capacity Building grants. Capacity Building grants are longer-term grants that build safety and health competency. Applications for Capacity Building grants should focus on developing and/or expanding the capacity of an applicant organization to provide safety and health training, education, and related assistance to the targeted audiences. Activities related to the Capacity Building Plan should be detailed as per Section VI.G.4.b)(1). Organizations will be expected to institutionalize organizational capacity to provide safety and health training, education, and related assistance services within the organization to assist workers and employers on an ongoing basis, and to ensure that services will continue after the grant ends. The continuation and level of funding for these grants are subject to annual appropriation of funds by DOL and a determination that the project is achieving the approved objectives.

Two Capacity Building grant categories are being announced under this funding opportunity:

1. Capacity Building Developmental

Developmental grants support and assist organizations who through past activities have established a capability to provide occupational safety and health training, education, materials development, and/or technical assistance. Applicants will be expected to conduct a significant number of training programs addressing occupational safety and health hazards identified in a needs assessment. Applicants are strongly encouraged to develop educational materials, and to provide technical

assistance. Each grant recipient must develop a comprehensive plan for becoming a center of safety and health competence and financially self-sufficient within the three to four years an organization needs to build capacity. Based on satisfactory performance, Capacity Building Developmental grants may be eligible for additional 12-month follow-on grants.

2. Capacity Building Pilot

Pilot grants are intended to assist organizations able to demonstrate a potential for meeting the objectives of the Susan Harwood Training Grant Program, but that need to assess capabilities, needs and priorities; and formulate objectives before moving forward into developing a full-scale program. Recipients of Capacity Building Pilot grants will be required to initiate limited program operations during the 12-month period. The program operations should be small-scale or pilot projects, used to complement the organization's planning and pilot activities. Upon successful completion of its planning and pilot activities, an organization may apply for a Capacity Building Developmental grant in the next fiscal year cycle they are offered. Capacity Building Pilot grants are not eligible for follow-on grants.

Two grant categories are also being announced for *Targeted Topics* grants:

1. Targeted Topic Training

The emphasis for applications submitted for Targeted Topic Training grants should be on developing and conducting quality training for multiple employers and/or their workers, and the development of quality safety and health training and educational materials addressing safety and health hazards associated with one of the OSHA selected training topics listed in Section VI.G.1.c). Technical assistance may be proposed in addition to the training.

2. Targeted Topic Training and Educational Materials Development

Applicants for the Targeted Topic Training and Educational Materials Development grant category are expected to develop, evaluate, and validate classroom quality training and educational materials for one of the audiences listed in Section II.C. and on an OSHA-selected training topic, as listed in Section VI.G.1.c). The purpose is to produce quality training materials and educational materials that fill an unmet need and that have broad applicability. OSHA requires training materials to be pilot-tested for evaluation and validation purposes. To that extent, Targeted Topic Training and Educational Materials Development grantees must propose to conduct limited training in the work plan, but it should not be a significant element.

- URL: <https://www.osha.gov/dte/sharwood/>

BBVA Foundation Frontiers of Knowledge Awards

Fundacion BBVA - BBVA Foundation

Due Date: 6/30/2016

The awards seek to recognize and encourage world-class research and artistic creation, prizing contributions of broad impact for their originality and theoretical significance. The name of the scheme is intended to encapsulate both research work that successfully enlarges the scope of the current knowledge - pushing forward the frontiers of the known world - and the meeting and overlap of different disciplinary areas. The awards honor fundamental disciplinary or supradisciplinary advances in a series of basic, natural, social and technological sciences, as listed in the following paragraph. They also recognize creative activity of excellence in the classical music of the time. Finally, categories are reserved for two core concerns of early 21st century society, climate change and socioeconomic development cooperation, with awards going alternatively to outstanding research work or projects of a diverse nature that mark a significant advance in addressing these global challenges. The awards, to be given annually, take in the following prize categories:

- **Basic Sciences (Physics, Chemistry, Mathematics)**
- **Biomedicine**
- **Ecology and Conservation Biology**
- **Information and Communication Technologies**
- **Economics, Finance and management**
- **Contemporary Music**
- **Climate Change**
- **Development Cooperation**

- **URL:** <http://www.fbbva.es/TLFU/tlfu/ing/microsites/premios/fronteras/presentacion/index.jsp>

Grants

Mazda Foundation

Due Date: 7/1/2016

Organizations that have submitted an application that is of interest to the Foundation will be required to submit a formal proposal. Based on the information received, a meeting between Foundation officers and the organization may be scheduled.

The Foundation awards grants to programs promoting:

- Education and literacy
- Environmental conservation
- Cross-cultural understanding
- Social Welfare
- Scientific Research

- **URL:** http://www.mazdafoundation.org/Grant_Guidelines.html

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Regional Alliances and Multistakeholder Partnerships to Stimulate (RAMPS) Cybersecurity Education and Workforce Development

U.S. Department of Commerce (DOC) - National Institute of Standards and Technology (NIST)

Due Date: 7/12/2016

The National Initiative for Cybersecurity Education (NICE), led by NIST, is soliciting applications from eligible applicants for the establishment of state or regional consortia to identify cybersecurity workforce development pathways that address local workforce needs. **2016-NIST-NICE-01**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=283764>

Science of Organizations (SoO)

National Science Foundation (NSF)

Due Date: 9/3/2016, 2/2/2017

Organizations -- private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit -- are critical to the well-being of nations and their citizens. They are of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The Science of Organizations (SoO) program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities. SoO welcomes any and all rigorous, scientific approaches that illuminate aspects of organizations as systems of coordination, management and governance. **PD 11-8031**

- URL: http://www.nsf.gov/funding/pam_summ.jsp?pims_id=504696

ARTS & HUMANITIES

Humanities Open Book Program

National Endowment for the Humanities (NEH)

Due Date: 9/13/2016

This program is designed to make outstanding out-of-print humanities books available to a wide audience. By taking advantage of low-cost "ebook" technology, the program will allow teachers, students, scholars, and the public to read humanities books that have long been out of print. Humanities Open Book is jointly sponsored by NEH and the Andrew W. Mellon Foundation. Traditionally, printed books have been the primary medium for expressing, communicating, and debating humanistic ideas. However, the vast majority of humanities books sell a small number of copies and then quickly go out of print. Most scholarly books printed since 1923 are not in the public domain and are not easily available to the general public. As a result, there is a huge, mostly untapped resource of remarkable scholarship going back decades that is largely unused by today's scholars, teachers, students, and members of the public, many of whom turn first to the Internet when looking for information. Modern ebook technology can make these books far more accessible than they are today.

- URL: <http://www.neh.gov/grants/odh/humanities-open-book-program>

Dialogues on the Experience of War

National Endowment for the Humanities (NEH)

Due Date: 9/15/2016

NEH is offering a new grant opportunity: the Dialogues on the Experience of War program. The program supports the study and discussion of important humanities sources about war, in the belief that these sources can help U.S. military veterans and others to think more deeply about the issues raised by war and military service. The humanities sources can be drawn from history, philosophy, literature, and film, and they may and should be supplemented by testimonials from those who have served. The discussions are intended to promote serious exploration of important questions about the nature of duty, heroism, suffering, loyalty, and patriotism. The program awards grants that will support the recruitment and training of discussion leaders; and, following the training program, the convening of at least two discussion programs. The discussion groups can take place on college campuses, in veterans' centers, at public libraries and museums, and at other community venues. Most of the participants in the discussion groups should be military veterans; others, such as men and women in active service, military families, and interested members of the public, may participate as well.

- URL: <http://www.neh.gov/grants/education/dialogues-the-experience-war>

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.

BUSINESS

SHRM Foundation Research Grants

Society for Human Resource Management (SHRM) Foundation

Due Date: 9/15/2016

The SHRM Foundation funds high impact HR research, aimed at an academic audience while also having direct actionable implications for HR practice, whether the focus is on addressing current challenges or understanding emerging trends. Any topic will be considered, however the grant must be for original rigorous empirical academic research that advances the HR profession. While aimed at an academic audience, funded research should also have clear applicability for HR practice and help contribute to evidence-based HR. As such, projects submitted for funding should have a high likelihood of both adding value to the HR academic literature (i.e., be suitable for leading academic journals) and yielding practical implications for HR managers (i.e., applied outlets should be interested in the research results). It is crucial that there is continuity between the research questions proposed and the methods used. The research should also be able to reasonably generalize across people and settings. Investigators should include a statement in the proposal regarding the individuals, groups, industry sectors or countries for which their findings are expected to generalize, given the sample and study design. The SHRM Foundation is open to funding research using any type of research methodology as long as the proposed methodology is sound and appropriate for the proposed research question(s). Those research questions typically (but not solely) take the form of theoretically derived hypotheses.

- URL: <https://www.shrm.org/about/foundation/research/pages/default.aspx>

EDUCATION

Teacher Quality Partnership (TQP)

U.S. Department of Education (ED)

Due Date: Notices of Intent 6/22/2016; Applications 7/7/2016

The Teacher Quality Partnership (TQP) Grant Program aims to increase student achievement by improving the quality of new prospective teachers by enhancing the preparation of prospective teachers and the professional development activities for current teachers; holding teacher preparation programs at institutions of higher education (IHEs) accountable for preparing talented, certified or licensed and effective teachers; and recruiting effective individuals, including minorities and individuals from other occupations, into the teaching force. More specifically, the TQP Grants Program seeks to improve the quality of new teachers by creating partnerships among IHEs, their schools/colleges of education and arts and sciences, high-need school districts (local educational agencies (LEAs)), their high-need schools, and/or high-need early childhood education (ECE) programs. These partnerships will create model teacher preparation programs at the pre-baccalaureate level (or in a 5th year initial licensing program) through the implementation of specific reforms of the IHE's existing teacher preparation programs, or model teaching residency programs for individuals with strong academic and/or professional backgrounds but without teaching experience.

- URL: <http://www2.ed.gov/programs/tqpartnership/index.html>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

National Science Foundation (NSF)

Due Date: 8/10/2016

With the goal of encouraging research independence immediately upon obtaining one's first academic position after receipt of the PhD, the Directorate for Computer and Information Science and Engineering (CISE) will award grants to initiate the course of one's independent research. Understanding the critical role of establishing that independence early in one's career, it is expected that funds will be used to support untenured faculty or research scientists (or equivalent) in their first three years in a primary academic position after the PhD, but not more than a total of five years after completion of their PhD. One may not yet have received any other grants or contracts in the Principal Investigator (PI) role from any department, agency, or institution of the federal government, including from the CAREER program or any other program, post-PhD, regardless of the size of the grant or contract, with certain exceptions noted below. Serving as co-PI, Senior Personnel, Postdoctoral Fellow, or other Fellow does not count against this eligibility rule. Grants, contracts, or gifts from private companies or foundations; state, local, or tribal governments; or universities do not count against this eligibility rule. It is expected that these funds will allow the new CISE Research Initiation Initiative PI to support one or more graduate students for up to two years. Faculty at undergraduate and two-year institutions may use funds to support undergraduate students, and may use the additional RUI designation. **NSF 16-565**

- URL: <http://www.nsf.gov/pubs/2016/nsf16565/nsf16565.htm>

NSF/DOE Partnership in Basic Plasma Science and Engineering

National Science Foundation (NSF)

Due Date: 10/21/2016

Plasma Physics is a study of matter and physical systems whose intrinsic properties are governed by collective interactions of large ensembles of free charged particles. 99.9% of the visible Universe is thought to consist of plasmas. The underlying physics of the collective behavior in plasmas has applications to space physics and astrophysics, materials science, applied mathematics, fusion science, accelerator science, and many branches of engineering. The National Science Foundation (NSF), with participation of the Directorates for Engineering, Geosciences, and Mathematical and Physical Sciences, and the Department of Energy, Office of Science, Fusion Energy Sciences are continuing the joint Partnership in Basic Plasma Science and Engineering begun in FY1997 and renewed several times since. As stated in the original solicitation (NSF 97-39), which is superseded by the present solicitation, the goal of the initiative is to enhance basic plasma research and education in this broad,

multidisciplinary field by coordinating efforts and combining resources of the two agencies. The current solicitation also encourages submission of proposals to perform basic plasma experiments at NSF and DOE supported user facilities, such as the Basic Plasma Science Facility at the University of California, Los Angeles and facilities located at DOE national laboratories, designed to serve the needs of the broader plasma community. **NSF 16-564**

- URL: <http://www.nsf.gov/pubs/2016/nsf16564/nsf16564.htm>

FAA Aviation Research and Development Grants

Federal Aviation Administration (FAA) – United States Department of Transportation (DOT)

Due Date: 12/31/2019

The FAA Research Grants Program encourages and supports innovative, advanced research of potential benefit to the long-term growth of civil aviation and Commercial Space Transportation. The pursuit of basic and applied research in scientific and engineering disciplines that have the potential to further knowledge and understanding on a broad front of emerging technologies is crucial to the realization of this goal. The intent is to encourage applied research and development to enhance technology assimilation, transfer, and development in the FAA. The Research Grants Program does not require the immediate application to Research, Engineering, and Development (R,E&D) programs, although this may occur in some cases. The agency encourages the submission of proposals that embrace the entire spectrum of physical, chemical, biological, medical, psychological, mathematical, and engineering sciences. The authorizing legislation that supports the Research Grants Programs covers two general categories: a) areas deemed by the Administrator to be required for the long-term growth of civil aviation; and b) areas related to research on the prevention of catastrophic failures. These specific areas of interest may be found within the broad program areas identified in the FAA R,E&D Plan, which comprises the agency's research and development initiatives. **FAA-12-01**

These areas, which contribute to the FAA mission of improving aviation safety, capacity, efficiency, and security, are:

1. Capacity and Air Traffic Control Technology
2. Communications, Navigation, and Surveillance
3. Aviation Weather
4. Airports
5. Aircraft Safety Technology
6. Human Factors and Aviation Medicine
7. Environment and Energy
8. Systems Science/Operations Research
9. Commercial Space Transportation

- URL: <http://www.tc.faa.gov/logistics/grants>

HEALTH, LIFE & EARTH SCIENCES

STTI/ATI Educational Assessment Nursing Research Grant

Sigma Theta Tau International Honor Society of Nursing (STTI)

Due Date: 7/1/2016

This grant co-sponsored by ATI Nursing Education (ATI) with the Honor Society of Nursing, Sigma Theta Tau International (STTI) will support research demonstrating the use of standardized assessments and curriculum support materials in nursing education. Possible research areas include, but are not limited to: admission and retention of students; assessing student performance and simulation.

- URL: <http://www.nursingsociety.org/advance-elevate/research/research-grants/stti-ati-educational-assessment-nursing-research-grant>

Investigator-Initiated Research Grants

National Institute for Health Care Management (NIHCM) - National Institute for Health Care Management Research and Educational Foundation (NIHCM Foundation)

Due Date: Letters of Inquiry 7/11/2016

The purpose of the grants is to support innovative research that will advance the existing knowledge base in the areas of health care financing, delivery, management and/or policy. Studies must have strong potential to yield insights that can be used to have a positive impact on the U.S. health care system by reducing spending, improving quality of care, and/or expanding access to insurance coverage and health care services.

- URL: <http://www.nihcm.org/grants/research-grants>

Prediction of and Resilience Against Extreme Events

National Science Foundation (NSF)

Due Date: Letters of Intent 7/29/2016; Full Proposals 9/19/2016

Natural disasters cause thousands of deaths annually, and in 2013 alone caused over \$130 billion in damage worldwide. There is clear societal need to better understand and mitigate the risks posed to the US by natural hazards, consistent with the mandate of the National Science Foundation (NSF) "...to promote the progress of science [and] advance the national health, prosperity, and welfare...." NSF and the Directorate for Geosciences (GEO) have long supported basic research in scientific and engineering disciplines necessary to understand natural hazards and extreme events, including through the



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Interdisciplinary Research in Hazards and Disasters (Hazards SEES) program and multiple core programs in the GEO Directorate. PREEVENTS is designed as a logical successor to Hazards SEES and is one element of the NSF-wide Risk and Resilience activity, which has the overarching goal of improving predictability and risk assessment, and increasing resilience, in order to reduce the impact of extreme events on our life, society, and economy. PREEVENTS will provide an additional mechanism to support research and related activities that will improve our understanding of the fundamental processes underlying natural hazards and extreme events in the geosciences. PREEVENTS is focused on natural hazards and extreme events, and not on technological or deliberately human-caused hazards. The PREEVENTS portfolio will include the potential for disciplinary and multidisciplinary research at all scales, particularly aimed at areas ripe for significant near- or medium-term advances. PREEVENTS seeks projects that will (1) enhance understanding of the fundamental processes underlying natural hazards and extreme events on various spatial and temporal scales, as well as the variability inherent in such hazards and events, and (2) improve our capability to model and forecast such hazards and events. All projects requesting PREEVENTS support must be primarily focused on these two targets. In addition, PREEVENTS projects will improve our understanding of the effects of natural hazards and extreme events and will enable development, with support by other programs and organizations, of new tools to enhance societal preparedness and resilience against such impacts. **NSF 16-562**

- URL: <http://www.nsf.gov/pubs/2016/nsf16562/nsf16562.htm>

Improving Physical Infrastructure to Enhance Animal Model Research: Revisions of Research Project Grants (R01)

National Institutes of Health (NIH) - Office of Research Infrastructure Programs (ORIP)

Due Date: 8/1/2016

This Funding Opportunity Announcement invites revision applications to active National Institute of Health (NIH) research project grant awards. The revised applications will seek support for improvements to physical infrastructure to enhance animal model research. The scope of the revisions will depend on the specific animal model-related research needs of the investigator and will range from requests for specialized equipment to support for alteration and renovation projects. It is expected that applicants will propose sustainable designs and use green technologies. **RFA-OD-16-008**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-16-008.html>

United States Special Operations Command - Extramural Biomedical Research and Development

U.S. Dept. of Defense (DOD) - U.S. Army Medical Research and Materiel Command (USAMRMC)

Due Date: Pre-proposals 8/1/2016, 11/15/2016, 4/14/2017

This BAA is intended to solicit extramural research and development ideas, and is issued under the provisions of the Competition in Contracting Act of 1984 (Public Law 98-369), as implemented in Federal Acquisition Regulation 6.102(d) (2) and 35.016. This announcement provides a general description of USSOCOM's research areas of interest, general information, evaluation and selection criteria, and proposal/application preparation instructions. In accordance with FAR 6.102, projects funded under this announcement must be for basic and applied research and that part of development not related to the development of a specific system or hardware procurement. Projects must be for scientific study and experimentation directed toward advancing the state-of-the-art or increasing knowledge or understanding. Projects that are for the development of a specific system or hardware procurement will not be considered. The selection process is highly competitive and the quantity of meaningful proposal/applications (both pre-proposal/pre-applications and full proposal/full applications) typically received exceed the number of awards that available funding can support. SOF medical personnel place a premium on medical equipment that is small, lightweight, ruggedized, modular, multi-use, and designed for operation in extreme environments. The equipment must be easy to use, require minimum maintenance, and have low power consumption. Drugs and biologics should not require refrigeration or other special handling. All materiel and related techniques must be simple and effective. Research projects may apply existing scientific and technical knowledge for which concept and/or patient care efficacy have already been demonstrated to meet SOF requirements.

1. Medical Simulation and Training Technologies: The proposed project must research, apply and/or develop improved pre-hospital combat casualty training with an emphasis on the SOF pre-hospital providers. Research involves technology based approaches, advanced generation trauma task trainers, and robotic training systems to include validation of system and training metrics/evaluation outcomes compared to currently used models. The effort includes research into best practices and new technologies for improved critical lifesaving skills and a cognitive behavioral approach to maximize training effectiveness. Priority will be given to proposals that result in a working prototype that can be field tested in cooperation with SOF training sites.

2. Prolonged Field Care: SOF medical personnel require capabilities for far-forward medical care to reduce the mortality and morbidity associated with major battlefield wounds, injuries, diseases, and associated sepsis. Prolonged Field Care should focus on novel treatments that support the ability to manage 3-5 patients across the spectrum of illness to multi system injury for a minimum of 5-7 days. The primary emphasis is to research, apply and/or develop medical techniques, pharmaceuticals, biologics and field sustainable, rapidly deployable medical devices for extended care beyond initial trauma resuscitation, to include austere/forward surgery while operating in disease endemic areas

where casualty evacuation is delayed or unavailable. Significant consideration will be given to proposals focused on Prolonged Field Care that may also relate to Sections 3 (a-d) and 4(a-b) of this BAA.

3. Damage Control Resuscitation: SOF medical personnel require capabilities for farforward medical care to reduce the mortality and morbidity associated with major battlefield wounds and injuries. The primary emphasis is to research, apply and/or develop medical techniques and materiel (medical devices and biologics) for optimal triage and early intervention in life-threatening battle injuries when casualty evacuation is not possible.

4. Portable Lab Assays and Diagnostics: The proposed project must research, apply and/or develop novel concepts for portable and environmentally stable far forward laboratory assays and diagnostics. Equipment should be extremely portable, ruggedized, use limited or no external power and any reagents should be self-contained and stable in extreme environmental conditions. Preference will be given to proposals that are field oriented, rugged, low weight/cube space and have little to no refrigeration requirements.

5. Force Health Protection and Environmental Medicine: SOF personnel must often operate for extended periods of time in austere environments that expose them to extremes in altitude, temperature, humidity, wind, kinetosis, infectious diseases, toxic industrial chemicals, toxic industrial materials, and environmental hazards (including envenomation in marine environment). In addition, the environment may be compromised due to chemical, biological, and radiological contamination. The primary emphasis of this research area is to research, apply and develop techniques, therapeutic measures, and materiel (personal protective equipment (PPE), medical devices, drugs, and biologics) to ensure sustained human performance and effectiveness while operating in harsh environmental conditions and/or wearing appropriate PPE. Additional research opportunities include identification and characterization of specific risk profiles/threats associated with SOF unique mission sets.

6. Canine Medicine: SOF personnel rely on canines' exceptional capabilities as combat multipliers. This research area explores alternatives and/or new approaches to preserve and enhance SOF canine combat performance. SOF medical personnel place a premium on caninespecific approaches that are effective in extreme environments and do not require significant additional logistical support (i.e. maximize use of available SOF Medic materiel). **W81XWH-16-R-SOC1**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=283046>

Health Services Research on Minority Health and Health Disparities (R01)

National Institutes of Health (NIH)

Due Date: 8/9/2016, 4/11/2017

The purpose of this Funding Opportunity Announcement (FOA) is to encourage innovative health services research that can directly and demonstrably contribute to the improvement of minority health and/or the reduction of health disparities at the health care system-level as well as within clinical settings. Research encouraged under this FOA includes examination of health care services in health care systems such as private and public health insurance plans; physician groups; hospitals, nursing homes and assisted living facilities; academic medical centers; integrated delivery systems; and criminal justice settings. Projects may address health services pertaining to the treatment of particular health conditions, multiple health conditions, specific segments of the population, or more general indicators (e.g., access to primary care services, etc.) that may not be condition-specific. Projects may include observational/descriptive, simulation, or interventional studies and may involve primary data collection and/or secondary analysis of existing datasets. It is expected that all projects will involve the use of relevant health system-level data in some way. Projects that also use patient-reported data are encouraged, but projects that rely exclusively on patient-reported data are not a programmatic priority for funding under this FOA. Projects should include a focus on one or more NIH-designated health disparities populations, which include Blacks/African Americans, Hispanics/Latinos, American Indians/Alaska Natives, Asian Americans, Native Hawaiians and other Pacific Islanders, socioeconomically disadvantaged populations, and underserved rural populations. The focus of this FOA is on system-wide health services research that encompasses the diversity of individuals served within these systems. It is expected that projects will include patient or participant samples that are representative of the population served by the particular health care system(s). Projects that focus on individual clinics or other treatment settings in isolation of the larger system(s) in which they are embedded are not a programmatic priority for funding under this FOA; examples of such projects include but are not limited to the following:

- Projects that recruit participants from health care systems but do not involve the examination of the organization, operation, or service delivery of those systems.
- Projects that test interventions, procedures, or service delivery approaches in a single health care setting, such as an individual clinic. This applies to multi-site studies as well, if the sites reflect individual clinical sites rather than the larger health care systems to which they belong.
- Projects that include a single hospital may be considered if hospital-wide services or practices are examined (e.g., the incorporation of automated patient/provider reminders in Electronic Health Records) rather than one particular clinic or service within the hospital.

R01 (PAR-16-221):

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-221.html>

R21 (PAR-16-222):

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-222.html>

NIH Director's Pioneer Award Program (DP1)

National Institutes of Health (NIH) - Office of Strategic Coordination (Common Fund)

Due Date: 9/2/2016

The NIH Director's Pioneer Award initiative complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on enhancing health, lengthening life, and reducing illness and disability. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator's research program or elsewhere. **RFA-RM-16-005**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-16-005.html>

NIH Director's Transformative Research Awards (R01)

National Institutes of Health (NIH) - Office of Strategic Coordination (Common Fund)

Due Date: Letters of Intent 9/7/2016; Applications 10/7/2016

The NIH Director's Transformative Research Awards complement NIH's traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research. **RFA-RM-16-007**

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

Recognition Grants

Kansas Health Foundation

Due Date: 9/15/2016, 3/15/2017

Recognition Grants expand the Kansas Health Foundation's support to a broad range of organizations throughout the state. While the majority of the Foundation's funding is through invited proposals, the Recognition Grants program is designed to fund unsolicited requests. It is targeted for organizations and agencies proposing meaningful and charitable projects that fit within the Foundation's mission of

improving the health of all Kansans. In addition to supporting projects, the Foundation also seeks to support initiatives that focus on promoting policy, systems and environmental (PSE) transformations that support health. PSE initiatives that affect all aspects of health, including social factors that contribute to a healthy population may be considered. Funding may be used to support the following activities of the proposed initiative: strategic communication, coalition building, data collection to inform or support an initiative, or non-lobbying advocacy actions.

- URL: <http://kansashealth.org/recognitiongrants>

MULTIPLE DISCIPLINES

Research in Bio-molecular Science and Engineering

Naval Research Laboratory (NRL)

Due Date: White Papers continually accepted

The Center for Bio-Molecular Science and Engineering of the Naval Research Laboratory (NRL) conducts multidisciplinary research in biotechnology using the techniques of modern molecular biology, biophysics, chemistry, microelectronics, and engineering to fabricate biosensors, biomaterials, and advanced systems. See link for current research areas. **BAA 69-13-01**

- URL: http://heron.nrl.navy.mil/contracts/baa/baa_2013/FY13%20TOPICS/691301_Research%20in%20Bio-Molecular%20Science%20and%20Engineering.pdf

NEW FACULTY / INVESTIGATOR

Adherence Improvement - Research Starter Grants

Pharmaceutical Research and Manufacturers of America Foundation, Inc. (PhRMA Foundation)

Due Date: 9/1/2016

The aim of the Research Starter Grants is to assist individuals beginning independent research careers in Adherence Improvement at the faculty level. The proposed research should focus on adherence improvement. A growing body of evidence demonstrates that good adherence to recommended medications can yield better clinical outcomes and reduce downstream medical spending for patients with chronic conditions. However, many people do not take their medications as prescribed. Closing the adherence gap is important for improving the quality of health care, encouraging better chronic care management, and promoting better outcomes. The goal of the Adherence Improvement program is to support research that will advance knowledge of innovative and effective approaches to improve medication adherence. Relevant research goals may include development or evaluation of policies, interventions, or tools that have potential to improve medication adherence. The proposed research may target one or multiple therapeutic class(es) of medication(s) or condition(s), but not individual products. A focus on priority conditions affecting Medicare and Medicaid is encouraged, e.g. diabetes, cardiovascular disease, chronic obstructive pulmonary disease/asthma, heart failure, hypertension, dementia, and cancer. Real-world applicability of the intervention and generalizability of the findings to broader populations and settings should be considered.

- URL: <http://www.phrmafoundation.org/2015-awards/research-starter-grants/adherence-improvement/>

SOCIAL & BEHAVIORAL SCIENCES

Archaeology and Archaeometry

National Science Foundation (NSF)

Due Date: 7/1/2016, 12/20/2016 (Archaeology – Senior Research); 12/1/2016

(Archaeometry) *(High-Risk Research in Biological Anthropology and Archaeology (HRRBAA) -
Proposals accepted at any time)*

The goal of the Archaeology Program is to fund research which furthers anthropologically relevant archaeological knowledge. In accordance with the National Science Foundation's mission such research has the potential to provide fundamental scientific insight. While within the broad range of "archaeology" the focus is on projects judged to be significant from an anthropological perspective, the Program sets no priorities based on time period, geographic region or specific research topic. The Program administers four competitions each of which is described below. It also supports projects submitted under NSF-wide competition guidelines. These include CAREER, EAGER, RAPID and Research Experiences for Undergraduates Supplement requests.

Doctoral Dissertation Research Improvement Awards (DDRI)

For a detailed description of the Archaeology Program DDRI competition, see Solicitation NSF 14-566 which can be accessed via the Archaeology DDRI web site. It contains additional rules not presented in this synopsis. The DDRI competition provides funds to permit graduate students enrolled in US universities to conduct dissertation research. The student need not be a US citizen or national. While the student writes the proposal and conducts/supervises the research, the dissertation advisor serves as the Principal Investigator and the student is listed as the co-PI. Both field and non-field projects are funded.

Senior Archaeological Research

The Archaeology Program holds a twice yearly competition to provide support for senior investigator archaeological research.

Archaeometry Research Awards

The Archaeology Program administers an annual "archaeometry" competition with a target date of December 1. The goal is to fund projects either to develop/refine anthropologically relevant archaeometric techniques and/or support laboratories which provide relevant services. Examples of the former include the development of methods to identify specific types of organic residues on ceramics and sample pre-treatment techniques for radiocarbon analysis. Service laboratories which, for example provide trace element, isotopic and dendrochronological analyses illustrate the latter. Projects which apply standard archaeometric techniques with the goal to answer specific archaeological questions should be submitted to the "senior" archaeology competition.

High Risk Research in Biological Anthropology and/or Archaeology (HRRBAA)

(See Solicitation NSF 08-523 which can be accessed via the HRRBAA program web site.)

This competition is designed to permit the submission of high-risk, exploratory proposals that can lead to significant new anthropological knowledge. Because of a highly competitive environment, proposals that have both a high risk of failure and the potential for significant payoffs are less able to compete with standard research proposals. This program is designed to provide a mechanism whereby risky proposals with a great potential for advancement of the discipline can compete for funding. The risk involved in such endeavors must significantly exceed that associated with regular archaeology research projects. "Risk" in this context refers to risk of project failure and not risk of site destruction. The competition is also not intended to provide "start-up" grants.

PD 98-1391

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11690

STUDENTS

Human Resource Fellowships

Society for Human Resource Management (SHRM)

Due Date: 8/15/2016

Founded in 1948, the [Society for Human Resource Management](http://www.shrm.org) is the world's largest HR membership organization devoted to human resource management. Representing over 275,000 members in more than 160 countries, the society provides resources to serve the needs of HR professionals and advance the professional practice of human resource management. SHRM is accepting applications for its Susan R. Meisinger Fellowship for Graduate Study in HR, an annual program that provides funding for first-time master's degree students in human resources. The award honors former SHRM president and CEO, Susan R. Meisinger, SPHR. The fellowship is designed to support master's degree students who are either members of SHRM or certified HR professionals. Sponsored jointly by SHRM, the [SHRM Foundation](http://www.shrm.org), and the [HR Certification Institute](http://www.hr-certification.com), the fellowship supports individuals who want to leverage significant past contributions to the HR management field and who plan to continue contributing to the profession by earning a master's degree in HR. One winner is selected annually to receive a fellowship of up to \$10,000. Additional fellowships may be awarded, depending on available funding, the number and quality of applicants, and the discretion of SHRM. Doctoral students, including DBAs and PhDs, are not eligible to apply for the award.

- URL: <http://www.shrm.org/about/awards/pages/meisinger.aspx>