

Funding Bulletin

January 29th, 2016 (Vol. 3, No. 8)

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.

Click on the links below to go directly to the named section included in this edition's bulletin

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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/>

NOTICES

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 appreciated! Please follow the link below to access the survey:

https://wichitastate.co1.qualtrics.com/jfe/form/SV_dba6YUit2HA8c6x

OFFICE OF RESEARCH WORKSHOPS

For more information contact Jana Henderson at jana.henderson@wichita.edu or 978-3285.

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Feb. 8	11:00 a.m. - 12:30 p.m.	405 Jardine	This lab is for faculty, staff and students who have questions about IRB forms or about their study in general. <i>These are come-and-go labs with no registration required.</i>
Research Compliance Open Lab	Feb. 17	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub 215	Faculty, staff and students needing assistance in determining potential export or import controls affecting responsibilities and activities at WSU should plan to attend. <i>These are come-and-go labs with no registration required.</i>
Writing Proposals: Clear, Concise, Consistent (and Successful!) Proposals	Feb. 19	1:30-3:00 p.m.	266 Pike (RSC)	The Office of Research is again presenting its popular workshop on writing proposals. This workshop will provide grant writing tips and resources to utilize. Funders and their reviewers want proposals that are clear, concise and consistent. Come to this workshop to learn some hands-on approaches to improving your grant-writing skills. <i>To register, go to myTraining channel in myWSU.</i>



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

Pivot Open Lab	Feb. 25	2:30 – 4:00p.m.	405 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>
IRB Open Lab	March 7	11:00 a.m. – 12:30 p.m.	405 Jardine	This lab is for faculty, staff and students who have questions about IRB forms or about their study in general. <i>These are come-and-go labs with no registration required.</i>
Research Compliance Open Lab	March 16	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub 215	Faculty, staff and students needing assistance in determining potential export or import controls affecting responsibilities and activities at WSU should plan to attend. <i>These are come-and-go labs with no registration required.</i>
Contracts and Agreements: Getting to a “Win-Win” Agreement	March 23	2:30-4:00 p.m.	405 Jardine	Did you know that the Office of Research is tasked with developing and negotiating agreements with external funders and others, and not just grants? This workshop will help you to identify when a contract or agreement might be required, how to obtain one, and to know more about terms and conditions that the University may or may not be able to accept. Subcontracts and agreements paid out of grant funds will also be discussed. <i>To register, go to myTraining channel in myWSU.</i>
Pivot Open Lab	Mar. 24	2:30-4:00 p.m.	405 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>

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 four open limited submission competitions:

(1) MCH Research Network on Promoting Healthy Weight (HW-RN) Among Children With Autism Spectrum Disorders (ASD) and Developmental Disabilities

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA)

Due Date: Internal 1/29/2016; Application 2/16/2016

This announcement solicits applications for the MCH Research Network on Promoting Healthy Weight (HW-RN) among Children with Autism Spectrum Disorder (ASD) and other Developmental Disabilities (DD) Program. The HRSA autism research programs support research that advances the evidence base regarding interventions and best practices to improve the health and well-being of children and adolescents with autism spectrum disorders (ASD) and other developmental disabilities. This cooperative agreement opportunity will establish and maintain an interdisciplinary, multi-site research forum for scientific collaboration and infrastructure building, which will provide national leadership in research that furthers scientific understanding of obesity risk factors and facilitates the development of interventions designed to improve the health and well-being of children with Autism Spectrum Disorder (ASD) and other Developmental Disabilities (DD). This research will help to advance the evidence base regarding best practices for the prevention and treatment of obesity in this high-risk group and improve Health Care Systems and Delivery, such as interdisciplinary team-based care and improve the health and wellbeing of children and youth with ASD and other DD. The HW-RN will use an interdisciplinary team that will lead and promote coordinated research activities related to promoting healthy weight among children and youth with ASD and other DD. The interdisciplinary team will be able to conduct multi-site intervention research, secondary data analyses, pilot and feasibility and/or acceptability studies of interventions, and study obesity risk factors and interventions to promote healthy weight among children and youth with ASD and other DD. **Multiple applications from an organization are not allowable. HRSA 16-044**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=280638>

(2) MCH Navigator Program

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA)

Due Date: Internal 1/29/2016; Application 2/12/2016

The MCH Navigator Program is designed to strengthen the knowledge, skills, and capacity of the MCH workforce through online continuing education tailored to meet the needs of emerging and practicing MCH professionals. This program supports HRSA Strategic Plan 2010-2015 goals to improve access to quality health care and services, strengthen the health workforce, and improve health equity. Federal, state, and local MCH agencies are tasked with improving the health of all U.S. women, children, and families. Accomplishing this requires resourceful and innovative leaders who can work across disciplines and across systems, particularly given the changes in our healthcare delivery system and today's environment of intractable health disparities. MCH professionals, including Title V Directors and staff, require access to continuous training in critical MCH topics and skills in order to most effectively implement Title V transformation and identified state workforce needs. The Maternal and Child Health Bureau (MCHB) is committed to advancing the knowledge and skills of practicing MCH professionals. Current barriers to continuing education include ever-tightening travel restrictions, capacity shortages, difficulty in taking time away from work, and the cost of training. Distance learning education methodologies can address these barriers by providing effective and efficient means by which MCH professionals can practice and advance their analytic, managerial, and clinical skills while continuing to meet their daily on-site responsibilities. **Multiple applications from an organization are not allowable. HRSA 16-043**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=280512>

(3) Macy Faculty Scholars Program

Macy Jr. Foundation, Josiah

Due Date: Internal 2/1/2016; Application 2/17/2016

The program aims to accelerate needed reforms in health professions education to accommodate the dramatic changes occurring in medical practice and health care delivery. Scholars must be nominated by the Dean of their institutions, who must commit to protecting at least 50 percent of the Scholars' time to pursue education reform projects at their institution. The Foundation will support educational change in each Scholar's institution and develop a national network for the Scholars, who will receive career advice from a National Advisory Committee and participate in an Annual Meeting for the program. **Each school may nominate only one candidate each year. If a university has both a medical school and nursing school, one candidate may be nominated from each school.**

- URL: <http://macyfoundation.org/macy-scholars>

(4) NEA Challenge America

National Endowment for the Arts (NEA)

Due Date: Internal 3/4/2016; Application Step 1: 4/14/2016; Step 2: 5/5/2016

The Challenge America category offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations -- those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Age alone (e.g., youth, seniors) does not qualify a group as underserved; at least one of the underserved characteristics noted above also must be present. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development. This category encourages and supports the following objective: **Engagement: Engaging the public with diverse and excellent art.** Partnerships can be valuable to the success of these projects. While not required, applicants are encouraged to consider partnerships among organizations, both in and outside of the arts, as appropriate to their project. **An organization may submit only one application.**

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

INTERNAL OPPORTUNITIES

Award for Research/Creative Projects (ARC)

Wichita State University

Due Date: 2/5/2016

Award for Research/Creative projects provide salary/fringes of \$3,000* for 2 months, plus \$1,000 for other operating expenses (total of \$4,000) to enable faculty to pursue research or creative projects during the summer.

Flossie E. West Foundation Award

Wichita State University

Due Date: 3/4/2016

The Flossie E. West Memorial Foundation provides support for research relating to the study and cure of cancer. Multiple grants may be awarded for up to approximately \$25,000 dependent on foundation funds. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries. Funds are restricted to WSU faculty project expenses.

For more information on the ARC and Flossie West opportunities, visit

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

GENERAL

BFI Fuller Challenge

Buckminster Fuller Institute (BFI)

Due Date: 3/1/2016

Each year, The Buckminster Fuller Institute (BFI) invites citizens from all over the world - including artists, scientists, students, designers, architects, activists, planners and entrepreneurs - to submit their innovative solutions to some of humanity's most pressing problems. A prize is awarded to support the development and implementation of one outstanding strategy. Buckminster Fuller led a prolific life of research, invention, writing and teaching. He developed a comprehensive systems approach to understanding complex global problems and a unique set of "design science" principles that embodied a deeply attuned ecological aesthetic. Fuller conceived and prototyped new strategies intended to enable all of humanity to live lives characterized by freedom, comfort and dignity without negatively impacting the Earth's ecosystems or regenerative capacity. He emphasized that the technology and know-how already exist to successfully surmount our global challenges and he advocated "doing more with less" by increasing the overall performance of every resource invested in a system. Fuller issued an urgent call for a design science revolution "to make the world work for 100% of humanity, in the shortest possible time, through spontaneous cooperation, without ecological offense or the disadvantage of anyone." Answering this call is what the Fuller Challenge is all about. Winning the Fuller Challenge requires more than a stand-alone idea or innovation that focuses on one aspect of a system failure. BFI looks for holistic strategies that demonstrate a clear grasp of big-picture dynamics. If a proposal emphasizes a new design, material, process, service, tool or technology, it is essential that it be part of an integrated strategy that simultaneously addresses key social, environmental and economic factors. BFI seeks initiatives that tackle urgent needs at a range of scales: from macro-strategies that have the potential for widespread impact, to local, community-based initiatives with global relevance and replicability. Proposals at any stage of development will be reviewed; non-profit, for-profit and hybrid initiatives are all eligible.

- URL: <http://bfi.org/challenge/apply>

Service Year + Higher Ed Innovation Challenge

Aspen Institute - Franklin Project

Due Date: 3/11/2016

The [Franklin Project](#) at the [Aspen Institute](#), in partnership with the [Lumina Foundation](#), the [National Conference on Citizenship](#), and the [Corporation for National and Community Service](#), is inviting applications from postsecondary education institutions for the Service Year + Higher Ed Innovation

Challenge. Each college or university entrant will compete for a prize to support the planning and creation of new education-affiliated service year positions. The challenge seeks to promote innovative ideas related to the integration of learning and service during the college years. Awards will be made in three categories — public, private, and community colleges — with each category winner receiving \$30,000. Additionally, an Audience Choice Award winner will receive a \$10,000 prize. To be eligible for the challenge, applicants must design a service-year program that will result in academic credit, meet Service Year exchange certification criteria, be designed for sustainability, have the support of the institution's leadership, and provide a model for other similar postsecondary institutions. **The project will host a Q&A on January 28, February 16, and March 1, 2016. Registration is required.**

- URL: <http://www.sychallenge.org/about-the-challenge/>

Sponsored Research Program

Project Management Institute, Inc. (PMI)

Due Date: 4/25/2016

PMI is pleased to announce its Request for Proposals (RFP) for 2016 research on topics related to project, program, or portfolio management (PPPM). PMI encourages thoughtful and innovative proposals on any topic, with few notable exceptions. They do not accept submissions focused on mathematical/operations research topics with little or no direct application. This includes research whose rationale does not stem from real world issues or that does not include empirical testing on actual projects. PMI will entertain proposals on macro level perspectives such as knowledge transfer across projects.

The following types of research will be considered:

1. Translational research proposals should address the extent to which the outcomes of the project are "practitioner-ready." That is, applicants should address the "readiness for application" of the eventual research findings. Scholars within project management and/or its allied disciplines (engineering management, strategic management, organizational psychology or sociology, communications, etc.) are invited to bring theories and perspectives to bear on a research question using PPPM "as the context" of their research.
2. Theory-building proposals must address future implications of the research findings for both theory and the originally identified managerial problem.

Although PMI is open to receiving proposals on other important topics, this year they are particularly interested in research proposals in the following areas:

- Organizational change management

- Talent management
- Strategic initiative management
- Governance
- Requirements Management
- Benefits Realization
- Agility in non-IT projects
- Requirements management
- Knowledge transfer and management
- Portfolio Management
- Organizational Agility
- Enhancing project management higher education

Methodology should be properly matched to the research question. Quantitative, qualitative or mixed methods approaches are given equal consideration provided that the selected methodology produces the data to achieve the project aims and that it is sufficiently elaborated in the proposal. **PMI invites proposals from scholars both within and outside the field of project management (e.g. management and/or its sub-fields, organizational psychology, sociology, education, linguistics, communications, etc.) whose work has direct application to some aspect of the project management body of knowledge or its practice.** PMI does not accept submissions focused on software development, mathematical models with little or no direct application, or historical research. Proposals that involve the mathematical modeling of project systems will be considered; however, PMI will not fund the development of software simulations.

- URL: <http://www.pmi.org/learning/academic-research/sponsored-research-program.aspx>

Grant Opportunities for Academic Liason with Industry (GOALI)

National Science Foundation (NSF)

Due Date: Full Proposals accepted anytime (Please contact the appropriate disciplinary program office to obtain information about current deadline dates.)

Grant Opportunities for Academic Liaison with Industry (GOALI) promotes university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages. Special interest is focused on affording the opportunity for:

- Faculty, postdoctoral fellows, and students to conduct research and gain experience in an industrial setting;
- Industrial scientists and engineers to bring industry's perspective and integrative skills to academe; and
- Interdisciplinary university-industry teams to conduct research projects.

This solicitation targets high-risk/high-gain research with a focus on fundamental research, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry. GOALI seeks to fund transformative research that lies beyond that which industry would normally fund. **NSF 12-513**

- URL: <http://www.nsf.gov/pubs/2012/nsf12513/nsf12513.htm>

ARTS & HUMANITIES

Eugene K. Wolf Travel Fund for European Research

American Musicological Society (AMS)

Due Date: 4/1/2016 (anticipated)

The fund is intended to encourage and assist Ph.D. candidates in all fields of musical scholarship to travel to Europe to carry out the necessary work for their dissertation on a topic in European music. The fund will award one or more travel grants each year to students attending North American universities who have completed all requirements except the dissertation for the Ph.D. in any field of musical scholarship and who need to undertake research in Europe toward the dissertation.

- URL: <http://www.ams-net.org/grants/wolf.php>

Jan LaRue Travel Fund for Research Travel to Europe

American Musicological Society (AMS)

Due Date: 4/1/2016 (anticipated)

The fund is intended to encourage and assist Ph.D. candidates, postdoctoral scholars, independent scholars, and junior faculty to travel to Europe to carry out research. The fund honors the memory of Jan LaRue (1918-2004), a distinguished scholar and AMS member admired for his pioneering work on style analysis, the eighteenth-century symphony, and early computer applications in musicology.

- URL: <http://www.ams-net.org/grants/larue.php>

Ora Frishberg Saloman Fund

American Musicological Society (AMS)

Due Date: 4/1/2016 (anticipated)

The fund supports musicological research oriented to music criticism and reception history. It encourages work in areas where Prof. Saloman herself did path-breaking scholarship and graduate teaching, notably research in nineteenth-century trans-Atlantic connections between European and American music criticism and reception history.

- URL: <http://www.ams-net.org/grants/saloman.php>

William Holmes / Frank D'Accone Endowment

American Musicological Society (AMS)

Due Date: 4/1/2016 (anticipated)

The endowment encourages and assists Ph.D. candidates, postdoctoral fellows, independent scholars, and junior faculty working with subject matter associated with the history of opera.

- URL: <http://www.ams-net.org/grants/holmes-daccone.php>

Fellowships

National Endowment for the Humanities (NEH)

Due Date: 4/28/2016

Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. Projects may be at any stage of development.

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

Fellowships for Advanced Social Science Research on Japan

National Endowment for the Humanities (NEH)

Due Date: 4/28/2016

The Fellowship Program for Advanced Social Science Research on Japan is a joint activity of the Japan-U.S. Friendship Commission (JUSFC) and the National Endowment for the Humanities. Awards support research on modern Japanese society and political economy, Japan's international relations, and U.S.-Japan relations. The program encourages innovative research that puts these subjects in wider regional and global contexts and is comparative and contemporary in nature. Research should contribute to scholarly knowledge or to the general public's understanding of issues of concern to Japan and the United States. Appropriate disciplines for the research include anthropology, economics, geography, history, international relations, linguistics, political science, psychology, public administration, and sociology. Awards usually result in articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources. The fellowships are designed for researchers with advanced language skills whose research will require use of data, sources, and documents in their original languages or whose research requires interviews onsite in direct one-on-one contact. Fellows may undertake their projects in Japan, the United States, or both, and may include work in other countries for comparative purposes. Projects may be at any stage of development.

- URL: <http://www.neh.gov/grants/research/fellowships-advanced-social-science-research-japan>

BUSINESS

Research Report Stipends

IBM Center for the Business of Government

Due Date: 4/1/2016, 10/3/2016

The aim of the Center is to tap into the best minds in academe and the nonprofit sector who can use rigorous public management research and analytic techniques to help public sector executives and managers improve the effectiveness of government. The Center is looking for very practical findings and actionable recommendations - not just theory or concepts - in order to assist executives and managers to more effectively respond to mission and management challenges. The Center has as its focus practical, actionable recommendations that build from a strong research base, and assist public sector leaders and managers to address mission and management challenges more effectively.

The Center seeks proposals to prepare reports that address the following six public management topics:

1. Fostering Innovation and Transformation
2. Aligning Mission Support with Mission Delivery
3. Developing Cost Savings Strategies That Improve Efficiency and Effectiveness
4. Making the Best Use of Performance and Results Management
5. Managing Risk in a Rapidly Changing World
6. Developing New Models of Public Leadership Within and Across Agencies

While the six topics outlined above frame the Center's priorities, it also welcomes interesting and timely practical research and actionable recommendations in other current and emerging areas of importance for government, such as acquisition, supply chain, social media, human capital and workforce development, financial management, information technology, healthcare reform implementation, and sustainability. While a majority of the Center's reports are targeted to executives and managers in the U.S. federal government, it is also interested in reports that discuss new approaches to improving the effectiveness of government at state, local, and international levels. The most competitive proposals tend to be those that have a very strong "story" or are clearly generalizable to a very broad audience.

- URL: <http://www.businessofgovernment.org/content/research-stipends>

SHRM Foundation Research Grants

Society for Human Resource Management (SHRM) Foundation

Due Date: 4/1/2016, 9/1/2016

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 and yielding practical implications for HR managers. It is crucial that there is continuity between the research questions proposed and the methods used. 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>

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.

HRM Impact Award

Society for Human Resource Management (SHRM) Foundation

Due Date: 4/30/2016

The Society for Industrial and Organizational Psychology (SIOP) and the Society for Human Resource Management (SHRM) share a deep commitment to promoting human resource management practices that contribute to the success of today's global work organizations, making them better places in which to work. Both societies also share a belief that the way to improve practice is to publicize the best available evidence regarding the usefulness and impact of successfully implemented innovative HRM initiatives. The HRM Impact Award was designed with this in mind. Annually, SIOP and SHRM will seek applications for the *HRM Impact Award*.

- URL: <http://www.hrmimpactawards.org/>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Cybersecurity Innovation for Cyberinfrastructure

National Science Foundation (NSF)

Due Date: 4/19/2016

Advancements in data-driven scientific research depend on trustworthy and reliable cyberinfrastructure. Researchers rely on a variety of networked technologies and software tools to achieve their scientific goals. These may include local or remote instruments, wireless sensors, software programs, operating systems, database servers, high-performance computing, large-scale storage, and other critical infrastructure connected by high-speed networking. This complex, distributed, interconnected global cyberinfrastructure ecosystem presents unique cybersecurity challenges. NSF-funded scientific instruments, sensors and equipment are specialized, highly-visible assets that present attractive targets for both unintentional errors and malicious activity; untrustworthy software or a loss of integrity of the data collected by a scientific instrument may mean corrupt, skewed or incomplete results. Furthermore, often data-driven research, e.g., in the medical field or in the social sciences, requires access to private information, and exposure of such data may cause financial, reputational and/or other damage. Therefore, an increasing area of focus for NSF is the development and deployment of hardware and software technologies and techniques to protect research cyberinfrastructure across every stage of the scientific workflow. **NSF 16-533**

- URL: <http://nsf.gov/pubs/2016/nsf16533/nsf16533.htm>

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

National Science Foundation (NSF)

Due Date: 4/25/2016

The NSF-CBMS Regional Research Conferences in the Mathematical Sciences are a series of five-day conferences each of which features a distinguished lecturer delivering ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. CBMS refers to the Conference Board of the Mathematical Sciences which publicizes the conferences and administers the resulting publications. Support is provided for about 30 participants at each conference. Proposals should address the unique characteristics of the NSF-CBMS conferences, outlined in the Program Description. To stimulate interest and activity in mathematical sciences research, the National Science Foundation anticipates supporting up to ten NSF-CBMS Regional Research Conferences annually. The Conference Board of the Mathematical Sciences (CBMS) publicizes conferences and administers the resulting publications, fostering greater dissemination of material related to cutting edge-topics and increasing the impact of the conferences in the community. Since a major goal of these conferences is to attract new researchers into the field of the conference and to stimulate new research activity, institutions that are interested in upgrading or improving their research efforts are especially encouraged to apply. **NSF 13-550**

- URL: <http://www.nsf.gov/pubs/2013/nsf13550/nsf13550.htm>

Lithium Batteries Cell and Electrical Energy Storage System Safety

U.S. Department of Transportation (DOT) – Federal Aviation Administration (FAA)

Due Date: 2-Page technical summaries accepted on a rolling basis until 9/30/2016

Notice seeking two-page technical summary proposals to study and develop technology, and supporting data for industry standards to reduce the risks associated with the installation, operation, in-service maintenance of Lithium Batteries and other high electrical energy storage devices of all sizes used in aircraft. **DTFAC-16-R-00020**

- URL: <https://www.fbo.gov/?s=opportunity&mode=form&id=da3e32f7b1409fe9ceccdfacdb845076&tab=core&cvview=0>

Distributed Operations (DistrO)

Air Force (Air Force), Department of Defense (Defense) - Air Force Research Laboratory (AFRL)

Due Date: Applications accepted on a rolling basis

Notice seeking white paper research proposals to improve Air Force capabilities in the form of software components that autonomously assess the progress of their operations, identify deviations from expected activities and outcomes, and recommend adjustments (re-plan) to enable continuous operations at forward nodes in anti-access and area-denial environments. White papers are accepted in two project areas: 1) Planning and Assessment Technology Development; and 2) Distributed Integration and Experimentation. **BAA-AFRL-RIK-2016-0003**

- URL: https://www.fbo.gov/?s=opportunity&mode=form&id=73699f5ae3ff432be9ac27c597d6e396&tab=core&_cview=0

HEALTH, LIFE & EARTH SCIENCES

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)

National Institutes of Health (NIH)

Due Date: 4/8/2016, 8/8/2016, 12/8/2016 (standard due dates apply)

The National Institutes of Health (NIH) awards senior individual research training fellowships to experienced scientists who wish to make major changes in the direction of their research careers or who wish to broaden their scientific background by acquiring new research capabilities as independent investigators in research fields relevant to the missions of participating NIH Institutes and Centers. **PA-14-151**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-151.html>

Conference Grants to Advance Collaborative research on Aging Biology (R13)

National Institutes of Health (NIH) – National Institute on Aging (NIA)

Due Dates: 4/12/2016, 8/12/2106, 12/12/2016 (standard due dates apply)

This Funding Opportunity Announcement (FOA) encourages the submission of conference grant applications in scientific areas that will foster extramural research on the molecular, biochemical,

cellular, genetic, and physiological mechanisms underlying normal aging and related pathologies. NIA is particularly interested in promoting and facilitating team science by employing the R13 activity code to allow researchers at all levels of training to come together to exchange ideas, tools and approaches in an effort to increase collaborative research. **PAR-15-265**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-265.html>

Core Awards - Research Awards: Innovative Clinical or Translational Science Award

American Diabetes Association (ADA)

Due Date: 4/15/2016

These awards support research with novel and innovative hypotheses, performed in human subjects, or research approaches to accelerate the transition of scientific discoveries into clinical application. Studies supported with these awards must directly involve human subjects, human samples and/or data, and offer considerable promise for advancing the cure, prevention or treatment of diabetes. Applications proposing high-risk projects with the potential for high-impact results are encouraged, as are studies that may not be sufficiently developed for traditional funding sources.

- URL: <http://professional.diabetes.org/meetings/core-program>

Core Awards - Research Awards: Innovative Basic Science Award

American Diabetes Association (ADA)

Due Date: 4/15/2016

Innovative Basic Science Awards support creative and innovative projects that hold significant promise for advancing the prevention, cure or treatment of diabetes. These awards are intended to support proposals that: (1) are high-risk but have potential for high-impact results, (2) extend existing knowledge into a new area or application, (3) utilize novel technological or cross-disciplinary approaches and/or (4) may not be sufficiently developed for traditional funding sources (e.g., NIH R01).

For the purposes of this award, basic research is defined as investigation into the fundamental cellular, molecular and biochemical mechanisms underlying the development, detection, treatment and management of diabetes and its complications. Applications proposing basic research in any area relevant to the etiology or pathophysiology of diabetes and its complications will be accepted.

The ADA will give special emphasis to the following aspects in the evaluation of award applications:

1. The potential of the project to significantly impact the field of diabetes research and/or advance the prevention, cure or treatment of diabetes
2. Whether the hypotheses to be tested are well-conceived, clearly stated and feasible; the originality and degree of scientific rigor in study design
3. The impact and innovation of the project, as assessed by the likelihood of the project to exert a significant and sustained influence on the involved research field(s) or extend existing knowledge into a new area or application, the utilization of novel technological or cross-disciplinary approaches, and/or the development of new lines of inquiry for further scientific investigation
4. Relevant experience of the Principal Investigator/collaborator(s), availability of the appropriate facilities and resources, access to and availability of data sources, samples and reagents, and an appropriate budget allowing for completion of the proposed work

- URL: <http://professional.diabetes.org/meetings/core-program>

Education and Health: New Frontiers (R03)

National Institutes of Health (NIH)

Due Date: 2/16/2016, 6/16/2016, 10/16/2016 (standard due dates apply)

The goal of this funding opportunity announcement is to support research that will further elucidate the pathways involved in the relationship between education and health outcomes and in doing so to carefully identify the specific aspects and qualities of education that are responsible for this relationship and what the mediating factors are that affect the nature of the causal relationship. **PAR-16-079**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-079.html>

“Addiction Research: There’s an App for That” Challenge

National Institutes for Health (NIH) – National Institute on Drug Abuse (NIDA)

Due Date: 4/29/2016

The National Institute on Drug Abuse (NIDA), one of the components of the National Institutes of Health (NIH), announces the Challenge, “Addiction Research: There's an App for that”. With this Challenge, NIDA aims to develop novel mobile applications (apps) for future addiction research explicitly created on Apple Inc.'s ResearchKit framework. ResearchKit is open-source software which makes it easy for researchers and developers to create apps for specific biomedical research questions by circumventing development of custom code. Contestants will create the solicited app for use by addiction researchers to engage mobile device users in future society-changing research.

- URL: <https://www.federalregister.gov/articles/2015/11/03/2015-27939/national-institutes-of-health-national-institute-on-drug-abuse-nida-announcement-of-requirements-and>

Hydrologic Sciences

National Science Foundation (NSF)

Due Date: Proposals Accepted anytime

The Hydrologic Sciences Program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle. The Program supports the study of processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components. The Hydrologic Sciences Program retains a strong focus on linking fluxes of water and the components carried by water across boundaries between various interacting facets of the terrestrial system and the mechanisms by which these fluxes co-organize over a variety of timescales and/or alter fundamentals of water cycle interactions within the terrestrial system. The Program is also interested in how water interacts with the landscape and the ecosystem as well as how the water cycle and its coupled processes are altered by land use and climate. Studies may address physical, chemical, and biological processes that are coupled directly to water transport. Projects submitted to Hydrologic Sciences commonly involve expertise from basic sciences, engineering and mathematics; and proposals may require joint review with related programs. The Hydrologic Sciences Program will also consider synthesis projects. **NSF 15-588**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15558/nsf15558.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Committee for Research and Exploration Grants (Hypothesis-Driven Grants)

National Geographic Society

Due Date: Pre-Applications accepted on a continual basis

The National Geographic Society awards grants for scientific field research and exploration through its Committee for Research and Exploration. All proposed projects must have both a geographical dimension and relevance to other scientific fields and be of broad scientific interest. Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. In addition the committee is emphasizing multidisciplinary projects that address environmental issues (e.g., loss of biodiversity and habitat, effects of human-population pressures). Funding is not restricted to United States citizens. Researchers planning work in foreign countries should include at least one local collaborator as part of their research teams. The committee will not consider applications seeking support solely for laboratory work or archival research. While grants are awarded on the basis of scientific merit and exist independent of the Society's other divisions, grant recipients are expected to provide the Society with rights of first refusal for popular publication of their findings. Grants to PIs in Developing Countries: While the first priority of the CRE is to fund high-quality scientific research, there is also a particular

interest in funding projects that promote the growth of scientific infrastructure in geographic locations where such infrastructure is lacking. This grant program does not pay educational tuition, nor does it offer scholarships or fellowships of any kind.

- URL: <http://www.nationalgeographic.com/explorers/grants-programs/cre-application/>

NEW FACULTY/INVESTIGATOR

Basil O'Connor Starter Scholar Research Award

March of Dimes Birth Defects Foundation

Due Date: Letter of Intent 3/16/2016

This award is designed to support young scientists just embarking on their independent research careers. The applicants' research interests should be consonant with those of the foundation. The March of Dimes defines a birth defect as any abnormality of structure or function, whether inherited, or acquired in utero and presenting in infancy or early childhood. Deviations from reproductive health of women and men as an underlying basis of birth defects, i.e. preconceptional events, perinatal course, and premature births, are appropriate subjects for research support. (The foundation does not accept applications dealing with infertility.)

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

Lynton Award (Ernest A. Lynton Award for the Scholarship of Engagement for Early Career Faculty)

University of Massachusetts, Boston - College of Education and Human Development - New England Resource Center for Higher Education (NERCHE)

Due Date: 4/8/2016

Sponsored by the New England Resource Center for Higher Education (NERCHE), Merrimack College's Graduate Higher Education Program, and the Coalition of Urban and Metropolitan Universities (CUMU), this annual award recognizes a full-time pre-tenure or early career faculty member who connects his or her teaching, research, and service to community engagement. According to the Carnegie Foundation for the Advancement of Teaching, "Community engagement describes the collaboration between faculty and their larger communities (local, regional/state, national, global) for

the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity."

The Lynton Award emphasizes community-engaged scholarly work across faculty roles. The scholarship of engagement (also known as outreach scholarship, public scholarship, scholarship for the common good, community-based scholarship, and community-engaged scholarship) represents an integrated view of faculty roles in which teaching, research/creative activity, and service overlap and are mutually reinforcing, is characterized by scholarly work tied to a faculty member's expertise, is of benefit to the external community, is visible and shared with community stakeholders, and reflects the mission of the institution. In addition, NERCHE and CED conceptualize scholarly engagement in terms of social justice in a diverse democracy. This year's award will be presented at the 22nd Annual Conference of the Coalition of Urban and Metropolitan Universities (CUMU), "Charting the Future of Metropolitan Universities," which will be held from October 23-25, 2016 in Washington, DC.

- URL: http://nerche.org/index.php?option=com_content&view=article&id=1527:2016-lynton-award-call-for-nominations&catid=25:lynton-award&Itemid=582

Core Program: Development Awards - Junior Faculty Development (JFD)

American Diabetes Association (ADA)

Due Date: 4/15/2016

These awards support early investigators as they establish independence as diabetes researchers. Applicants must dedicate at least 75% total effort to research activities.

- URL: <http://professional.diabetes.org/meetings/core-program>

Research Associateship Programs (RAP)

The National Academies

Due Dates: 5/1/2016, 8/1/2016, 11/1/2016

The National Research Council has conducted the Research Associateship Programs in cooperation with sponsoring federal laboratories and other research organizations approved for participation since 1954. Through a national competition, the NRC recommends and makes Research Associateship awards to outstanding scientists and engineers, at the postdoctoral and senior levels, for tenure as guest researchers at the participating laboratories. A limited number of opportunities are available for support of graduate students in select fields. The objectives of the Research Associateship Programs are (1) to provide postdoctoral and senior scientists and engineers of unusual promise and ability opportunities for research on problems, largely of their own choice that are compatible with the

interests of the sponsoring laboratories and (2) to, thereby, contribute to the overall efforts of the laboratories. For recent doctoral graduates, the Research Associateship Programs provide an opportunity for concentrated research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the Research Associateship Programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions.

- URL: <http://sites.nationalacademies.org/pqa/rap/>

SOCIAL & BEHAVIORAL SCIENCES

Minerva Research Initiative

United States Department of Defense (DOD) - Department of the Navy (U.S. Navy) - Office of Naval Research (ONR)

Due Date: White Papers 2/29/2016; Full Proposals 6/17/2016

The Minerva Research Initiative (Minerva) emphasizes questions of strategic importance to U.S. national security policy. It seeks to increase the Department's intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. Minerva brings together universities and other research institutions around the world and supports multidisciplinary and cross-institutional projects addressing specific topic areas determined by the Department of Defense. The Minerva program aims to promote research in specific areas of social science and to promote a candid and constructive relationship between DoD and the social science academic community.

The Minerva Research Initiative competition is for research related to the five (5) topics and associated subtopics listed below. Innovative white papers and proposals related to these research topics are highly encouraged. Detailed descriptions of the topics can be found in Section IX, "Specific Minerva Research Initiative Topics."

I. Identity, Influence, and Mobilization

Culture, identity, and security

Influence and mobilization for change

II. Contributors to Societal Resilience and Change; Governance and rule of law; Migration and urbanization; Populations and demographics; Environment and natural resources; and Economics.

III. Power and Deterrence; Global order; Power projection and diffusion; Beyond conventional deterrence; and Area studies.

IV. Analytical methods and metrics for security research

V. Innovations in National Security, Conflict, and Cooperation

Proposals will be considered both for single-investigator awards as well as larger teams. A team of university investigators may be warranted because the necessary expertise in addressing the multiple facets of the topics may reside in different universities, or in different departments of the same university. The research questions addressed should extend across a fairly broad range of linked issues where there is clear potential synergy among the contributions of the distinct disciplines represented on the team. **WHS-AD-FOA-16-01**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=280923>

Developing Improved Means to Collect Digital Evidence

United States Department of Justice (DOJ) - National Institute of Justice (NIJ)

Due Date: 4/14/2016

With this solicitation, NIJ seeks proposals for funding to conduct research and technology development leading to the introduction into practice of new and innovative tools to:

- Process large-scale computer networks for digital evidence in a forensically sound manner that preserves the probative value of the evidence that the computer network may contain; or
- Process mobile devices voluntarily surrendered to law enforcement by witnesses or victims of an alleged crime, which will discriminate between data that is germane to that crime and that which is not, and which will only collect data that is germane; or
- Automatically detect children in pornographic videos of varying quality.

Individual applicants may propose to address one or more of these topics, but most do so in separate, discrete applications. Single applications proposing to address more than one topic will not be accepted. **NIJ-2016-8976**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=281004>

Biological Anthropology

National Science Foundation (NSF)

Due Date: 3/16/2016, 11/16/2016

The Biological Anthropology Program supports basic research in areas related to human evolution and contemporary human biological variation. Research areas supported by the program include, but

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are not limited to, human genetic variation, human and nonhuman primate ecology and adaptability, human osteology and bone biology, human and nonhuman primate paleontology, functional anatomy, and primate socioecology. Grants supported in these areas are united by an underlying evolutionary framework, and often by a consideration of adaptation as a central theoretical theme. Many proposals also have a biocultural orientation. The program frequently serves as a bridge within NSF between the social and behavioral sciences and the natural and physical sciences, and proposals commonly are jointly reviewed and funded with other programs. **PD 98-1392**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5407&WT.mc_id=USNSF_39∓WT.mc_ev=click

STUDENTS

Benjamin A. Gilman International Scholarship Program *Institute of International Education (IIE)* **Due Date: 3/1/2016**

The Benjamin A. Gilman International Scholarship Program offers grants for U.S. citizen undergraduate students of limited financial means to pursue academic studies or credit-bearing, career-oriented internships abroad. Such international exchange is intended to better prepare U.S. students to assume significant roles in an increasingly global economy and interdependent world. International experience is critically important in the educational and career development of American students, but it can also require a substantial financial investment. The Gilman Scholarship Program broadens the student population that studies and interns abroad by supporting undergraduates who might not otherwise participate due to financial constraints. The program aims to encourage students to choose non-traditional study and intern destinations, especially those outside of Western Europe, Australia and New Zealand. The program aims to support students who have been traditionally under-represented in education abroad, including but not limited to, students with high financial need, community college students, students in underrepresented fields such as the sciences and engineering, students with diverse ethnic backgrounds, and students with disabilities.

- URL: <http://www.iie.org/en/Programs/Gilman-Scholarship-Program>

Undergraduate Scholarship Program (UGSP)

National Institutes of Health (NIH) - Office of Intramural Training and Education

Due Date: 3/14/2016

The National Institutes of Health (NIH) Undergraduate Scholarship Program (UGSP) offers competitive scholarships to students from disadvantaged backgrounds who are committed to careers in biomedical, behavioral, and social science health-related research. The program offers scholarship support, paid research training at the NIH during the summer, and paid employment and training at the NIH after graduation. For each full or partial scholarship year, scholars are committed to two NIH service obligations. The obligations are actually benefits of the UGSP, providing scholars with invaluable research training and experience at the NIH.

- **10-week Summer Laboratory Experience:** After each year of scholarship support, scholars will train for 10 weeks as a paid summer research employee in an NIH research laboratory. This employment occurs after the receipt of the scholarship award. Each scholar will be assigned to an NIH researcher and an NIH postdoctoral fellow, who will serve as mentors. Scholars will also attend formal seminars and participate in a variety of programs.

- **Employment at the NIH after Graduation:** After graduation, scholars will continue their training as a full-time employee in an NIH research laboratory. Scholars must serve 1 year of full-time employment for each year of scholarship.

- URL: <https://www.training.nih.gov/programs/uqsp>

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

National Institutes of Health (NIH)

Due Date: 4/13/2016, 8/13/2016, 12/13/2016 (standard due dates apply)

The purpose of this Kirschstein-NRSA predoctoral fellowship (F31) award is to enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from population groups that have been shown to be underrepresented in the biomedical, behavioral, or clinical research workforce. Such individuals include those from underrepresented racial and ethnic groups, those with disabilities, and those from disadvantaged backgrounds. Through this award program, promising predoctoral students will obtain individualized, mentored research training from outstanding faculty sponsors while conducting well-defined research projects in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. **PA-14-148**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-148.html>

Applied Social Issues Internship

Society for the Psychological Study of Social Issues (SPSSI)

Due Date: 4/25/2016

This internship is intended to encourage research that is conducted in cooperation with a community or government organization, public interest group, or other not-for-profit entity that will benefit directly from the project.

- URL: <http://www.spssi.org/index.cfm?fuseaction=page.viewpage&pageid=637>