

Funding Bulletin

February 9th, 2018 (Vol. 5, No. 9)

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: <u>funding@wichita.edu</u>. Leave the subject line blank. In the message area, type: <u>sub funding bulletin</u>. To unsubscribe, type: <u>unsub funding bulletin</u>.

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 <u>proposals@wichita.edu</u>. 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 Kendra Nguyen at kendra.nguyen@wichita.edu or 978-3285.

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

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Feb 15	9:30 – 11:00 a.m.	409E Jardine	The IRB Administrator will be holding Open Labs this spring for Faculty, Staff or Students who have questions about the new forms or about their study in general. This is a come and go lab with no registration required.
SBIR Monthly Q&A	Feb 15	2:00 – 4:00 p.m.	Experiential Engineering Building 163	These monthly sessions allow students, faculty and staff to learn more about the U.S. government's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs or ask questions about specific topics.
Research Compliance Open Lab	Feb 21	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub	The Research Compliance Office will hold an open lab for questions regarding hiring foreign nationals; shipping or receiving items from outside the US; international travel; review of Research projects for export compliance; conflicts of interest & management plans. This is a come and go lab with no registration required.
Conflicts of Interest & Time Commitments (brown bag workshop)	Feb 23	12:00 – 1:30 p.m.	405 Jardine	This workshop will provide an overview of WSU policy, the disclosure process, management plans and examples of conflicts of interest from academic settings that have made headlines. Please bring your lunch. Tea, water and dessert will be served. Registration is required through myTraining.



NOTICES

Funding Bulletin Survey – your feedback is appreciated!

The Office of Research has created a short survey to gage user satisfaction for our Funding Bulletin; please take a couple minutes to tell us your thoughts about it. 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 9AHfbwsfnD8Y6a1

Curious to see who's receiving external funding on campus?!? Check out the Office of Research's Monthly Awards

http://webs.wichita.edu/?u=wsuresearchadmin&p=/researchmonthlyawards/jan17/

INTERNAL OPPORTUNTIES

There are currently no open internal competitions. Upcoming opportunities will be posted as the next deadlines are announced. For information about internal opportunities previously offered, see the link below:

http://webs.wichita.edu/?u=wsuresearchadmin&p=/orainternalgrants/orainternalgrants/



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 Notice of Intent (NOI) due date listed in the Funding Bulletin if you wish to submit a limited submission program. Because many limited submission programs often have short turnaround times, it is important that researchers also periodically check the Office of Research's Limited Submission Opportunities webpage for additional opportunities that may not have made it into the bulletin. There are currently three open limited submission competitions (please see our website for additional limited submissions whose internal deadlines that have passed but may still be accepted NOIs):

(1) Vision Screening in Young Children

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA) - Maternal and Child Health Bureau (MCHB)

Due Date: Internal NOIs 2/23/2018; Application 3/26/2018

The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau is accepting applications for fiscal year (FY) 2018 Vision Screening in Young Children Program. The purpose of this program is to fund a national entity to support state efforts to implement evidence-based and promising early childhood vision screening, follow-up, and surveillance protocols by providing technical assistance, tools, training, and opportunities for information sharing and learning. HRSA-18-064 Multiple applications from an organization are not allowable.

- URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=295200

(2) Preservation Assistance Grants for Smaller Institutions

National Endowment for the Humanities (NEH)

Due Date: Internal NOIs 3/30/2018; Application 5/1/2018

Preservation Assistance Grants help small and mid-sized institutions - such as libraries, museums, historical societies, archival repositories, cultural organizations, town and county records offices, and colleges and universities - improve their ability to preserve and care for their significant humanities collections. These may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine art objects, textiles, archaeological and ethnographic artifacts, furniture, historical objects, and digital materials. Applicants must draw on the knowledge of consultants whose



preservation skills and experience are related to the types of collections and the nature of the activities that are the focus of their projects. Within the conservation field, for example, conservators usually specialize in the care of specific types of collections, such as objects, paper, or paintings. Applicants should therefore choose a conservator whose specialty is appropriate for the nature of their collections. Similarly, when assessing the preservation needs of archival holdings, applicants must seek a consultant specifically knowledgeable about archives and preservation. Because the organization and the preservation of archival collections must be approached in tandem, an archival consultant should also provide advice about the management and processing needs of such holdings as part of a preservation assessment that includes long-term plans for the arrangement and description of archival collections. 20170502-PG Only one application for a Preservation Assistance Grant may be submitted annually by an institution, although distinct collecting entities of a larger organization may apply in the same year, such as the library and museum of a university or two historic sites within a historical society.

- URL: https://www.neh.gov/grants/preservation/preservation-assistance-grants-smaller-institutions

(3) Research Initiative for Scientific Enhancement (RISE) (R25)

National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS) **Due Date: Internal NOIs 4/6/2018; Application 5/25/2018**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on research experiences and courses for skills development. Applicants should directly address how the set of activities will enhance the diversity of the biomedical, behavioral and clinical research workforce by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the three activities integrate; and 3) objective indicators that can measure the effectiveness of the program. **PAR-16-361** *Only one application per institution is allowed*

- URL: https://grants.nih.gov/grants/guide/pa-files/PAR-16-361.html



GENERAL

Career Guidance for Trainees (CGT)

Burroughs Wellcome Fund (BWF)

Due Date: 3/6/2018

Moving from training to satisfying employment, whether within academe or in other realms, can require skills not always learned at the bench. Surveys show that what employers want from potential Ph.D. job applicants is what graduate education means to provide: deep knowledge, hands-on experience, ability to ask meaningful questions and find answers to them, experience managing projects, capacity to work independently, initiative, entrepreneurialism, and an advanced ability to communicate clearly about complex things. Helping trainees understand, acquire, and demonstrate skills that make them ready for complex careers should be the goal of submitted projects. BWF will support pilot projects that demonstrate practical approaches to readying scientists for career transitions. Projects may be meant to enhance trainees' understanding of jobs beyond the Academy, or of career trajectories within academe, or of the flexibility of scientists' intellectual skill set. This fourth call for proposals has a different requirement than earlier rounds. Work proposed in this round MUST involve substantial partnerships that bring together complementary strengths from groups that are considerably separate from one another. Academic institutions, professional societies, and advocacy organizations are among the appropriate drivers of proposals. BWF aims to advance good ideas that have the potential to be deployed at larger scales. FASEB's Individual Development Plan, a tool that helps structure key conversations between trainee and advisor, and Preparing Future Faculty, a program that provides trainees opportunities to observe and experience faculty responsibilities, are two programs (not developed with BWF support) that are examples of high impact programs that started small and spread. By citing them as examples, BWF means to encourage potential applicants to think big. In these proposals, applicants should send BWF ideas that could change how an organization like theirs thinks about readying trainees for successful, fulfilling, happy careers that reflect the value of a scientific education.

- URL: https://www.bwfund.org/grant-programs/career-quidance/career-quidance-trainees



Cultivating Cultures for Ethical STEM (CCE STEM)

National Science Foundation (NSF) **Due Date: 4/17/2018, 2/22/2019**

Cultivating Cultures for Ethical STEM (CCE STEM) funds research projects that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all the fields of science and engineering that NSF supports. CCE STEM solicits proposals for research that explores the following: 'What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?' Factors one might consider include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or memberships in organizations (e.g. Engineers without Borders) that stress responsible conduct for research, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade. Do certain labs have a 'culture of academic integrity'? What practices contribute to the establishment and maintenance of ethical cultures and how can these practices be transferred, extended to, and integrated into other research and learning settings? Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or among other factors, and they specify plans for developing interventions that promote the effectiveness of identified factors. CCE STEM research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill students with this knowledge. In some cases, projects will include the development of interventions to ensure responsible research conduct. Proposals for awards from minority-serving institutions (e.g. Tribal Colleges and Universities, Historically Black Colleges and Universities, Hispanic-Serving Institutions, Alaska Native or Native Hawaiian Serving Institutions), women's colleges, and institutions primarily serving persons with disabilities are strongly encouraged. Proposals including international collaborations are encouraged when those efforts enhance the merit of the proposed work by incorporating unique resources, expertise, facilities or sites of international partners. The U.S. team's international counterparts generally should have support or obtain funding through other sources. NSF 18-532

- URL: https://www.nsf.gov/pubs/2018/nsf18532/nsf18532.htm



ARTS & HUMANITIES

Innovations in Reading Prize
National Book Foundation (NBF)

Due Date: 2/28/2018

Each year, the National Book Foundation's Innovations in Reading Prize awards \$10,000 to an individual or organization that has developed an innovative project which creates and sustains a lifelong love of reading in the community they serve. In addition, the Foundation recognizes four projects to receive the designation of honorable mention. Both the winner and honorable mentions are invited to participate in the Foundations' annual Why Reading Matters Conference.

Applicants should:

- Share the National Book Foundation's mission to expand the audience for literature in America;
- Focus on reading, and not exclusively literacy skills;
- Demonstrate innovation in mission, approach, and/or audience/community served;
- Apply for an existing program/project/initiative with evidence of success--as Innovations in Reading is a prize and not a grant, the goal is to reward work already underway, encouraging it to continue and/or expand.
 - URL: http://www.nationalbook.org/innovations in reading application.html#.WnnvOedG2Uk

Language Legacies Grant Program

Endangered Language Fund

Due Date: 3/15/2018

The Endangered Language Fund provides grants for language documentation and revitalization, and for linguistic fieldwork. The work most likely to be funded is that which serves both the native community and the field of linguistics, although projects which have immediate applicability to one group and more distant applicability to the other will also be considered. Support for publication is a low priority, although it will be considered. Proposals can originate in any country. The language involved must be in danger of disappearing within a generation or two. Endangerment is a continuum, and the location on the continuum is one factor in our funding decisions.

URL: http://www.endangeredlanguagefund.org/rfp languagelegacies2018.html



Research Grants and John K. Hulston Scholarship

National Archives and Records Administration (NARA) - Office of Presidential Libraries - Harry S. Truman Library Institute for National and International Affairs

Due Date: 4/1/2018 (Spring Deadline); 10/1/2018 (Fall Deadline)

Research Grants are awarded to offset the cost of conducting research at the Harry S. Truman Library and Museum. The John K. Hulston Scholarship is awarded to a researcher who wishes to visit multiple research facilities - including the Truman Library - for their topic. Applicants should indicate their interest in the Hulston Scholarship when submitting their Research Grant applications and include a detailed project budget outlining additional repositories to be consulted and how materials at those repositories fit into the larger project. Competitive proposals will evidence a clear understanding of the existing research in the field and how the proposed work adds significantly to that body of literature. Applicants are expected to demonstrate both an analytical and descriptive grasp of the project and its centrality to the Truman era. Preference will be given to projects that have application to enduring public policy and foreign policy issues and that have a high probability of being published or publicly disseminated in some other way. The potential contribution of a project to an applicant's development as a scholar will also be considered.

URL: http://www.trumanlibraryinstitute.org/research-grants/research-grants/



EDUCATION

Grants

Braitmayer Foundation

Due Date: Letters of Inquiry accepted between 2/1/2018 - 3/15/2018; Applications

10/15/2018

The Foundation is interested in proposals utilizing innovative practices in K-12 education throughout the United States.

Of particular interest are:

- Curricular and school reform initiatives.
- Preparation of and professional development opportunities for teachers, particularly those which encourage people of high ability and diverse background to enter and remain in K-12 teaching.

In addition, the Foundation provides modest support of activities in Marion, Massachusetts and surrounding communities which will improve the quality of life for residents in the area. The Foundation is pleased to have its grants used anywhere in the United States as seed money, challenge grants, or to match other grants to the recipient organizations. The Foundation does not make grants for general operating, endowment purposes or building programs. Unless a small percentage of the total amount requested, normally the Foundation does not make grants for childcare, pre-kindergarten, or after school programs nor for equipment including hardware, software, and books.

URL: http://www.braitmayerfoundation.org/quidelines/



ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Millimeter-Wave Digital Arrays (MIDAS)

U.S. Department of Defense (DOD) - Defense Advanced Research Projects Agency (DARPA) **Due Date: 3/26/2018**

Concise description of the funding opportunity: DARPA seeks innovative proposals for the development of element-level digital beamforming array technology at millimeter wave frequencies. The primary goal of the program is to develop and demonstrate a tile building block sub-array (>16 elements) that supports scaling to large arrays (100's-10,000+) in the 18-50 GHz band. It is expected that this will be enabling hardware for multi-function, multi-beam phased array applications and emerging massive multiple-input-multipleoutput (MIMO) techniques in communication and sensing. **HR001118S0020**

- URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300257

Stewardship Science Academic Alliances (SSAA)

United States Department of Energy (DOE) - National Nuclear Security Administration (NNSA) **Due Date: 3/26/2018**

The Office of Research, Development, Test, and Evaluation, under Defense Programs within the Department of Energy's (DOE) National Nuclear Security Administration (NNSA), announce their interest in receiving grant applications for new or renewal awards for research in the Stewardship Science Academic Alliances (SSAA) Program. The SSAA Program, established in 2002, was developed to support state-of-the-art research at U.S. academic institutions in areas of fundamental physical science and technology of relevance to the Stockpile Stewardship Program mission, with a focus on those areas not supported by other federal agencies. For purposes of this FOA, the research areas of interest are: properties of materials under extreme conditions and/or hydrodynamics (condensed matter physics and materials science, and fluid dynamics); low energy nuclear science; and radiochemistry. Any financial assistance awarded as a result of this FOA will be contingent upon the availability of appropriated funds. **DE-FOA-0001831**

- URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300281



FY 2017 Small Business Innovation Research (SBIR) Program - Phase II

U.S. Department of Commerce (DOC) - National Institute of Standards and Technology (NIST) **Due Date: 4/14/2018**

The National Institute of Standards and Technology (NIST) invites FY 2015 NIST SBIR Phase I awardees to submit Phase II research applications under this Federal Funding Opportunity (FFO). Only NIST SBIR FY 2016 Phase I awardees are eligible to submit applications for Phase II of their projects. In Phase II, work from Phase I that exhibits potential for commercial application is further developed. Phase II is the R&D or prototype development phase. To apply for a Phase II award, each Phase I awardee is required to submit a comprehensive application outlining the research. One year after completing Phase II R&D activity, the awardee shall be required to report on its commercialization activities. **2017-NIST-SBIR-02**

URL: https://www.grants.gov/web/grants/view-opportunity.html?oppId=291721

US-EU Internet Core & Edge Technologies (ICE-T)

National Science Foundation (NSF)

Due Date: 5/7/2018

The Division of Computer and Network Systems (CNS) within the Directorate for Computer and Information Science and Engineering (CISE) supports research and education activities that seek to develop a better understanding of the fundamental properties of computer and network systems. The Networking Technology and Systems (NeTS) program in the CNS division supports transformative research on fundamental scientific and technological advances leading to the development of Next Generation Internet (NGI) and Advanced Wireless Networking (AWN) systems and technologies. NSF/CISE and the European Commission's (EC) Directorate General for Communication Networks, Content and Technology (DG CONNECT) seek to enable US and European Union (EU) researchers to collaborate to address compelling research challenges in NGI and AWN. Topics of interest include, but are not limited to, software-defined infrastructures; network function virtualization; resource management in support of content delivery; open data architectures for shared, federated research infrastructures; advanced wireless technologies; and research software tools to support advanced wireless and smart city/community testbeds. This NSF solicitation is expected to align with a related effort in the EC's Horizon 2020's Work Programme for 2018-2020. For funding under this solicitation, US investigators must describe: 1) collaborative research, 2) research collaboration initiation activities, or 3) research fellowships with counterpart EU investigators who have received, or are requesting funding separately under the EC Horizon 2020 Programme area on Information and Communication Technologies (ICT).



As such, NSF's ICE-T program will support awards in three classes:

Research Collaboration (RC)
Research Collaboration Initiation (RI)
Research Fellowships (RF)

NSF/CISE and DG CONNECT recognize the opportunity for the US and EU to jointly benefit from international research collaborations in NGI and AWN that will accelerate the creation of a global, human-centric internet. This solicitation seeks to advance this opportunity by supporting US investigators to work in collaboration with EU investigators, toward increased understanding of core and edge network technologies and systems. **NSF 18-535**

- **URL**: https://www.nsf.gov/pubs/2018/nsf18535/nsf18535.htm

HEALTH, LIFE & EARTH SCIENCES

University of Kansas NIH COBRE Center for Molecular Analysis of Disease Pathways (CMADP) Research Project Competition

University of Kansas – National Institutes of Health (NIH)

Due Date: Letters of Intent 2/12/2018; Full Applications 3/26/2018

The COBRE Center for Molecular Analysis of Disease Pathways (CMADP) at the University of Kansas provides participating investigators with research support, mentoring and access to Core Lab Services in a collegial, collaborative atmosphere. We anticipate being able to support up to three (3) new Research Projects at up to \$125,000 direct costs per year for one year, renewable for a second year, starting May 17, 2018. Applications must describe a research project that fits well with the scientific theme of our Center and that will make good use of one or more of the CMADP Core Labs (http://cmadp.cobre.ku.edu/cores). This competition is open to all full time, tenure-track, or tenured faculty at KU-L, KSU, WSU or KUMC whose research embraces the molecular analysis of disease pathways in the broadest sense.

Letters of Intent should be sent as a PDF via email to Cady Bush, COBRE CMADP Program Coordinator (cbush@ku.edu)

URL: http://cmadp.cobre.ku.edu/research project RFA



Addressing Disparities

Patient-Centered Outcomes Research Institute (PCORI)

Due Date: Letters of Intent 2/13/2018; Applications 5/16/2018

PCORI invites applications for clinical comparative effectiveness research (CER) designed to evaluate and compare interventions intended to reduce or eliminate disparities in health and health care. Patients, caregivers, and clinicians often lack the appropriate evidence required to make the best choices regarding prevention, screening, diagnosis, monitoring, or treatment. Applications to the Addressing Disparities Program should focus on overcoming barriers that may disproportionately affect health outcomes or focus on identifying best practices for reducing disparities in target populations (racial and ethnic minority groups; low-income groups; residents of rural areas; individuals with special healthcare needs, including individuals with disabilities; patients with low health literacy/numeracy and/or limited English proficiency; and lesbian, gay, bisexual, and transgender [LGBT] persons). The health disparities literature has largely been devoted to describing disparities, including identifying their potential sources and drivers. Previous research has identified pervasive disparities in access to high-quality health care and worse health outcomes for specific populations across multiple conditions and multiple settings, outcomes that are based on race/ethnicity, gender, geographic location, socioeconomic status, disability, and other factors. These disparities have been well documented. Thus, PCORI's Addressing Disparities Program is seeking applications that compare evidence-based interventions to improve health outcomes and reduce disparities for target populations.

- URL: https://www.pcori.org/funding-opportunities

Strengthening Public Health Systems and Services Through National Partnerships to Improve and Protect the Nation's Health

United States Department of Health and Human Services (HHS) - Centers for Disease Control and Prevention (CDC)

Due Date: Letters of Intent 2/27/2018; Application 3/29/2018

The purpose of this notice of funding opportunity (NOFO) is to announce a CBA program to strengthen the nation's public health infrastructure, ensure a competent, current and connected public health system, and improve delivery of essential services through capacity-building assistance (CBA). CBA is defined as activities that strengthen and maintain the infrastructure and resources necessary to sustain or improve system, organizational, community, or individual processes and competencies. CBA is delivered through technical assistance, training, information sharing, technology transfer, materials development, or funding that enables organizations to operate in a comprehensive, responsive, and effective manner. The goal is to fund organizations that have the capability, expertise, resources,



national reach, and history of providing capacity-building relevant to implementing this program's key strategies and activities to achieve expected outcomes. The program strategies include strengthening the capacities and capabilities of public health systems infrastructure; leadership and workforce; data and information systems; communication and information technology; partnerships; laws and policies; and programs and services. The capacity-building efforts of this program are expected to strengthen and optimize the public health system and services to improve and protect the nation's health. **CDC-RFA-OT18-1802**

- URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300318

Dimensions of Biodiversity

National Science Foundation (NSF)

Due Date: 2/28/2018

Despite centuries of discovery, most of our planet's biodiversity remains unknown. The scale of the unknown diversity on Earth is especially troubling given the rapid and permanent loss of biodiversity across the globe. The goal of the Dimensions of Biodiversity campaign is to transform, by 2020, how we describe and understand the scope and role of life on Earth. This campaign promotes novel integrative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and focuses on the intersection of genetic, phylogenetic, and functional dimensions of biodiversity. Successful proposals must integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core programs in BIO, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in novel ways, to understand their synergistic roles in critical ecological and evolutionary processes, especially pertaining to the mechanisms driving the origin, maintenance, and functional roles of biodiversity. The Dimensions of Biodiversity program includes partnerships with the National Natural Science Foundation of China (NSFC), the São Paulo Research Foundation (FAPESP) of Brazil, and the National Research Foundation (NRF) of South Africa in fiscal year 2018. NSF 18-512

- **URL:** https://www.nsf.gov/pubs/2018/nsf18512/nsf18512.htm



ROSES 2017: Juno Participating Scientist Program

National Aeronautics and Space Administration (NASA)

Due Date: Stage 1 Applications 3/1/2018; Proposals 4/26/2018

The objective of the Juno Participating Scientist Program (Juno PSP) is to enhance the scientific return during the science phase of the Juno mission by expanding participation in the mission through new investigations that broaden and/or complement existing mission investigations. The Principal Investigator (PI) of a selected proposal, and that person alone, will be added to the Juno Science Team as a Participating Scientist and will be given all of the rights and responsibilities of Juno Co-Is, as per the Juno Rules of the Road. In the case that a proposal names a Science PI, that individual (and not the named Principal Investigator) will be added to the Juno Science Team as a Participating Scientist; for these proposals, "Principal Investigator" means "Science PI" and the proposal Principal Investigator will be considered a Co-Investigator. NNH17ZDA001N-JUNOPSP

Juno's primary science goal is to inform the understanding of the formation, evolution and structure of Jupiter, which is directly related to the conditions in the early solar system which led to the formation of our planetary system. The mission addresses this goal through its specific science objectives regarding Jupiter's atmospheric structure, gravitational field, magnetic field, and polar magnetosphere. In no particular order, those objectives are:

- 1. Atmospheric composition: Investigate the formation and origin of Jupiter's atmosphere and the potential migration of planets through the measurement of Jupiter's global abundance of oxygen (water) and nitrogen (ammonia).
- 2. Atmospheric structure: Investigate variations in Jupiter's deep atmosphere related to meteorology, composition, temperature profiles, cloud opacity, and atmospheric dynamics.
- 3. Magnetic field: Investigate the fine structure of Jupiter's magnetic field, providing information on its internal structure and the nature of the dynamo.
- 4. Gravity field: Explore the distribution of mass inside the planet.
- 5. Polar magnetosphere: Explore Jupiter's three-dimensional polar magnetosphere and aurorae.
 - URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300385

Investigator Award in Cell and Gene Therapy for Cancer

Alliance for Cancer Gene Therapy (ACGT)

Due Date: Abstracts 3/13/2018; Applications 5/15/2018

Alliance for Cancer Gene Therapy, Inc. (ACGT) funds research aimed at furthering the development of cell and gene therapy approaches to the treatment of cancer.



This award is for those conducting cell and gene therapy research in the following areas:

- Technology for systemic delivery and treatment of metastatic disease that could involve novel tumor-targeted delivery vehicles (e.g. tumor-homing cells, nanoparticles and new recombinant viruses).
- Altering the tumor cell microenvironment to support the induction of anti-tumor immunity
- Identification of novel tumor targets
- Novel approaches to either protective adoptively transferred cells from metabolic changes or alter the metabolism of transferred cells.

Preference will be given to those working in solid tumors, orphan tumors or pediatric tumors, and to research not previously funded, thus highly innovative proposals.

- URL: http://acqtfoundation.org/news/2018ia-rfa/

Health Policy Research Scholars (HPRS) Program

Robert Wood Johnson Foundation (RWJF)

Due Date: 3/14/2018

The goal of Health Policy Research Scholars is to create a large cadre of diverse doctoral students from a wide variety of research-focused disciplines--students whose research, connections, and leadership will inform and influence policy toward a Culture of Health. Specifically, we aim to recruit doctoral students from a variety of fields/disciplines (e.g., urban planning, political science, economics, ethnography, education, social work, sociology) who are training to be researchers. For the 2018 cohort, the Health Policy Research Scholars program will enroll up to 40 scholars interested in learning to translate their research into health policy and who are from underrepresented populations and/or disadvantaged backgrounds. Examples of eligible individuals include, but are not limited to, first-generation college graduates; individuals from lower socioeconomic backgrounds; individuals from racial and ethnic groups underrepresented in doctoral programs; and individuals with disabilities. Scholars in this program--which is designed to enhance and enrich the doctoral program--will complete the Health Policy Research Scholars program concurrently with their doctoral program.

- URL: https://www.rwjf.org/en/library/funding-opportunities/2018/health-policy-research-scholars.html



Funding for Faculty

Regional Institute on Aging - Wichita State University

Due Date: 3/15/2018

Sustaining physical, cognitive, psychological, and social well-being into later years has become a critical focus for aging research as human life spans lengthen. The Regional Institute on Aging (RIA) at Wichita State University is pleased to announce an exciting new funding opportunity for faculty research that addresses issues related to well-being in older adults. This funding opportunity is supported by a gift from the estate of Evelyn Cassat. RIA will provide 12-month funding for two WSU faculty research projects that contribute to knowledge and practice related to well-being in older adults. The maximum funding amount for each of two proposals is \$20,000. Proposals may be either for foundational research or for applied research.

URL: <u>http://wsuria.org/applyhere/</u>

Applied Research Competition

Organization for Autism Research (OAR)

Due Date: Preliminary Proposals 3/26/2018; Full Proposals 8/6/2018

The Organization for Autism Research (OAR) seeks proposals for its 2018 Applied Research Competition. Through this competition, OAR intends to promote evidence-based practices delivered from research in the following areas:

- The analysis, evaluation, or comparison of current models of assessment, intervention, or systems of service delivery, including policy analysis
- Applied aspects of educational, behavioral, or social/communicative intervention
- Effective intervention across the lifespan for individuals considered to be severely impacted by autism
- Adult issues such as continuing education, employment, residential supports, sexuality instruction, quality-of-life determinants, and "later intervention"
- Issues related to family support, social and community integration, assessment and intervention with challenging behavior, and the use of technology in support of learners with ASD
- URL: https://researchautism.org/research-grants/apply-for-a-grant/applied-research/



National Fetal, Infant, and Child Death Review Program

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA) - Maternal and Child Health Bureau (MCHB)

Due Date: 4/2/2018

The Health Resources and Services Administration (HRSA)'s Maternal and Child Health Bureau's Division of Child, Adolescent and Family Health (DCAFH) and Division of Healthy Start and Perinatal Services (DHSPS) are accepting applications for the fiscal year (FY) 2018 National Fetal, Infant, and Child Death Review Program (FICDRP). This program works to reduce fetal, infant, and child deaths by improving the quality of fatality reviews and providing evidence-based prevention strategies. The program will fund organization(s) to support data collection, training, and technical assistance for the Fetal and Infant Mortality Review (FIMR) programs and the Child Death Review (CDR) teams across the country. The systematic fatality reviews of these programs are integral to State Title V Maternal and Child Health Block Grant Programs and Healthy Start Programs' ability to implement effective efforts to prevent fetal, infant, child, and adolescent deaths. HRSA-18-089

Through the delivery of data, training, and technical support, the recipient(s) of this NOFO will assist state and community programs in using FIMR and/or CDR to:

- address adverse maternal, fetal, infant, and child outcomes;
- monitor progress toward improving maternal and child health systems;
- improve the quality and effectiveness of the CDR and/or FIMR processes;
- increase the availability and use of data to measure performance;
- inform prevention efforts; and
- disseminate the results nationally.
- URL: https://www.grants.gov/custom/viewOppDetails.jsp?oppId=295229

Research Grants for Independent Investigators - Institutional Research Grants

American Cancer Society (ACS)

Due Date: 4/2/2018

An Institutional Research Grant (IRG) is a block award to an institution that enables it to give small grants to beginning investigators who have no national peer-reviewed research grant support. The intent is to support these junior faculty in initiating cancer research projects so they can obtain preliminary results that will enable them to compete successfully for national research grants.

The purpose of the Institutional Research Grants program is:

- to support the development of new investigators to conduct independent cancer research;



- to foster direct relationships between funded institutions and the local American Cancer Society; and
- to support research by newly independent investigators in areas of special interest to the Society.

See the policies and instructions document for updated details.

- URL: <u>https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/institutional-research-grants.html</u>

Research Grants

Whitehall Foundation, Inc.

Due Date: Fall Session Letters of Intent 4/15/2018; Applications 9/1/2018

Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant. The Whitehall Foundation, through its program of grants and grants-in-aid, assists scholarly research in the life sciences. It is the foundation's policy to assist those dynamic areas of basic biological research that are not heavily supported by Federal Agencies or other foundations with specialized missions. The foundation is currently interested in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior. The foundation does not support research focused primarily on disease(s) unless it will also provide insights into normal functioning.

- URL: http://www.whitehall.org/grants/

Arthur Flagler Fultz Research Award

American Music Therapy Assocation (AMTA)

Due Date: 5/4/2018

The purpose of the Arthur Flagler Fultz Research Fund is to encourage, promote, and fund music therapy research and to explore new and innovative music therapy treatments.

The Fund seeks to support research in the field of music therapy in the following areas:



- **a. Clinical Research** To assess the efficacy of music therapy interventions and help define best practice.
- **b. Health Services Research** To assess the role of music therapy practice in the context of emerging health care delivery models.

These funding priorities are not listed in hierarchical order. Research projects that meet one or more of these funding priorities are preferred.

- a. Analysis of the effectiveness of selected interventions in achieving predictable outcomes.
- b. Development, refinement and testing of theories of music therapy.
- c. Examination of the use of music and music therapy in the areas of prevention and wellness, including outcomes-based studies that focus on the health of communities as well as individuals.
- d. Development and standardization of research instruments, including assessment tools.
- e. Studies which utilize qualitative techniques to develop a better understanding of music therapy processes, including stages of intervention, the music therapist's decision making process, and variables that impact upon outcomes.
- f. Studies that examine the application of technology to music therapy practice or research.
- g. Other research as related to the AMTA mission.

Funds from the Fund may be used for the following: (1) new research projects that meet the funding priorities, (2) research projects in process that meet the funding priorities, graduate student research projects that meet the funding priorities, and (4) demonstration projects with strong research components that meet the funding priorities.

- URL: https://www.musictherapy.org/research/fultz/

MULTIPLE DISCIPLINES

Integrative Strategies for Understanding Neural and Cognitive Systems *National Science Foundation (NSF)*

Due Date: Letters of Intent 2/20/2018; Full Proposals 4/17/2018 (FOUNDATIONS)

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines are leading to an increasingly interconnected fabric of theories, models, empirical methods and findings, and



educational approaches, opening new opportunities to understand complex aspects of neural and cognitive systems through integrative multidisciplinary approaches. This program calls for innovative, integrative, boundary-crossing proposals that can best capture those opportunities. NSF seeks proposals that are bold, risky, and transcend the perspectives and approaches typical of single-discipline research efforts. This cross-directorate program is one element of NSF's broader effort directed at Understanding the Brain, a multi-year activity that includes NSF's participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (http://www.nsf.gov/brain/). NSF envisions a connected portfolio of transformative, integrative projects that create synergistic links across investigators and communities, yielding novel ways of tackling the challenges of understanding the brain in action and in context.

Integrative Strategies for Understanding Neural and Cognitive Systems is open to proposals to advance the foundations of one or more of the following integrative research themes, described within the solicitation:

- 1. Neuroengineering and Brain-Inspired Concepts and Designs
- 2. Individuality and Variation
- 3. Cognitive and Neural Processes in Realistic, Complex Environments
- 4. Data-Intensive Neuroscience and Cognitive Science.

Within each theme, advances in theory and methods, technological innovations, educational approaches, research infrastructure, and workforce development are all of significant interest. Proposals must be consistent with the missions of the participating directorates. High-risk, high-payoff approaches are expected. Proposals must directly address risks and how they will be managed, potentially transformative payoffs, and the relationship between the risks and rewards at stake. During FY17 the program will consider two classes of proposals. INTEGRATIVE FOUNDATIONS awards (CISE, EHR, ENG, SBE) will support projects that develop foundational advances that are deeply connected to a broad scope of important research questions in neural and cognitive systems, and have significant potential for transformative advances in one or more of the integrative thematic areas. CORE+SUPPLEMENTS (CISE, EHR, ENG) will provide additional support to new or existing projects in the participating directorates, to enable additional activities that will connect those projects to significant new integrative opportunities in neural and cognitive systems. NSF 18-533

- **URL:** https://www.nsf.gov/pubs/2018/nsf18533/nsf18533.htm



Dear Colleague Letter: Belmont Forum Joint Initiative with BiodivERsA

National Science Foundation (NSF)

Due Date: 3/9/2018

The Directorate for Geosciences is participating with the Belmont Forum1 on a new call for proposals, "Scenarios of Biodiversity and Ecosystem Services II," in partnership with BiodivERsA2. This call invites proposals that explicitly address a biodiversity scenario, considering the following definition: "Scenarios of biodiversity and ecosystem services are the outputs of the combination of scenarios of indirect drivers and direct drivers -- such as land use change, invasive alien species, overexploitation, or pollution -- and models of impacts of these drivers on biodiversity and ecosystem services." The Belmont Forum will support, on a competitive basis, collaborative projects co-designed by teams of researchers from at least three participating countries. These interdisciplinary teams will bring together natural scientists, social/economic scientists and research users, such as policy makers, regulators, non-Governmental organizations (NGOs) and industry. Proposals will be jointly reviewed by a panel of experts and the participating funding organizations. Successful projects are expected to demonstrate added value through multilateral collaboration. Support for U.S.-based researchers will be provided through awards made by the National Science Foundation. Through this call, the Belmont Forum seeks to bring together integrated teams of natural scientists, social scientists, and stakeholders to develop projects that address the barriers that impede the widespread and productive use of scenarios and models of biodiversity and ecosystem services relevant to real-world challenges. The Belmont Forum seeks to support projects that are based on transdisciplinary research involving robust stakeholder engagement.

All proposals for this call will be submitted to the Belmont Forum's Electronic Proposal Submission System (EPSS). In accordance with NSF policy, proposals that have U.S. Lead PI's must be submitted to the online Biodiveristy call portal system. Please see the Belmont Forum website (http://www.belmontforum.org) for up to date information on how to submit a proposal to the call. NO proposals submitted directly to FastLane will be accepted. In compliance with NSF policy, U.S. PI's included in any consortium must have their Sponsored Projects Office or equivalent submit an email to the US National Contact points acknowledging that the PI has submitted a pre-registration and/or proposal to the call portal. Once the review process is complete, the U.S. Lead PI will be contacted by the NSF point of contact with further instructions on how to upload the proposal information into FastLane. In addition, U.S. investigators that are part of a consortium and are NOT the Lead PI, will be contacted by the NSF point of contact to upload proposal information into FastLane. NSF 18-044

- URL:https://www.nsf.gov/pubs/2018/nsf18044/nsf18044.jsp?WT.mc_id=USNSF_25&WT.mc_ev = click



NEW FACULTY/INVEESTIGATOR

Mellon/ACLS Public Fellows Competition for Recent PhDs

American Council of Learned Societies (ACLS)

Due Date: 3/14/2018

The Mellon/ACLS Public Fellows program places recent PhDs from the humanities and humanistic social sciences in two-year staff positions at partnering organizations in government and the nonprofit sector. The Mellon/ACLS Public Fellows program is an innovative, career-launching initiative that allows talented humanities PhDs to gain valuable experience in areas such as arts management, communications, public policy, international relations, and digital media. Please note: This program aims to demonstrate the wide applicability of the PhD outside academia.

URL: http://www.acls.org/programs/publicfellowscomp/

New Investigator/Early Career Program in the Social and Behavioral Sciences

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 3/27/2018

The goal of this solicitation is to broaden the pool of NIJ-sponsored researchers by encouraging new scholars to develop their own research. The objective of the New Investigator/Early Career Program is to provide assistant professors with an opportunity to conduct research that is directly relevant to criminal justice. In the social and behavioral sciences, NIJ encourages applications from diverse disciplines including but not limited to: criminal justice, criminology, economics, law, psychology, public health, and sociology. In the STEM sciences, NIJ encourages applications from diverse disciplines including but not limited to: computer and information sciences, civil and mechanical engineering, physical sciences, mathematics, biostatistics, data science and material sciences. Please note that applicants may not submit the same research project for funding under other NIJ Fellowship opportunities such as W.E.B. Du Bois. However, applicants are permitted to submit applications for funding of different research projects to multiple NIJ Fellowship opportunities. In addition to required data sets, interim and final progress and financial reports, NIJ expects scholarly products to result from each award under this solicitation, taking the form of one or more published, peer-reviewed, scientific journal articles, and/or (if appropriate) law review journal articles, book chapter(s) or book(s) in the academic press, technological prototypes, patented inventions, or similar scientific products. It is expected that there will be an equal effort to make the research findings accessible to practitioner and policymaker audiences through articles in trade publications, the development of training manuals,



policy briefs, conferences, webinars, articles for newspapers or magazines, letters to the editor, or other dissemination vehicles. **NIJ-2017-11363**

- URL: https://www.nij.gov/funding/Documents/solicitations/NIJ-2017-11363.pdf

HFSP Research Grants - Young Investigators' Grants and Program Grants

Human Frontier Science Program Organization (HFSPO)

Due Date: Letters of Intent 3/28/2018 (Registration Deadline 3/19/2018)

Research grants are provided for teams of scientists from different countries who wish to combine their expertise in innovative approaches to questions that could not be answered by individual laboratories. Emphasis is placed on novel collaborations that bring together scientists preferably from different disciplines (e.g. from chemistry, physics, computer science, engineering) to focus on problems in the life sciences.

There are two types of grant:

- Young Investigators' Grants
- Program Grants are awarded

Research grants are available for projects concerned with basic approaches to understanding the complex mechanisms of living organisms. Topics covered range from molecular and cellular approaches to biological functions to systems neuroscience including cognitive functions. The HFSP funds novel collaborations that bring scientists with distinct expertise together to focus on problems at the frontiers of the life sciences. The innovative aspect of the project is a major criterion in the review of HFSP research grants.

URL: http://www.hfsp.org/funding/research-grants

Kenneth B. and Mamie P. Clark Fund

American Psychological Association (APA) - American Psychological Foundation (APF)

Due Date: 6/15/2018

The Fund supports research and demonstration activities that promote the understanding of the relationship between self-identity and academic achievement with an emphasis on children in grade levels K-8.



The Kenneth B. and Mamie P. Clark Grant:

- Stimulates and continues the line of inquiry that Kenneth and Mamie Clark pioneered regarding the impact of race and power on the personal and psychological development of children in the United States.
- Encourages graduate students to implement research that builds upon the early professional work of Kenneth and Mamie Clark by addressing some of the unanswered questions raised by the Clark's early investigations.

Proposals will be evaluated on:

- Conformance with stated program goals and qualifications
- Quality and potential impact of proposed work
- Originality, innovation and contribution to the field with proposed project
- Applicant's demonstrated competence and capability to execute the proposed work
- **URL:** http://www.apa.org/apf/funding/clark-fund.aspx

SOCIAL & BEHAVIORAL SCIENCES

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

National Science Foundation (NSF) **Due Date: 2/28/2018, 2/25/2019**

As part of NSF's Harnessing the Data Revolution (HDR), the Directorate for Social, Behavioral and Economic Sciences (SBE) seeks to develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Successful proposals will, within the financial resources provided by the award, construct such databases and/or relevant analytic techniques and produce a finished product that will enable new types of data-intensive research. The databases or techniques should have significant impacts, either across multiple fields or within broad disciplinary areas, by enabling new types of data-intensive research in the SBE sciences. **NSF 18-517**

- URL: https://www.nsf.gov/pubs/2018/nsf18517/nsf18517.htm



Wenner-Gren Symposia

Wenner-Gren Foundation for Anthropological Research, Inc.

Due Date: 4/1/2018, 10/1/2018

Wenner-Gren Symposia are week-long workshops that involve a small group of invited scholars who meet for intensive discussion and debate. Symposia are administered and fully supported (both financially and logistically) by the Foundation. Symposia are based on a format that was developed and refined at Burg Wartenstein castle, the Foundation's European conference center (1958-1980). The Foundation no longer owns Burg Wartenstein but modern symposia follow the same model. They are held at venues in the US and abroad that allow for an intimate meeting in a congenial environment with minimal distraction. The distinctive character of Wenner-Gren Symposia arises from extensive presymposium planning and the unique symposium format. Pre-symposium planning begins approximately 15 months before the symposium date with a meeting at the Foundation's office in New York, where the academic organizers work with the Foundation's President and Conference Associate to develop the objectives of the symposium, identify specific topics, and decide upon the participants. Participants are given approximately a year to develop their papers, which are circulated in advance of the symposium. The Foundation sponsors two symposia per year and the symposium papers are published in an open access supplementary issue of the Foundation's journal, Current Anthropology. The symposium can be multidisciplinary; however, the primary aim of the meeting must be to address "big" questions in anthropological theory and debate. No special priority is given to proposals that span the four fields of anthropology. Topics are either initiated by the Foundation or selected from submitted proposals on the basis of the importance and timeliness of the topic, the promise of meaningful exchange among scholars representing diverse perspectives and fields, and the potential for opening up new approaches to significant problems. Symposia must advance the Foundation's goal of fostering an international community of anthropologists by drawing participants from around the world. Symposia are partnerships between the Foundation and the academic organizers. Once a proposal is accepted, the Foundation will work closely with the organizers to further develop the objectives of the symposium, identify specific topics, and make final decisions on the participants.

- URL: http://www.wennergren.org/programs/international-symposia

Research and Evaluation on Violence Against Women: Sexual Violence, Intimate Partner Violence, Stalking, and Teen Dating Violence

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ) **Due Date: 4/12/2018**

The goals of the Violence Against Women program of research are to improve knowledge and understanding of intimate partner and dating violence, stalking, and sexual violence through science



to best prevent and respond to these violent crimes. This call for proposals is tied to Department of Justice priorities related to reducing violent crime, responding to victimization, protecting police officers, enhancing investigations and prosecution, and strengthening immigration enforcement. NIJ strives to support objective and independent knowledge and validated tools to reduce violence against women, promote justice for victims of crime, and enhance criminal justice responses to such crimes. NIJ-2018-13702

The goals of the Violence Against Women (VAW) program of research are to promote the safety of women and girls and to enhance the efficiency and effectiveness of the criminal justice system's response to these crimes.

The program seeks to improve knowledge and understanding of teen dating violence, intimate partner violence, sexual violence, and stalking in order to reduce these violent crimes and enhance criminal justice engagement with victims through the following objectives:

- 1. Estimating the scope of the problem;
- 2. Identifying the causes and consequences of VAW;
- 3. Evaluating promising prevention and intervention programs;
- 4. Communicating research results rapidly; and
- 5. Supporting effective collaboration among a multidisciplinary set of researchers, practitioners, and policymakers in the conduct of research
 - URL: https://nij.gov/funding/Documents/solicitations/NIJ-2018-13702.pdf

STUDENTS

Robert Frederick Smith Fund

Smithsonian Institution (SI) - National Museum of African American History and Culture

Due Date: 3/15/2018

The Robert Frederick Smith Fund for the Digitization and Curation of African American History will support three internships at the Museum for Summer 2018. The Museum offers these internships to increase participation of groups who are underrepresented in the museum field. The program provides undergraduate and graduate students opportunities to learn more about the museum field through direct experience in internship projects under the mentorship of Museum staff.

- **URL:** https://nmaahc.si.edu/learn/internshipsfellowships?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_t erm=#si-field-collection-tabs-2100590487-1