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Funding Bulletin
January 26th, 2018 (Vol. 5, 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

WORKSHOPS   ARTS & HUMANITIES
INTERNAL OPPORTUNITIES   ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES
NOTICES   HEALTH, LIFE & EARTH SCIENCES
LIMITED SUBMISSIONS   MULTIPLE DISCIPLINES
GENERAL   SOCIAL & BEAHVIORAL SCIENCES

How to Apply

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

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

OFFICE OF RESEARCH WORKSHOPS

For more information contact 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
Pivot Open Lab	Feb 1	2:30 – 4:00 p.m.	409E Jardine	PIVOT open labs are to assist faculty and staff who are interested in identifying external funding sources. ***This is a come and go lab with no registration required.***
Developing Budgets: How to Avoid a Budget Battle Before A Grant Goes Out	Feb 2	12:00 – 1:30 p.m.	405 Jardine	Please join the Office of Research to ask all your research budget questions (Allowable costs vs Unallowable Costs; WSU Rates, Travel questions; How to Build Flexibility into Grant Budgets; What is cost match and where can I find it; What is indirect cost recovery?).
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.
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

Award for Research/Creative Projects (ARC)
Wichita State University
Due Date: 2/3/2018

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.

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

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3

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 *two* 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) Nurse Anesthetist Traineeship (NAT) Program
U.S. Dept. of Health & Human Services (HHS) - Health Resources & Services Administration (HRSA) - Bureau of Health Workforce (BHW)
Due Date: Internal NOIs 2/2/2018; Application 2/28/2018

The Health Resources and Services Administration (HRSA), Bureau of Health Workforce, Division of Nursing and Public Health is accepting applications for the fiscal year (FY) 2018 Nurse Anesthetist Traineeship (NAT) Program. The purpose of this program is to support eligible entities to meet the cost of traineeships for individuals in nurse anesthesia degree programs. Grants are awarded to accredited institutions that educate registered nurses to become nurse anesthetists; recipient institutions, in turn, disburse funds to students in the form of traineeship support. NAT students may use traineeship funds during the period for which the traineeship is provided for full or partial costs of the tuition and fees, books/e-books, reasonable living expenses (stipends) and to attend workshops or conferences on topics including, but not limited to, reduced opioid use disorder, multi-modal pain management, and enhanced recovery. **HRSA-18-006** *Multiple applications from an organization are not allowable; however, applicants can submit one application per campus (must have unique DUNS numbers).*

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=299601*

(2) Research Initiative for Scientific Enhancement (RISE) (R25)
National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)
Due Date: Internal NOI 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

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4

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

Proposals for Environmental, Education, and Human Service Projects
The Lawrence Foundation
Due Dates: 4/1/2018, 11/1/2018

The Lawrence Foundation in Santa Monica, California, awards grants to qualified charitable organizations in the United States in the areas of education, the environment, human services, disaster relief, and other causes. The foundation awards both program and operating grants (with no geographic restrictions) to nonprofit organizations that are tax-exempt status under section 501(c)(3) of the Internal Revenue Code, as well as public schools and libraries. International charitable organizations, private foundations, for-profit businesses, individuals, churches, and religious, charter, and magnet schools are not eligible for grants from the foundation. In addition, grants are not awarded for computer or audiovisual equipment purchases or for music or garden programs (or related equipment). Also ineligible for funding are programs and equipment for physical education, recreation, theater performance, hospices or retirement homes, political lobbying activities, and voter registration, as well as dinners, balls, and other ticketed events.

- **URL:** *http://www.thelawrencefoundation.org/grants/grant-guidelines/*

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5

ARTS & HUMANITIES

Grants
Elizabeth Firestone Graham Foundation
Due Date: Letters of Inquiry 3/1/2018; Full Proposals 4/15/2018 (Spring Funding Cycle) – Letters of Inquiry 8/1/2018; Full Proposals 9/15/2018 (Fall Funding Cycle)

The Elizabeth Firestone Graham Foundation is dedicated to fostering awareness and appreciation of contemporary visual art, primarily through the support of catalogues and other publications that document exhibitions of work by emerging or under-recognized artists. Of particular interest are projects that attempt to bring together artists and the community, support artists from marginalized populations, and provide exposure to contemporary art where it may not otherwise be seen. Funding from the Elizabeth Firestone Graham Foundation is currently available to support direct costs for catalogues and other publications accompanying contemporary art exhibitions and projects, especially those supporting emerging and under-recognized artists, and produced by organizations outside the nation's cultural centers. Limited funds are also available for publications related to the grantee organization and its programs or collections.

- **URL:** *http://www.efgfoundation.com/guidelines.html*

Institutes for Advanced Topics in the Digital Humanities
National Endowment for the Humanities (NEH)
Due Date: 3/13/2018

The Institutes for Advanced Topics in the Digital Humanities (IATDH) program supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities. The institutes may be a single opportunity or offered multiple times to different audiences. Institutes may be as short as a few days and held at multiple locations or as long as six weeks at a single site. For example, training opportunities could be offered before or after regularly occurring scholarly meetings, during the summer months, or during appropriate times of the academic year. The duration of a program should allow for full and thorough treatment of the topic. These professional development programs may focus on a particular computational method, such as network or spatial analysis. They may also target the needs of a particular humanities discipline or audience. **20180313-HT**

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6

With advances like these in mind, the Institutes for Advanced Topics in the Digital Humanities program aims:

- to bring together humanities scholars and digital technology specialists from different disciplines to share ideas and methods that advance humanities research and teaching through the use of digital technologies;
- to encourage reflection on, and the interpretation and analysis of, new digital media, multimedia, and text-based computing technologies, as well as the integration of these into humanities scholarship and teaching;
- to build communities of inquiry and contribute to the intellectual vitality and professional development of participants;
- to teach current and future generations of humanities scholars to design, develop, and use digital tools and environments for scholarship; and
- to devise new and creative uses for technology that offer valuable models that can be applied specifically to research in the humanities and to allow those methodologies and approaches to be shared with humanities scholars and teachers.

- **URL:** *https://www.neh.gov/grants/odh/institutes-advanced-topics-in-the-digital-humanities*

Infrastructure and Capacity Building Challenge Grants
National Endowment for the Humanities (NEH)
Due Date: 3/15/2018

The mission of this Challenge Grants program is to strengthen the institutional base of the humanities by enabling infrastructure development and capacity building. Grants aim to help institutions secure long-term support for their core activities and expand efforts to preserve and create access to outstanding humanities materials. Through these grants organizations can increase their humanities capacity with spend-down funds that generate expendable earnings to support and enhance ongoing program activities. Eligible activities include the documentation of cultural heritage materials that are lost or imperiled; the preservation and conservation of humanities materials; and the sustaining of digital scholarly infrastructure. Challenge grants may also provide capital directly supporting the purchase of equipment and software; the design, purchase, construction, restoration, or renovation of facilities needed for humanities activities; and collections sharing. Such direct expenditures bring long-term benefits to the institution and to the humanities more broadly. **20180315-CHA**

- **URL:** *https://www.neh.gov/grants/preservation/infrastructure-and-capacity-building-challenge-grants*

Princess Grace Awards
Princess Grace Foundation
Due Date: 3/30/2018 (Theater), 4/30/2018 (Dance, Choreography), 6/1/2018 (Film)

Scholarships, apprenticeships, and fellowships give artists, who are at outset of their careers or early stages of professional development, the financial assistance and encouragement to focus on artistic excellence; and for nominating organizations monetary support eases fundraising challenges, directing resources toward the creative process.

- **URL:** *https://www.pgfusa.org/Awards-Program*

Digital Resources Grants Program
Samuel H. Kress Foundation
Due Date: 4/1/2018; 10/1/2018

The Digital Resources program is intended to foster new forms of research and collaboration as well as new approaches to teaching and learning. The program supports efforts to integrate new technologies into the practice of art history and the creation of important online resources in art history, including both textual and visual resources. Support will also be offered for the digitization of important visual resources (especially art history photographic archives) in the area of pre-modern European art history; of primary textual sources (especially the literary and documentary sources of European art history); for promising initiatives in online publishing; and for innovative experiments in the field of digital art history. Please note that this grant program does not typically support the digitization of museum object collections.

- **URL:** http://www.kressfoundation.org/grants/digital_resources/

Grants
Fender Music Foundation
Due Date: Continuous - The application process involves two steps. Applicants should note that both of these steps must be completed within 24 hours in order for the program to be considered for a grant.
(There is no application deadline; applications are approved on a rolling basis that fluctuates depending on the amount of inventory in stock.)

The Fender Music Foundation awards instruments and equipment to eligible music instruction programs. These items are lightly used, blemished or otherwise imperfect and have been collected from manufacturers and retailers. Descriptions regarding the specific imperfections of each instrument will be available to selected programs.

A qualified program must fit into one of these four categories:
- In-school music classes, in which the students make music
- After-school music programs that are not run by the school
- Community music programs, which offer music instruction to community members
- Music therapy programs, in which the participants make the music

In addition, the program must meet the following five criteria:
1. Individuals are not denied participation based on their musical abilities.
2. If the participants pay to participate, the fee is considerably less than the fair market value.
3. The program has been functioning smoothly for at least one year.
4. Each program participant receives music instruction at least once a week for at least eight months per year. (Camps and workshops are not eligible.)
5. With or without a grant from The Fender Music Foundation, the organization is confident that the program will exist for the foreseeable future.

The organization is currently awarding acoustic guitars, electric guitars, acoustic-electric guitars, bass guitars and the equipment necessary to play these instruments. However, other traditional music instruments are sometimes available. Traditional instruments include string instruments, woodwind instruments, brass instruments, percussion instruments, keyboards and voice. DJ equipment and computers are not available through The Fender Music Foundation.

- **URL:** *http://www.fendermusicfoundation.org/grants/grants-info/*

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9

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Enhanced Superconductors for Future Naval Applications
U.S. Dept. of Defense (DOD) - Dept. of the Navy (U.S. Navy) - Office of Naval Research (ONR)
Due Date: White papers 2/10/2018; Full Proposals 4/10/2018

The overall objective of this program is to advance the state of art characteristics of high temperature superconductors to support applications demanding power delivery, pulsed current delivery, alternating current (AC) and direct current (DC) magnetic fields, and magnetic energy storage. Superconducting materials exhibit lossless DC current transport properties that have potential to enable a wide range of high power density applications including motors, generators, and power cables. The Naval Power & Energy Systems Technology Development Roadmap (NPES TDR) recommends research in advanced conductors development to further reduce size, weight, and cost of conductors used in electrical equipment, and recommends further advancement towards room temperature superconductivity by applying advances in material science. The characteristics of superconductors also permit unique capabilities and unprecedented efficiency in producing and trapping magnetic fields, storing magnetic energy, and integrating inherent fault current limiting capability in conductors and cable topologies. While superconductors have unique and beneficial characteristics for a novel technological capability, the performance is limited by the requisite cryogenic environment and further reduced by the presence of magnetic field. Superconducting based technology aligns with the priority of Operational Endurance identified in the Naval Research and Development Framework. Progress in the basic and applied research topic areas below enhance the efficiency for sustained warfighter operations and platform level energy storage and efficiency for propulsion and weapon systems. **N00014-18-R-SN02**

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300005*

Fiscal Year (FY) 2018 Funding Opportunity Announcement (FOA) for the Office of Naval Research (ONR), on behalf of the Office of the Secretary of Defense (OSD), for the Manufacturing Engineering Education Program
U.S. Dept. of Defense (DOD) - Dept. of the Navy (U.S. Navy) - Office of Naval Research (ONR)
Due Date: White papers 2/16/2018; Full Proposals 5/16/2018

The DoD, through the Office of Naval Research (ONR), seeks a broad range of consolidated and integrated multidisciplinary programs of education with an emphasis on:
a. Developing multidisciplinary instruction that encompasses the total manufacturing engineering enterprise.

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10

b. Providing opportunities for students to obtain relevant work experience in manufacturing through such activities as internships, summer job placements, or cooperative work-study programs.

c. Demonstrating faculty and student engagement with industry that is directly related to, and supportive of, the education of students in manufacturing engineering.

d. Geographical diversity

N00014-18-S-F005

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=300040*

Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics
U.S. Department of Justice (DoJ)
Due Date: 3/12/2018

Notice seeking applications supporting innovative doctoral dissertation research in science, technology, engineering, or mathematics that is relevant to providing solutions to prevent and control crime, and ensure the fair and impartial administration of criminal justice in the United States. Universities must apply, not the doctoral candidate. **NIJ-2018-13638**

- **URL:** *https://nij.gov/funding/Documents/solicitations/NIJ-2018-13638.pdf*

Expeditions in Computing
National Science Foundation (NSF)
Due Date: Preliminary Proposal 4/25/2018; Full Proposals 1/16/2019 (Expeditions projects)

The far-reaching impact and rate of innovation in the computer and information science and engineering fields has been remarkable, generating economic prosperity and enhancing the quality of life for people throughout the world. The Directorate for Computer and Information Science and Engineering (CISE) has established the Expeditions in Computing (Expeditions) program to provide the CISE research and education community with the opportunity to pursue ambitious, fundamental research agendas that promise to define the future of computing and information. In planning Expeditions projects, investigators are encouraged to come together within or across departments or institutions to combine their creative talents in the identification of compelling, transformative research agendas that promise disruptive innovations in computer and information science and engineering for many years to come. Funded at levels up to $2,000,000 per year for five years, Expeditions projects represent some of the largest single investments currently made by the CISE directorate. Together with the Science and Technology Centers that CISE supports, Expeditions projects form the centerpiece of the directorate's center-scale award portfolio. With awards funded at levels

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11

that promote the formation of large research teams, CISE recognizes that concurrent research advances in multiple fields or sub-fields are often necessary to stimulate deep and enduring outcomes. The awards made in this program will complement research areas supported by other CISE programs, which target particular computer and information science and engineering fields. Additionally, CISE offers Innovation Transition (InTrans) awards for teams nearing the end of their Expeditions as well as Secure and Trustworthy Cyberspace (SaTC) and Cyber-Physical Systems (CPS) Frontier projects. The goal of InTrans is to continue the long-term vision and objectives of CISE's center-scale projects. Through In Trans awards, CISE will provide limited funds to match industry support. **NSF 18-528**

- **URL:** *https://www.nsf.gov/pubs/2018/nsf18528/nsf18528.htm*

NSF-CBMS Regional Research Conferences in the Mathematical Sciences
National Science Foundation (NSF)
Due Date: 4/27/2018

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. Each five-day conference features a distinguished lecturer who delivers ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. The lecturer subsequently prepares an expository monograph based upon these lectures, which is normally published as a part of a regional conference series. 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:** *https://www.nsf.gov/pubs/2013/nsf13550/nsf13550.htm*

HEALTH, LIFE & EARTH SCIENCES

ROSES 2017: In-Space Validation of Earth Science Technologies
National Aeronautics and Space Administration (NASA) -Science Mission Directorate (SMD)
Due Date: Notices of Intent 2/2/2018; Proposals 3/26/2018

The Earth Science Division (ESD) in NASA's Science Mission Directorate (SMD) supports research activities that address the Earth system to characterize its properties on a broad range of spatial and temporal scales, to understand the naturally occurring and human-induced processes that drive them, and to improve our capability for predicting its future evolution. The focus of the Earth Science Research Program is the use of space- based measurements to provide information not available by other means. Within ESD the Earth Science Technology Office (ESTO) manages the development of a range of advanced technologies to meet future Earth science measurements and operational requirements. ESTO technology investments attempt to address the full science measurement process: from instruments needed to make observations to data systems and information products and tools that make those observations useful. Current ESTO program lines generally advance technologies to TRL-6: system/subsystems prototype demonstration in the relevant environment (ground, airborne or space). **NNH17ZDA001N-INVEST**

- **URL:***https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={9ED1AE21-A886-658F-6415-8F3E3DB88B08}&path=open*

Patient Safety Learning Laboratories: Pursuing Safety in Diagnosis and Treatment at the Intersection of Design, Systems Engineering, and Health Services Research (R18)
U.S. Dept. of Health & Human Services (HHS) – Agency for Healthcare Research & Quality (AHRQ)
Due Date: Requested Letters of Intent 2/26/2018; Applications 3/26/2018

This R18 Request for Application (RFA) calls for the creation and utilization of Patient Safety Learning Laboratories. These learning laboratories are places and networks where transdisciplinary teams identify closely related threats to diagnostic or treatment efforts associated with a high burden of harm and cost. Following a systems engineering methodology, the learning laboratories stretch professional boundaries, envision innovative designs, and take advantage of brainstorming and rapid prototyping techniques that other leading industries employ. Promising prototypes undergo further develop-test-revise iterations, and subsequent integration as a working system. After further improvements are made to the integrated working system, its efficacy is evaluated in a realistic simulated or clinical setting. While applicants will select the area of diagnostic or treatment focus they consider of high significance, a flexible methodology -- problem analysis, design, development, implementation, and

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13

evaluation -- is required that parallels a systems engineering process to give an underlying structure to the work undertaken. In addition to longer-recognized patient safety issues, AHRQ also recognizes the importance of addressing harms caused by diagnostic failure. As a consequence, applications that address the diagnostic as well as the treatment sides of medicine are welcomed. **RFA-HS-18-001**

- **URL:** *https://grants.nih.gov/grants/guide/rfa-files/RFA-HS-18-001.html*

Interdisciplinary Research Leaders (IRL)
Robert Wood Johnson Foundation (RWJF)
Due Date: Applications 3/14/2018

This call for applications (CFA) seeks teams of researchers and community members who are committed to working together to produce community-relevant, action-oriented research to improve health and well-being. Funding to support the work of the team will go to one organization. This applicant organization will identify the team members on its application.
Program Goals: The broad goal of the Interdisciplinary Research Leaders program is to produce diverse interdisciplinary leaders who conduct and apply high-quality, community-engaged, action-oriented, equity-focused health research in order to drive improvements in the health of communities. Accordingly, the program will recruit and select applicant organizations represented by teams of three people ("IRL team"): two mid-career researchers and one community member to become IRL program fellows. IRL teams will join together as a diverse cohort of fellows that will participate in a three-year program. During this time, fellows will receive: leadership training; opportunities to learn and apply cutting-edge research methods; expert mentoring; networking opportunities; and both fellowship and research funds. With these experiences, IRL fellows will be better-equipped to effect change and become the next generation of leaders in population health and health equity research.

- **URL:** *https://www.rwjf.org/en/how-we-work/grants-explorer/funding-opportunities.html*

Environmental Education (EE) Grants
United States Environmental Protection Agency (EPA)
Due Date: 3/15/2018

Under the Environmental Education Grants Program, EPA seeks grant proposals from eligible applicants to support environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions to protect the environment. This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques.

- **URL:** *https://www.epa.gov/education/environmental-education-ee-grants*

NASA Education Fellowship Activity, 2018
National Aeronautics and Space Administration (NASA)
Due Date: 3/20/2018

NASA's Office of Education collaborates with NASA Headquarters, NASA Mission Directorates, NASA Centers and external STEM partners to implement STEM education. NASA Office of Education provides unique opportunities to learners, educators, and institutions by providing access to NASA's mission content, people, resources, and facilities. NASA Office of Education's investments include 1) Federal (financial) domestic assistance to the nation's colleges and universities (including minority-serving institutions and community colleges), museums, and other non-profits; and, 2) Intra- and Inter-Agency coordination. The NASA Fellowship Activity seeks to leverage NASA's unique mission activities to enhance and increase the capabilities, diversity, and size of the nation's next generation workforce needed to enable future NASA discoveries. This announcement requests research individually conceived proposals from interested applicants to support the Fellowships component of Education. **NNH18ZHA003N**

- The NASA Fellowship Activity provides financial support to graduate students pursuing a Master's or Doctoral degree in STEM while partaking in graduate unique research projects under the guidance of an institutional Principal Investigator in collaboration with NASA Technical Advisers.

The NRA builds in flexibility so that each funding source may have its unique expectations and selection requirements. This NRA demonstrates NASA's commitment to streamlining and consolidating activities. Funding will continue for established NASA Fellowships Activity until closeout, thereby fulfilling NASA responsibilities to NASA Fellows. However, this is contingent on available federal funding.

NOTE: *This NRA only covers new fellowship proposals/applications. Renewal applications are handled differently, based on the original agreement terms.

- **URL:** *https://nspires.nasaprs.com/external/solicitations/summary!init.do?solId={1CA633C8-7767-8658-6260-F318694A347B}&path=open*

Cancer Research Grants
Elsa U. Pardee Foundation
Due Date: 4/30/2018, 8/31/2018

The Elsa U. Pardee Foundation funds investigators proposing research directed toward identifying new treatments or cures for cancer. The foundation particularly encourages grant applications for a one-year period which will allow establishment of capabilities of new cancer researchers, or new cancer

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15

approaches by established cancer researchers. It is anticipated that this early stage funding by the foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified.

- **URL:** *http://www.pardeefoundation.org/grants.aspx*

Doris Bloch Research Award
Sigma Theta Tau International Honor Society of Nursing (STTI)
Due Date: 7/1/2018

The Sigma Theta Tau International/Doris Bloch Research Award encourages nurses to contribute to the advancement of nursing through research.

- **URL:** *http://www.nursingsociety.org/advance-elevate/research/research-grants/doris-bloch-research-award*

MULTIPLE DISCIPLINES

Cognitive Neuroscience (CogNeuro)
National Science Foundation (NSF)
Due Date: 2/12/2018, 8/13/2018

The National Science Foundation announces the area of Cognitive Neuroscience within the Division of Behavioral and Cognitive Sciences in the Directorate for Social, Behavioral, and Economic Sciences. Cognitive neuroscience is an interdisciplinary field of research dedicated to the understanding of the neural mechanisms underlying human cognition. As this field continues to grow, the National Science Foundation intends for cognitive neuroscience emphases to spur the development of highly novel theories, techniques and models directed toward enabling basic scientific understanding of a broad range of issues involving brain, cognition, and behavior. Research topics in Cognitive Neuroscience have included sensory processes (including olfaction, touch, multi-sensory integration), higher perceptual processes (for faces, music, rhythm etc.), higher cognitive functions (e.g., consciousness, decision-making, mathematics, mental imagery, navigation, reasoning), language (e.g., discourse, multi-lingualism, syntax), affect, attention, executive functions, learning, memory, motor control, prediction, sleep, social processes, timing, and uncertainty.

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16

The Cognitive Neuroscience program seeks highly innovative proposals aimed at advancing a rigorous understanding of human cognition, including how the human brain mediates action, affect, creativity, decision making, intentionality, perception, social processes, and thought. Topics may bear on core functions such as attention, emotion, empathy, executive processes, language, learning, memory, music, sensory processing, sleep, representation of self and other, reasoning and rhythm. Topics may also include how human cognition develops and changes in the brain across the lifespan. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity and human brain mapping. Such projects should include a plan for sharing new software and other technologies with the research community at large. Additionally, the program is interested in supporting projects addressing the growing amount of data collected across disparate lab environments, which may require new standardization, curation, and sharing solutions. Studies of disease states (e.g., Alzheimer's disease, Autism, brain damaged patients, Parkinson's disease and Schizophrenia) may be components of projects supported by this program. However, the emphasis in such projects must be to advance basic scientific understanding of healthy neural mechanisms, and not on disease etiology, diagnosis, or treatment. The program also intends to foster projects that integrate perspectives across disciplines, e.g., from the cognitive sciences, psychology, developmental sciences, biology, computer science, engineering, education, anthropology, physics, mathematics and statistics. For example, projects that involve collaborations among individuals with expertise in one of the cognitive sciences, neuroimaging, neural microcircuitry, and modeling complex systems are strongly encouraged. PD 15-1699

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5316*

Cyberinfrastructure for Sustained Scientific Innovation (CSSI) - Data and Software: Elements and Frameworks
National Science Foundation (NSF)
Due Date: 4/18/2018

The Cyberinfrastructure for Sustained Scientific Innovation (CSSI) umbrella program encompasses the long-running Data Infrastructure Building Blocks (DIBBs) and Software Infrastructure for Sustained Innovation (SI2) programs, as NSF seeks to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in data and software cyberinfrastructure.

The CSSI umbrella program anticipates four classes of awards:
- Elements (either Data Elements or Software Elements)
- Framework Implementations (either Data Frameworks or Software Frameworks)
- Planning Grants for Community Cyberinfrastructure (either Community Data Cyberinfrastructure Planning Grants or Community Software Cyberinfrastructure Planning Grants)

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17

- **Community Cyberinfrastructure Implementations (either Community Data Cyberinfrastructure Implementations or Community Software Cyberinfrastructure Implementations)**

This particular CSSI solicitation requests only Elements and Framework Implementations classes of awards. NSF anticipates future solicitations that address items 3 and 4 above, namely, Planning Grants for Community Cyberinfrastructure and Community Cyberinfrastructure Implementations. Prospective Principal Investigators (PIs) should be aware that this is a multi-directorate activity and that they are encouraged to submit proposals with broad, interdisciplinary interests. Further, not all divisions are participating at the same level and division-specific priorities differ. Thus, PIs interested in proposing to this solicitation are encouraged to refer to core program descriptions, Dear Colleague Letters, and recently posted descriptions on directorate and divisional home pages to gain insight as to the priorities for the relevant areas of science and engineering to which their proposal may be responsive. Finally, it is strongly recommended that prospective PIs contact program officer(s) from the list of Cognizant Program Officers in the division(s) that typically support the scientists and engineers who would make use of the proposed work, to gain insight into the priorities for the relevant areas of science and engineering to which their proposals should be responsive. **NSF 18-531**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505505*

SOCIAL & BEHAVIORAL SCIENCES

Cognitive Neuroscience (CogNeuro)
National Science Foundation (NSF)
Due Date: 2/12/2018, 8/13/2018

The National Science Foundation announces the area of Cognitive Neuroscience within the Division of Behavioral and Cognitive Sciences in the Directorate for Social, Behavioral, and Economic Sciences. Cognitive neuroscience is an interdisciplinary field of research dedicated to the understanding of the neural mechanisms underlying human cognition. As this field continues to grow, the National Science Foundation intends for cognitive neuroscience emphases to spur the development of highly novel theories, techniques and models directed toward enabling basic scientific understanding of a broad range of issues involving brain, cognition, and behavior. Research topics in Cognitive Neuroscience have

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18

included sensory processes (including olfaction, touch, multi-sensory integration), higher perceptual processes (for faces, music, rhythm etc.), higher cognitive functions (e.g., consciousness, decision-making, mathematics, mental imagery, navigation, reasoning), language (e.g., discourse, multi-lingualism, syntax), affect, attention, executive functions, learning, memory, motor control, prediction, sleep, social processes, timing, and uncertainty. The Cognitive Neuroscience program seeks highly innovative proposals aimed at advancing a rigorous understanding of human cognition, including how the human brain mediates action, affect, creativity, decision making, intentionality, perception, social processes, and thought. Topics may bear on core functions such as attention, emotion, empathy, executive processes, language, learning, memory, music, sensory processing, sleep, representation of self and other, reasoning and rhythm. Topics may also include how human cognition develops and changes in the brain across the lifespan. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity and human brain mapping. Such projects should include a plan for sharing new software and other technologies with the research community at large. Additionally, the program is interested in supporting projects addressing the growing amount of data collected across disparate lab environments, which may require new standardization, curation, and sharing solutions. Studies of disease states (e.g., Alzheimer's disease, Autism, brain damaged patients, Parkinson's disease and Schizophrenia) may be components of projects supported by this program. However, the emphasis in such projects must be to advance basic scientific understanding of healthy neural mechanisms, and not on disease etiology, diagnosis, or treatment. The program also intends to foster projects that integrate perspectives across disciplines, e.g., from the cognitive sciences, psychology, developmental sciences, biology, computer science, engineering, education, anthropology, physics, mathematics and statistics. For example, projects that involve collaborations among individuals with expertise in one of the cognitive sciences, neuroimaging, neural microcircuitry, and modeling complex systems are strongly encouraged. **PD 15-1699**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5316*

Signature Employment Grants
Kessler Foundation
Due Date: Concept Papers 2/18/2018; Full Proposals 7/15/2018

Signature Employment Grants are awarded nationally to fund new pilot initiatives, demonstration projects, or social ventures that lead to the generation of new ideas to solve the high unemployment and underemployment of individuals with disabilities. Preference is given for interventions that overcome specific employment barriers related to long-term dependence on public assistance or advance competitive employment in a cost-effective manner. Signature Grants are not intended to fund project expansions or bring proven projects to new communities, unless there is a significant scale, scope, or replicable component. Innovation lies at the core of all Signature Employment Grants. We

define innovation as a new idea or process that will improve systems to increase employment outcomes for people with disabilities. Innovation can often improve systems already in place. Innovation requires careful analysis of the needs of individuals served: identifying the idea, program, service, or workflow necessary to promote employment. It may require deliberate application of information, imagination, and initiation for generating new ideas that can serve as a catalyst for creating better solutions to obtain and maintain employment. These ideas may be original or may use existing solutions or technologies in a new way. We are looking for organizations that use bold ideas and innovation for pilots and new employment models with potential for adaptation by public and private institutions to change today's job market for Americans with disabilities. Collaborating, braiding or leveraging grant funding with other public and private monies, especially sources not typically funding disability, e.g., community or economic development funds, is encouraged. Organizations must be able to transform concepts or ideas into action, using new solutions for current problems, in the communities served. All funded projects will be data driven, evidenced based projects, with real-time feedback to refine systems and processes.

- **URL:** *http://kesslerfoundation.org/grantprograms/signatureemploymentgrants.php*

Research and Evaluation Initiative
United States Department of Justice (DOJ) - Office on Violence Against Women (OVW)
Due Date: 3/5/2018

OVW is interested in funding research and evaluation to generate knowledge in the six areas of study listed below. **OVW-2018-14240**

1. Victims' needs. How victimization and its aftermath affect people's lives, especially people who are marginalized (including but not limited to victims who are: people of color, immigrants, refugees, male, Deaf or hard of hearing, lesbian, gay, bisexual, or transgender (LGBT); people with disabilities; in later life; members of cultural, linguistic, and/or religious minority groups; incarcerated or formerly incarcerated; and/or living in poverty); and what they need to cope, heal, and achieve safety and justice
2. Cultures, disparities, and access. Ways that cultural differences and social inequalities matter in terms of where and to whom people go for help, and whether people are able to access justice and get services that are useful to them
3. Justice. Ways the justice system can effectively pursue and achieve justice in cases involving domestic/dating violence, sexual assault, and stalking; with justice broadly understood to include autonomy for victims, accountability for offenders, procedural fairness for all, and restorative justice
4. Impact. Short- and long-term impact of the justice system's response, victim services, and other VAWA-funded interventions on victim safety and offender accountability

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20

5. Indicators of success. What success looks like and how to measure it--for victims pursing safety and justice, for offenders being held accountable for their violence, and for people who work with victims and offenders

6. Reducing recidivism. How to prevent violence from recurring

- **URL:** *https://www.justice.gov/ovw/file/1025226/download*

NIJ FY18 Graduate Research Fellowship in Social and Behavioral Sciences
U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)
Due Date: 3/12/2018

The NIJ Graduate Research Fellowship (GRF) Program in Social and Behavioral Sciences is open to doctoral students in all social and behavioral science disciplines. This program provides awards to accredited academic institutions to support graduate research leading to doctoral degrees in areas that are relevant to ensuring public safety, preventing and controlling crime, and ensuring the effective administration of criminal justice in the United States. Of particular interest is research on issues deemed critical by the U.S. Department of Justice: violent crime reduction, enhancing investigations and prosecutions, protecting police officers and other public safety personnel, combating the opioid epidemic, victimization, and addressing illegal immigration. **NIJ-2018-13640**

- **URL:** *https://nij.gov/funding/Documents/solicitations/NIJ-2018-13640.pdf*

NIJ Graduate Research Fellowships in STEM
U.S. Department of Justice (DoJ) – National Institute of Justice (NIJ)
Due Date: 3/12/2018

The Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics (GRF-STEM) program provides awards to accredited academic institutions to support graduate research leading to doctoral degrees in topic areas that are relevant to preventing and controlling crime, and ensuring the fair and impartial administration of criminal justice in the United States. **NIJ-2018-13638**
Applicant academic institutions sponsoring doctoral students are eligible to apply only if:
1. The doctoral student's degree program is in a science, technology, engineering, or mathematics (STEM) discipline; and
2. The student's proposed dissertation research has demonstrable implications for addressing the challenges of preventing or controlling crime and/or the fair and impartial administration of criminal justice in the United States.

- **URL:** *https://www.nij.gov/funding/Documents/solicitations/NIJ-2018-13638.pdf*

Substance Abuse Programs
Hanley Family Foundation
Due Date: Pre-Proposals 3/31/2018

The Hanley Family Foundation was created in 1987 with a mission focused on chemical dependency. To that end, the foundation awards grants to organizations and programs that advance the prevention, diagnosis, and treatment of alcoholism, chemical dependency, and addictive behavior, including support for related research and education. The foundation accepts pre-proposals on an ongoing basis. Upon review, selected applicants will be invited to submit a full proposal. Grant amounts are determined on a project-by-project basis. To be eligible, applicants must be considered tax-exempt under Section 501(c)(3) of the Internal Revenue Code or qualify as a public charity as described in Section 509(a)(1), (2), or (3). Letters of Intent must be received no later than March 31, 2018. Upon review, selected applicants will be invited to submit a full application.

- **URL:** *http://www.hanleyfamilyfoundation.org/grantmaking-procedures/*

Faculty/Post-Doctoral Grant Program (Fahs-Beck Fellows)
New York Community Trust (NYCT) - Fahs-Beck Fund for Research and Experimentation
Due Date: 4/2/2018, 11/1/2018

Grants are available to help support the research of faculty members or post-doctoral researchers affiliated with non-profit human service organizations in the United States and Canada. Areas of interest to the Fund are: studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, or communities, or studies that have the potential for adding significantly to knowledge about such problems. The research for which funding is requested must focus on the United States or Canada or on a comparison between the United States or Canada and one or more other countries.

- **URL:** *http://www.fahsbeckfund.org/grant_programs.html*

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22

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)
National Science Foundation (NSF)
Due Date: Continuous - Proposals are accepted at any time.
Note: Investigators must contact the cognizant NSF Program Director before submitting an HRRBAA proposal. This will facilitate determining whether the proposed work is appropriate for HRRBAA support.

Anthropological research may be conducted under unusual circumstances, often in distant locations. As a result the ability to conduct potentially important research may hinge on factors that are impossible to assess from a distance and some projects with potentially great payoffs may face difficulties in securing funding. This program gives small awards that provide investigators with the opportunity to assess the feasibility of an anthropological research project. The information gathered may then be used as the basis for preparing a more fully developed research program. Projects which face severe time constraints because of transient phenomena or access to materials may also be considered. Investigators must contact the cognizant NSF Program Director before submitting an HRRBAA proposal. This will facilitate determining whether the proposed work is appropriate for HRRBAA support. **NSF 08-523**

- **URL:** *https://www.nsf.gov/pubs/2008/nsf08523/nsf08523.htm*

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23