

Funding Bulletin

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Funding Information

To receive funding information, please contact funding@wichita.edu.

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

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

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

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How to Apply

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

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

OFFICE OF RESEARCH WORKSHOPS

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

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

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Oct 9	10:00 – 11:30 a.m.	405 Jardine	The IRB Administrator will be holding Open Labs this fall for Faculty, Staff or Students who have questions about the new forms or about their study in general. <i>This is a come and go lab with no registration required.</i>
Research Compliance Open Lab	Oct 18	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. <i>This is a come and go lab with no registration required.</i>
Writing Proposals & Responding to an RFP	Oct 20	12:00 – 1:30 p.m.	405 Jardine	The Office of Research is here to assist you to improve your grant-writing skills. Come to this workshop for hands-on approaches to improving proposals and responses to Request for Proposals, for a variety of funders. <i>Registration is required.</i>
Pivot Open Lab	Oct 26	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. <i>This is a come and go lab with no registration required.</i>
NIH On-Demand Webinars – Meet the Experts	Nov 15	12:00 – 1:30 p.m.	405 Jardine	The National Institutes of Health (NIH)'s Center for Scientific Review provides helpful webinars on applying for NIH grant opportunities. Come and learn about NIH's grants review process, early career review program, and the R15 AREA (Academic Research Enhancement Awards) program, which provides funding for small-scale research projects for institutions that have not received major NIH support. The goals of the AREA program are to 1) support meritorious research, 2) expose students to research and 3) strengthen the research environment of the institution. <i>Presenter: n/a – NIH Webinars.</i> <i>Registration is required.</i>

NOTICES

NIH's Next Generation Researchers Policy Now Posted

Policy Supporting the Next Generation Researchers Initiative (NOT-OD-17-101)

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-101.html>

Funding Bulletin Survey – your feedback is appreciated!

The Office of Research has created a short survey to gauge 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/>

State of Kansas Request for Proposal Distribution List

The Office of Research is developing an email list of PI's interested in receiving notifications on upcoming State of Kansas Request for Proposal opportunities. These opportunities are often limited to 1 submission per institution, and have quick turn-around deadlines. If you are interested in being added to our notification list, please email proposals@wichita.edu and include your areas of interest.



INTERNAL OPPORTUNITIES

The next available internal opportunities are: 1) Multi-disciplinary Research Projects Award (MURPA) and 2) University Research/Creative Award (URCA) - Round 2. Both have October 6th, 2017 deadlines.

Multidisciplinary Research Project Awards (MURPA)

Wichita State University

Due Date: 10/6/2017

Applications for Multidisciplinary Research Project Awards (MURPA) are due to the Office of Research and Technology Transfer by Oct. 6 at 5:00 p.m. for grant period, choice of Jan 1 – June 15, 2017 OR May 1 – Aug 31, 2018. Multidisciplinary Research Projects are projects that involve two or more investigators from different disciplines that focus different perspectives and capabilities on complex problems that intersect established areas of study. They are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations or industries. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

University Research/Creative Projects (URCA) – Round Two

Wichita State University

Due Date: 10/6/2017

Applications for Round 2 of the University Research/Creative Projects (URCA) are due to the Office of Research and Technology Transfer by Oct. 6 at 5:00 p.m. for grant period Dec 1, 2017 – Dec 31, 2018. URCAs are to retool or reestablish productive research/creative projects agenda. In areas where external funding is available, the URCA may be used as seed money to develop pilot data. Areas where access to external sources is limited may receive special consideration. Grants may be for up to \$4,500 awarded in two separate competitions: New - tenure-eligible faculty in their first or second year of probation to initiate research/creative projects, and Established - tenured faculty or probationary faculty in their 3rd (or more) year of probation to retool or re-establish productive research/creative agenda. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

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

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 *thirteen* open limited submission competitions:**

(1) Faculty/Post-Doctoral Grant Program (Fahs-Beck Fellows)

New York Community Trust (NYCT) - Fahs-Beck Fund for Research and Experimentation

Due Date: Internal NOIs 10/6/2017; Applications 11/1/2017

The Fund awards these grants 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 and/or Canada or on a comparison between the United States and/or Canada and one or more other countries. ***Applicants may submit only one proposal per funding cycle.***

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

(2) Dialogues on the Experience of War

National Endowment for the Humanities (NEH)

Due Date: Internal NOIs 10/6/2017; Application 11/2/2017

The National Endowment for the Humanities offers the Dialogues on the Experience of War program as part of its current initiative, Standing Together: The Humanities and the Experience of War. The program supports the study and discussion of important humanities sources about war, in the belief that these sources can help U.S. military veterans and others think more deeply about the issues raised by war and military service. Although the program is primarily designed to reach military veterans, men

and women in active service, military families, and interested members of the public may also participate.

The program awards grants that will support:

- the convening of at least two discussion programs for no fewer than fifteen participants; and
- the creation of a preparatory program to recruit and train program discussion leaders (NEH Discussion Leaders).

Discussion programs may take place on college and university campuses, in veterans' centers, at public libraries and museums, and at other community venues. **20171102-AV** *An applicant institution may submit up to three proposals for funding.*

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

(3) NIH Science Education Partnership Award (SEPA) (R25)

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

Due Date: Internal NOI 10/13/2017; Letter of Intent 10/21/2017; Application 11/20/2017

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 complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To this end, this funding opportunity announcement (FOA) encourages the development of innovative educational activities for pre-kindergarten to grade 12 (P-12), pre-service and in-service teachers (Teachers) and students from underserved communities with a focus on Courses for Skills Development, Research Experiences, Mentoring Activities, Curriculum or Methods Development and Outreach. Applicants are strongly encouraged to consult with the SEPA Scientific/Research Contact to be advised on the appropriateness of the intended P-12 STEM or ISE project for SEPA program objectives and the priorities of the NIGMS. **PAR-17-339** *Only one application per institution is allowed.*

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-17-339.html>

(4) Greenwall Faculty Scholars Program in Bioethics

Greenwall Foundation

Due Date: Internal NOIs 10/13/2017; Letters of Intent 11/1/2017; Applications 1/15/2018

The Program is a career development award to enable junior faculty members to carry out innovative bioethics research. As well the program supports research that goes beyond current work in bioethics to help resolve pressing ethical issues in clinical care, biomedical research, and public policy. Scholars and Alumni/ae attend twice-yearly meetings, where they present their work in progress, receive feedback and mentoring from the Faculty Scholars Program Committee and other Scholars, and have the opportunity to develop collaborations with other researchers. The ongoing involvement of Alumni/ae with the Program provides them ongoing opportunities for professional development and feedback and engages them in mentoring of younger Scholars. The Greenwall Faculty Scholars Program creates a community that enhances future bioethics research by Scholars and Alumni/ae. The Faculty Scholars Program Committee provides oversight and direction for the program and is involved not only with selection of the Scholars but with mentoring and faculty development activities. ***Up to two applicants from a university will be considered in each application cycle. No more than one award per institution will be made in each Faculty Scholars grant cycle.***

- URL: <http://greenwall.org/how-to-apply.php>

(5) Nurse Faculty Loan Program (NFLP)

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

Due Date: Internal NOIs 10/20/2017; Application 11/28/2017

The Health Resources and Services Administration (HRSA), Bureau of Health Workforce (BHW), Division of Nursing and Public Health is accepting applications for the fiscal year (FY) 2018 Nurse Faculty Loan Program (NFLP). The purpose of this program is to increase the number of qualified nursing faculty by supporting schools of nursing to establish and operate a student loan fund in accordance with the terms outlined in the authorizing statute. Recipient institutions shall make loans to individuals consistent with that purpose, and an amount up to 85 percent of any such loan (plus interest thereon) shall be canceled by the school, according to the schedule prescribed in statute, upon completion of up to four years of full-time employment as a faculty member in an accredited school of nursing. The FY 2018 President's Budget does not request funding for this program. This notice is a contingency action taken to ensure that, should funds become available for this purpose, applications can be processed, and funds awarded in a timely manner. Applicants should note that this program may be cancelled prior to award recommendations. ***HRSA-18-010 One application per campus***

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=297699>

(6) Blavatnik Awards for Young Scientists: National Competition

New York Academy of Sciences

Due Date: Internal NOIs 10/13/2017; Nominations 11/15/2017 (Letters of support must be submitted by 11/29/2017)

The Blavatnik National Awards for Young Scientists recognize the country's most promising faculty-rank researchers in Life Sciences, Physical Sciences & Engineering, and Chemistry.

Life Sciences category includes:

- Biomedical Engineering & Biotechnology
- Clinical Medicine
- Computational Biology & Bioinformatics
- Developmental Biology
- Ecology
- Evolutionary Biology
- Genetics & Genomics
- Immunology & Microbiology
- Marine Biology
- Molecular & Cellular Biology
- Neuroscience
- Systems Biology

Physical Sciences & Engineering category includes:

- Applied Mathematics
- Atmospheric & Oceanic Sciences
- Astrophysics & Cosmology
- Atomic, Molecular & Optical Physics
- Civil Engineering
- Computer Science
- Condensed Matter Physics
- Geology & Geophysics
- Electrical Engineering
- Mechanical & Aeronautical Engineering
- Materials Science & Nanotechnology
- Nuclear & Particle Physics
- Plasma Physics
- Theoretical Physics

Chemistry category includes:

- Analytical Chemistry
- Biochemistry & Structural Biology
- Chemical Biology
- Chemical Engineering
- Environmental Chemistry & Biogeochemistry
- Green Chemistry
- Inorganic & Solid-State Chemistry
- Organic Chemistry
- Physical Chemistry
- Polymer Chemistry
- Synthetic Chemistry
- Theoretical Chemistry

Candidates for the 2018 Blavatnik National Awards must be nominated by their institutions. Each institution may submit up to three nominations, one in each disciplinary category of Life Sciences, Physical Sciences & Engineering, and Chemistry.

- **URL:** <http://blavatnikawards.org/awards/national-awards/nomination-guidelines/>

(7) Major Research Instrumentation Program (MRI): Instrument Acquisition or Development

National Science Foundation (NSF)

Due Date: Internal NOIs 11/10/2017; Full Proposals 1/10/2018

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations. The program provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other researchers regionally or nationally. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. Development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. The MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The program does not fund research projects or provide ongoing support for operating or maintaining facilities or centers. The instrument acquired or developed is expected to be operational for regular research use by the end of the award period. For the purposes of the MRI program, a proposal must be for either acquisition (Track 1) or development (Track 2) of a single, well-integrated instrument. The MRI program does not support the acquisition or development of a suite of instruments to outfit research laboratories or facilities, or that can be used to conduct independent research activities simultaneously. The participating NSF components are the Office of Integrative Activities (OIA); the Directorate for Biological Sciences (BIO); the Directorate for Computer and Information Science and Engineering (CISE); the Directorate for Education and Human Resources (EHR); the Directorate for Engineering (ENG); the Directorate for Geosciences (GEO); the Directorate for Mathematical and Physical Sciences (MPS); and the Directorate for Social, Behavioral, and Economic Sciences (SBE). **NSF 15-504 *The MRI program requires that an MRI-eligible organization may, as a performing organization, submit or be included as a significantly funded¹ subawardee in no more than three MRI proposals. To promote instrumentation development, the program requires that if an organization submits or is included as a significantly funded¹ subawardee in three MRI proposals, at least one of the three proposals must be for (Track 2) instrument development.***

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

(8) CISE Research Infrastructure (CRI)

National Science Foundation (NSF)

Due Date: Internal NOI 10/6/2017; Preliminary Proposals 11/2/2017; Full Proposals 1/11/2018

The CISE Research Infrastructure (CRI) program drives discovery and learning in the core CISE disciplines of the three participating CISE divisions by supporting the creation and enhancement of world-class research infrastructure that will support focused research agendas in computer and information science and engineering. This infrastructure will enable CISE researchers to advance the frontiers of CISE research. Further, through the CRI program CISE seeks to ensure that individuals from a diverse range of academic institutions, including minority-serving and predominantly undergraduate institutions, have access to such infrastructure.

The CRI program supports two classes of awards:

Institutional Infrastructure (II) awards support the creation of new (II-NEW) CISE research infrastructure or the enhancement (II-EN) of existing CISE research infrastructure to enable world-class CISE research opportunities at the awardee and collaborating institutions.

- Community Infrastructure (CI) awards support the planning (CI-P) for new CISE community research infrastructure, the creation of new (CI-NEW) CISE research infrastructure, the enhancement (CI-EN) of existing CISE infrastructure, or the sustainment (CI-SUSTAIN) of existing CISE community infrastructure to enable world-class CISE research opportunities for broad-based communities of CISE researchers that extend well beyond the awardee institutions. Each CI award may support the operation of such infrastructure, ensuring that the awardee institution(s) is (are) well positioned to provide a high quality of service to CISE community researchers expected to use the infrastructure to realize their research goals.

A university or organization may submit no more than three Institutional Infrastructure (II) proposals per competition. There is no limit on Community Infrastructure (CI) proposals per competition. NSF 17-581

- URL: <https://www.nsf.gov/pubs/2017/nsf17581/nsf17581.htm>

(9) Faculty Grants

Lemelson Foundation - VentureWell

Due Date: Internal NOIs 10/6/2017; Applications 11/8/2017

VentureWell awards grants for the purpose of strengthening existing curricular programs and/or building new programs in invention, innovation, and entrepreneurship. Through these grant funds, VentureWell supports creative pedagogical approaches that generate student teams (E-Teams) working on technology solutions to real-world problems. One goal is for the strongest teams applying

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to participate in VentureWell's E-Team Program. Proposals may include plans for creating or improving an individual course, course sequence, minor, major, certificate program, incubator, accelerator, and other co- and extra-curricular programs. Faculty grants support educational courses or programs at the intersection of invention, innovation, and entrepreneurship that lead to the creation and support of student teams. **Limit two proposals per institution. If more than two are received, only the two received earliest will be reviewed.**

Focus areas include, but are not limited to:

- General (technology-based) entrepreneurship
- New materials
- Clean tech/renewable energy innovation
- Technologies that address poverty alleviation and basic human needs (including, but not limited to water, sanitation, healthcare, energy, agriculture, shelter)
- Tech-based entrepreneurship led by women and other underrepresented populations
- Biomedical and healthcare innovation

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

(10) Louis Stokes Alliances for Minority Participation (LSAMP)

National Science Foundation (NSF)

Due Dates: *Bridges to the Doctorate (BD) Activity* Internal NOIs 10/6/2017; Full Proposal 11/3/2017

***Pre-Alliance Planning, Bridge to the Baccalaureate (B2B), STEM Pathways Implementation-Only Projects* Internal NOIs 10/13/2017; Full Proposal 11/17/2017**

The overall goal of the program is to assist universities and colleges in diversifying the nation's science, technology, engineering and mathematics (STEM) workforce by increasing the number of STEM baccalaureate and graduate degrees awarded to populations historically underrepresented in these disciplines: African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders. The LSAMP program takes a comprehensive approach to student development and retention. Particular emphasis is placed on transforming undergraduate STEM education through innovative, evidence-based recruitment and retention strategies, and relevant educational experiences in support of racial and ethnic groups historically underrepresented in STEM disciplines. The LSAMP program also supports knowledge generation, knowledge utilization, program impact and dissemination type activities. The program seeks new learning and immediate diffusion of scholarly research into the field. Under this program, funding for STEM educational and broadening participation research activities could include research to develop new models in STEM engagement, recruitment and retention practices for all critical pathways to STEM careers or research on interventions such as mentoring, successful learning practices and environments, STEM efficacy

studies, and technology use. Overall, the LSAMP program provides funding to alliances that implement comprehensive, evidence-based, innovative, and sustained strategies that ultimately result in the graduation of well-prepared, highly-qualified students from underrepresented minority groups who pursue graduate studies or careers in STEM.

Project types under this program include:

1. Alliances.

Alliances are consortia of multiple degree-granting institutions. Organizations from other sectors, including informal science organizations, may be participants. Projects focus on pre-college and undergraduate recruitment and retention activities. Types of LSAMP alliances are described as follows:

- a. STEM Pathways Implementation
- b. STEM Pathways and Research Alliance Projects
- c. Bridges to the Baccalaureate (B2B)

2. Bridges to the Doctorate (BD) Activity: BD projects are two-year projects eligible only to existing alliances funded 10 or more consecutive years. These projects are focused on providing post-baccalaureate fellowship support to a cohort of 12 LSAMP students for the first two years of their STEM graduate studies and providing the necessary academic and research skills that will enable them to successfully earn STEM doctoral degrees and transition into the STEM workforce.

3. Louis Stokes Regional Centers of Excellence in Broadening Participation (LSRCE). These centers can serve as regional outreach and knowledge-diffusion centers of excellence for alliance and non-alliance organizations. LSRCE's are projects that have wide latitude for design with a focus on technical assistance in the broadening participation arena, for example, and are focused on increasing the knowledge base on broadening participation topics through research, evaluation and synthesis activities. Centers do not provide direct degree production interventions or student support activities. The projects may be three or five years in duration depending on the scope of activities.

4. Pre-Alliance Planning proposals: The description for this project type is under "Other Types of Proposals or Projects" and provides additional guidance on baseline information required in the proposal.

5. Conferences and other supplemental funding opportunities are supported for existing LSAMP alliances or LSAMP institutions. Examples include the NSF-Department of Energy collaboration to provide cutting-edge research experiences to students and faculty participants. These opportunities also may be announced under Dear Colleague Letters. Conference proposals may be submitted under NSF's general proposal guidelines as unsolicited proposals.

Only one proposal may be submitted by an eligible (lead) institution. Alliances may hold only one active alliance award at a time. Institutions partnering in an alliance may not be a formal partner in more than one alliance at the same time. This eligibility applies to proposals for STEM Pathways Implementation-Only Alliances, Bridge to the Baccalaureate Alliances, and Louis Stokes STEM Pathways and Research Alliances. NSF 17-579

- URL: <https://www.nsf.gov/pubs/2017/nsf17579/nsf17579.htm>

(11) Collaborative Program Grant for Multidisciplinary Teams (RM1) (Clinical Trial Not Allowed)

National Institutes of Health (NIH)

Due Date: Internal NOIs 11/17/2017; Letters of Intent 12/26/2017; Application 1/25/2018

This FOA is designed to support highly integrated research teams of three to six PD/Pis to address ambitious and challenging research questions that are important for the mission of NIGMS and are beyond the scope of an individual or a few investigators. Collaborative program teams are expected to accomplish goals that require considerable synergy and managed team interactions. Project goals should not be achievable with a collection of individual efforts or projects. Teams are encouraged to consider far-reaching objectives that will produce major advances in their fields. Successful Collaborative Program Grant applications will bring together scientists to apply complementary approaches to work on an important and well-defined problem. Applications may address any area of science within the NIGMS mission, which is to support basic research that increases understanding of biological processes at a range of levels, from molecules and cells to tissues, whole organisms and populations. NIGMS also supports research in a limited number of clinical areas that affect multiple organ systems. Truly new interdisciplinary ideas for approaching significant biological problems are encouraged. Applications that bridge the research interests of more than one NIGMS division are also encouraged, but must remain within the scope of the NIGMS mission. Consultation with NIGMS staff prior to preparing an application is strongly encouraged. Applications that are mainly focused on the creation, expansion, and/or maintenance of community resources, creation of new technologies or infrastructure development are not appropriate for this FOA. Clinical trials are not allowed for this FOA. **PAR-17-340 Only one application per institution per review cycle is allowed.**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-17-340.html>

(12) Partnerships for Research and Education in Materials (PREM)

National Science Foundation (NSF)

Due Date: Internal NOIs 12/15/2017; Full Proposal 1/29/2018

The DMR Partnerships for Research and Education in Materials Research (PREM) program aims to enable, build, and grow partnerships between minority-serving institutions and DMR-supported centers and/or facilities to increase recruitment, retention and degree attainment (which defines the PREM pathway) by members of those groups most underrepresented in materials research, and at the same time support excellent research and education endeavors that strengthen such partnerships. **NSF 17-599 Limit one proposal per organization.**

- URL: <https://www.nsf.gov/pubs/2017/nsf17599/nsf17599.htm>

(13) Camille Dreyfus Teacher-Scholar Award

Camille and Henry Dreyfus Foundation, Inc.

Due Date: Internal NOIs 12/8/2017; Nomination 2/8/2018

The awards program supports the research and teaching careers of talented young faculty in the chemical sciences. The program provides discretionary funding to faculty at an early stage in their careers. Criteria for selection include an independent body of scholarship attained within the first five years of their appointment as independent researchers, and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching. ***Institutions may submit only one Dreyfus nomination annually.***

- URL: http://www.dreyfus.org/awards/camille_dreyfus_teacher_award.shtml

GENERAL

Jefferson Science Fellowship Program (U.S. Department of State)

National Academies of Sciences, Engineering, and Medicine

Due Date: 10/31/2017

The contribution of state-of-the-art science, technology, and engineering (STE) to the formulation and implementation of U.S. government policy, both domestic and foreign, has been recognized throughout the second half of the 20th-century as a critical element in reaching sound, comprehensive conclusions that reflect "good governance." Without an accurate, timely understanding of rapidly advancing STE issues, it is increasingly difficult to identify and establish sound governmental policy and international development strategies that effectively meet the needs of modern societies. The articulation of "accurate science for statecraft" to policy makers has become an essential element in establishing effective international relationships in the 21st century. Recognizing this need, on October 8, 2003, the Secretary of State announced the Jefferson Science Fellowship (JSF) program, establishing a new model for engaging the American academic science, technology, engineering, and medical communities in the formulation and implementation of U.S. foreign policy and international development programming. The JSF program is administered by the National Academies of Sciences,

Engineering, and Medicine and is supported through a partnership between the U.S. academic community, professional scientific societies, the U.S. Department of State and the U.S. Agency for International Development (USAID). The JSF is open to tenured, or similarly ranked, faculty from U.S. institutions of higher learning who are U.S. citizens. The application period opens in early August and closes at the end of October. Selected Jefferson Science Fellows spend one year on assignment at the U.S. Department of State or USAID as science advisors on foreign policy/international development issues. Assignments are tailored to the needs of the hosting office, while taking into account the Fellows' interests and areas of expertise. As part of their assignments, Fellows also have the opportunity to travel to U.S. embassies and missions overseas. Following the fellowship year, Fellows will return to their academic career but will remain available to the U.S. government as an experienced consultant for short-term projects.

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

Cyberlearning and Future Learning Technologies (Cyberlearning)

National Science Foundation (NSF)

Due Date: 1/8/2018

The purpose of the Cyberlearning for Work at the Human-Technology Frontier program is to fund exploratory and synergistic research in learning technologies to prepare learners to excel in work at the human-technology frontier. This program responds to the pressing societal need to educate and re-educate learners of all ages (students, teachers and workers) in science, technology, engineering, and mathematics (STEM) content areas to ultimately function in highly technological environments, including in collaboration with intelligent systems. Innovative technologies can reshape learning processes, which in turn can influence new technology design. Learning technology research in this program should be informed by the convergence of multiple disciplines: education and learning sciences, computer and information science and engineering, and cognitive, behavioral and social sciences. This program funds learning technology research in STEM and other foundational areas that enable STEM learning. **NSF 17-598**

- URL: <https://www.nsf.gov/pubs/2017/nsf17598/nsf17598.htm>

Community Action Grants (CAG)

American Association of University Women (AAUW)

Due Date: 1/15/2018

Community Action Grants provide funds to individuals, AAUW branches, and AAUW state organizations as well as local community-based nonprofit organizations for innovative programs or non-degree research projects that promote education and equality for women and girls. The proposed activity must have direct community or public impact, be nonpartisan, and take place within the United States or its territories. Special consideration is given to projects focused on K-12 and community college girls' and women's achievements in science, technology, engineering, or math. Community Action Grants are not available for the development of written work for academic credit or for research that will be used for a degree thesis or dissertation. One-year grants provide funding for community-based projects. Topic areas are unrestricted but should include a clearly defined activity that advances equity for women and girls. Two-year grants provide start-up funds for new projects that address the particular needs of the community and develop girls' sense of efficacy through leadership, advocacy, or training opportunities. Funds support planning activities, coalition building, implementation, and evaluation. The application is for one grant that covers a two-year period. AAUW expects that the project may evolve and change somewhat over the course of the grant period; however, second-year funding is contingent upon the successful completion of the first year of the grant. Two-year grants are not for existing projects.

- URL: <http://www.aauw.org/what-we-do/educational-funding-and-awards/community-action-grants/>

ARTS & HUMANITIES

Visiting Artists Program

Academy of Motion Picture Arts and Sciences

Due Date: Continuous (*Note: To be considered, a written proposal must be submitted no less than two (2) months prior to your event.*)

The program facilitates practical educational opportunities for learning institutions, festivals, conferences, and other film-related events. Students and faculty are provided direct contact with the Academy's working filmmakers, creating a meaningful connection between the worlds of academia and practice at the industry's highest levels.

- URL: <http://www.oscars.org/education-grants/visiting-artists>

EDUCATION

Frequently Asked Questions FAQs for (NSF 17-590) Improving Undergraduate STEM Education Program (IUSE)

National Science Foundation (NSF 17-142)

- URL: https://www.nsf.gov/pubs/2017/nsf17142/nsf17142.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click#q1

Dear Colleague Letter: Discovery Research PreK-12: Advancing STEM+Computing

National Science Foundation (NSF 17-149)

- URL: https://www.nsf.gov/pubs/2017/nsf17149/nsf17149.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Education Week Gregory M. Chronister Journalism Fellowship

Editorial Projects in Education

Due Date: 11/15/2017

The Education Week Gregory M. Chronister Journalism Fellowship each year supports a recipient who undertakes a significant enterprising or investigative journalism project that promises to inform and educate the field and the public about a timely and important issue for pre-K-12 education. The fellowship is intended to be completed while the recipient continues his or her regular employment. The fellow may examine an issue from a national (U.S.) perspective or from a local or state perspective, as long as the topic has broader implications for American education. Projects with an international focus are also eligible if they can point clearly to implications or lessons for the United States.

- URL: <https://chronisterfellowship.edweek.org/>

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

National Science Foundation (NSF)

Due Date: Full Proposal Deadline 12/12/2017 (*Development and Implementation Tier for Engaged Student Learning & Institution and Community Transformation*)

Submission Window Date(s) 10/1/2017 - 10/1/2018 (*Exploration and Implementation Tier for Engaged Student Learning & Institution and Community Transformation*)

The fields of science, technology, engineering, and mathematics (STEM) hold much promise as sectors of the economy where we can expect to see continuous vigorous growth in the coming decades. STEM job creation is expected to outpace non-STEM job creation significantly, according to the Commerce Department, reflecting the importance of STEM knowledge to the US economy. The National Science Foundation (NSF) plays a leadership role in development and implementation of efforts to enhance and improve STEM education in the United States. Through the NSF Improving Undergraduate STEM Education (IUSE) initiative, the agency continues to make a substantial commitment to the highest caliber undergraduate STEM education through a Foundation-wide framework of investments. The IUSE: EHR program is a core NSF undergraduate STEM education program that seeks to improve the effectiveness of undergraduate STEM education for both majors and non-majors. The program is open to application from all institutions of higher education and associated organizations. NSF places high value on educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically literate populace. In pursuit of this goal, IUSE: EHR supports projects that have the potential to improve student learning in STEM through development of new curricular materials and methods of instruction, and development of new assessment tools to measure student learning. In addition to innovative work at the frontier of STEM education, this program also encourages replications of research studies at different types of institutions and with different student

bodies to produce deeper knowledge about the effectiveness and transferability of findings. IUSE: EHR also seeks to support projects that have high potential for broader societal impacts, including improved diversity of students and instructors participating in STEM education, professional development for instructors to ensure adoption of new and effective pedagogical techniques that meet the changing needs of students, and projects that promote institutional partnerships for collaborative research and development. IUSE: EHR especially welcomes proposals that will pair well with the efforts of NSF INCLUDES (https://www.nsf.gov/news/special_reports/nsfincludes/index.jsp) to develop STEM talent from all sectors and groups in our society. Collaborations are encouraged between IUSE proposals and existing INCLUDES projects, provided the collaboration strengthens both projects. For all the above objectives, the National Science Foundation invests primarily in evidence-based and evidence-generating approaches to understand and improve STEM learning and learning environments, improve the diversity of STEM students and majors, and prepare STEM majors for the workforce. In addition to contributing to STEM education in the host institution(s), proposals should have the promise of adding more broadly to our understanding of effective teaching and learning practices. The IUSE: EHR program recognizes and respects the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into classroom practice and work with education research colleagues and social science scholars to advance our understanding of effective teaching and learning. **NSF 17-590**

Toward these ends the program features two tracks:

- (1) Engaged Student Learning and
- (2) Institutional and Community Transformation.

Two tiers of projects exist within each track:

- (i) Exploration and Design and
- (ii) Development and Implementation.

- URL: <https://www.nsf.gov/pubs/2017/nsf17590/nsf17590.htm>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Dear Colleague Letter: Announcing Creation of the Engineering Design and Systems Engineering (EDSE) Program which Merges and Replaces the Engineering and Systems Design (ESD), Systems Science (SYS), and Design of Engineering Materials Systems (DEMS) Programs
National Science Foundation (NSF 17-146)

- URL: https://www.nsf.gov/pubs/2017/nsf17146/nsf17146.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Dear Colleague Letter: Stimulating Research Related to the Science of Broadening Participation
National Science Foundation (NSF 17-143)

- URL: https://www.nsf.gov/pubs/2017/nsf17143/nsf17143.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Center of Excellence: Efficient and Robust Machine Learning (ERML)

U.S. Department of Defense (DoD) – Air Force Office of Scientific Research (AFOSR)

Due Date: White Papers 10/30/2017; Proposals 11/30/2017

Notice seeking proposals to establish the foundational principles of design, development, and employment as well as critical technologies to support machine learning (ML) methods and procedures. The Air Force's autonomy vision includes intelligent machines that utilize data, leverage learning techniques, and deliver content for a variety of operations. **FOA-AFRL-AFOSR-2017-0002**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=297697>

Physical Sciences Informatics System (PSI)

National Aeronautics and Space Administration (NASA)

Due Date: Notices of Intent 10/31/2017; Full Proposals 12/15/2017 (*Proposer's Conference via WebEx 10/17/2017*)

NASA has released the next appendix of the NASA Research Announcement (NRA) titled "Use of the NASA Physical Sciences Informatics System". The NRA solicits ground-based research proposals from established researchers and graduate students to generate new scientific insights by utilizing experimental data residing in NASA's Physical Sciences Informatics (**PSI**) system. PSI is an online database of completed physical science reduced-gravity flight experiments conducted on the International Space Station (ISS), Space Shuttle flights, and Free-flyers, or from related ground-based studies. The next call solicits proposals in five research areas: Combustion Science, Complex Fluids, Fluid Physics, Fundamental Physics and Materials Science. All eligible experimental data will be available in the PSI system. See Appendix D or the PSI website for the detailed list of investigations that are eligible for this NRA. The typical awards will be up to \$100,000 per year for up to two years. **NNH17ZTT001N-17PSI-D**

- URL: <https://psi.nasa.gov/>

2018 Cooperative Agreement Notice (CAN) Dual-Use Technology Development at Marshall Space Flight Center (MSFC)

National Aeronautics and Space Administration (NASA) - Marshall Space Flight Center (MSFC)

Due Date: White papers 11/1/2017

Notice seeking proposals for technology development partnerships with United States commercial businesses and/or colleges and universities with the goal of developing a technology to meet a specific NASA need at MSFC, as well as those of the partner. **80MSFC18N0001**

- URL: <https://www.fbo.gov/index?s=opportunity&mode=form&id=38d2526a50d1f678f2983cc0ccdf7040&tab=core&cvview=0>

Generation 3 Concentrating Solar Power Systems

U.S. Dept. of Energy (DOE) - Office of Energy Efficiency & Renewable Energy (EERE)

Due Date: Concept Papers 11/3/2017; Full Applications 1/19/2018

The U.S. Department of Energy's (DOE) Energy Efficiency and Renewable Energy (EERE) Solar Energy Technology Office (SETO) is seeking applications under this Funding Opportunity Announcement (FOA) to fund applied research and development to enable the reduction of the levelized cost of electricity (LCOE) generated by concentrating solar power (CSP) to 6 ¢/kWh(electric) or less, without subsidies.¹ This FOA intends to develop integrated thermal system solutions to overcome the temperature limitations of current CSP systems, while lowering capital costs by enabling the use of advanced turbines and achieving a higher overall system efficiency in converting solar thermal energy into electricity. This research and development (R&D) initiative does not seek innovations in solar collectors or power cycles; applications to this FOA are expected to advance individual high temperature components which have been developed at lab scale, and test them as an integrated system at a multi-MW thermal scale that can accept solar thermal energy and efficiently deliver it to a high temperature, high efficiency power cycle working fluid. **DE-FOA-0001697**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=297296>

SpaceTech-REDDI-201y Appendix F1(B): Tech Flights – NASA Flight Opportunities Now Open

National Aeronautics and Space Administration (NASA)

Due Date: Full Proposals 11/3/2017

The program strategically invests in the growth of the commercial spaceflight market while helping advance technologies that will enable future space missions for science and exploration. The program achieves these self-reinforcing objectives by selecting promising technologies from industry, academia, and government to test on commercial suborbital launch vehicles, reduced gravity aircraft and high-altitude balloon flights. Investment in tests that take technologies from the laboratory to a relevant flight environment facilitates technology maturation, validates feasibility and reduces technical risks. These investments enable infusion of key space technologies into multiple future space missions. The purpose of this Appendix is to provide funding for the testing or demonstration of crosscutting space technologies in relevant environments through flights on reusable suborbital launch vehicles, reduced gravity aircraft, and high-altitude balloons. These flight tests should fit into an overall technology maturation plan as a bridge between laboratory testing and demonstration in Earth orbit or beyond. The proposer's organization will directly purchase the proposed flight(s) on currently available U.S. commercial platforms of their choice. **NNH17ZOA001N-17FO-F1(B)**

- URL: <https://nspires.nasaprs.com/external/solicitations/summary/init.do?solId={6F46BA07-884E-59F9-9E8A-BAE0B5B4B616}>

Science and Technology for Autonomous Teammates (STAT)

U.S. Dept. of Defense (DOD) - Dept. of the Air Force (USAF) Air Force Materiel Command - Air Force Research Laboratory (AFRL)

Due Date: 11/13/2017

Notice seeking applications supporting a series of flight tests to demonstrate the maturity and potential benefits of manned-unmanned teaming. Funds support efforts to develop, demonstrate and assess: hand-offs to and from the unmanned surrogate pilot to the manned Flight Lead; pilot-directed maneuvers and formations; cooperative control task allocation and path planning for the flight; and the Lead pilot's performance, situation awareness and workload associated with managing the manned-unmanned flight. **FA8650-17-S-6001**

- **URL:** <https://www.fbo.gov/?s=opportunity&mode=form&tab=core&id=60d9c2886e734a95f8c8cd3296ac2476&cvview=0>

Leading Engineering for America's Prosperity, Health, and Infrastructure (LEAP HI)

National Science Foundation (NSF)

Due Date: Letters of Intent 12/15/2017; Full Proposals 2/20/2018

The LEAP HI program challenges the engineering research community to take a leadership role in addressing demanding, urgent, and consequential challenges for advancing America's prosperity, health and infrastructure. LEAP HI proposals confront engineering problems that are too complex to yield to the efforts of a single investigator --- problems that require sustained and coordinated effort from interdisciplinary research teams, with goals that are not achievable through a series of smaller, short-term projects. LEAP HI projects perform fundamental research that may lead to disruptive technologies and methods, lay the foundation for new and strengthened industries, enable notable improvements in quality of life, or reimagine and revitalize the built environment. **NSF 17-602**

- LEAP HI proposals must articulate a fundamental research problem with compelling intellectual challenge and significant societal impact, particularly on economic competitiveness, quality of life, public health, or essential infrastructure. One or more CMMI core topics must lie at the heart of the proposal, and integration of disciplinary expertise not typically engaged in CMMI-funded projects is encouraged.
- LEAP HI proposals must highlight engineering research in a leadership role.
- LEAP HI proposals must demonstrate the need for a sustained research effort by an integrated, interdisciplinary team, and should include a research integration plan and timeline for research activities, with convincing mechanisms for frequent and effective communication.

- **URL:** <https://www.nsf.gov/pubs/2017/nsf17602/nsf17602.htm>

Scalable Parallelism in the Extreme

National Science Foundation (NSF)

Due Date: 1/9/2018

Computing systems have undergone a fundamental transformation from the single-core processor-devices of the turn of the century to today's ubiquitous and networked devices with multicore/many-core processors along with warehouse-scale computing via the cloud. At the same time, semiconductor technology is facing fundamental physical limits and single-processor performance has plateaued. This means that the ability to achieve performance improvements through improved processor technologies alone has ended. In recognition of this obstacle, the recent National Strategic Computing Initiative (NSCI) encourages collaborative efforts to develop, "over the next 15 years, a viable path forward for future high-performance computing (HPC) systems even after the limits of current semiconductor technology are reached (the 'post-Moore's Law era')." Exploiting parallelism is one of the most promising directions to meet these performance demands. While parallelism has already been studied extensively and is a reality in today's computing technology, the expected scale of future systems is unprecedented. At extreme scales, factors that have small impacts today can become highly significant. For example, even short serial program sections can prove destructive to performance. Heterogeneity of processing elements [Central Processing Units (CPUs), Graphics-Processing Units (GPUs), and accelerators] and their memory hierarchies pose significant management challenges. High system complexity may lead to unacceptable latencies and mean time between failures, even if built with highly reliable components. Furthermore, the interconnectedness of large-scale distributed architectures poses an enormous challenge of understanding and providing guarantees on performance behavior. These are just four of many issues arising in the new era of parallel computing that is upon us. The Scalable Parallelism in the Extreme (SPX) program aims to support research addressing the challenges of increasing performance in this modern era of parallel computing. This will require a collaborative effort among researchers in multiple areas, from services and applications down to micro-architecture. SPX encompasses all five NSCI Strategic Objectives, including supporting foundational research toward architecture and software approaches that drive performance improvements in the post-Moore's Law era; development and deployment of programmable, scalable, and reusable platforms in the national HPC and scientific cyberinfrastructure ecosystem; increased coherence of data analytic computing and modeling and simulation; and capable extreme-scale computing. Coordination with industrial efforts that pursue related goals are encouraged. **NSF 17-600**

- URL: <https://www.nsf.gov/pubs/2017/nsf17600/nsf17600.htm>

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

National Science Foundation (NSF)

Due Date: 1/18/2018

The National Science Foundation's Directorates for Engineering (ENG) and Computer and Information Science and Engineering (CISE) are coordinating efforts to identify bold new concepts to significantly improve the efficiency of radio spectrum utilization while addressing new challenges in energy efficiency and security, thus enabling spectrum access for all users and devices, and allowing traditionally underserved Americans to benefit from wireless-enabled goods and services. The SpecEES program solicitation (pronounced "SpecEase") seeks to fund innovative collaborative research that transcends the traditional boundaries of existing programs. **NSF 17-601**

- URL: <https://www.nsf.gov/pubs/2017/nsf17601/nsf17601.htm>

Engineering for Civil Infrastructure (ECI)

National Science Foundation (NSF)

Due Date: 1/24/2018, 9/17/2018

The Engineering for Civil Infrastructure (ECI) program supports fundamental research that will shape the future of our nation's constructed civil infrastructure, subjected to and interacting with the natural environment, to meet the needs of humans. In this context, research driven by radical rethinking of traditional civil infrastructure in response to emerging technological innovations, changing population demographics, and evolving societal needs is encouraged. The ECI program focuses on the physical infrastructure, such as the soil-foundation-structure-envelope-nonstructural building system; geotechnical; and underground facilities. It seeks proposals that advance knowledge and methodologies within geotechnical, structural, architectural, materials, coastal, and construction engineering, especially that include collaboration with researchers from other fields, including, for example, biomimetics, bioinspired design, advanced computation, data science, materials science, additive manufacturing, robotics, and control theory. Research may explore holistic building systems that view construction, geotechnical, structural, and architectural design as an integrated system; adaptive building envelope systems; nonconventional building materials; breakthroughs in remediated geological materials; and transformational construction processes. Principal investigators are encouraged to consider civil infrastructure subjected to and interacting with the natural environment under "normal" operating conditions; intermediate stress conditions (such as deterioration, and severe locational and climate conditions); and extreme single or multi natural hazard events (including earthquakes, windstorms, tsunamis, storm surges, sinkholes, subsidence, and landslides). Principal investigators are expected to bear in mind broader impacts associated with, for example, economic, environmental, habitant comfort, and societal benefits, which may include implications for resource

and energy efficiency, life cycle, adaptability and resilience, and reduced dependence on municipal services and utilities. The ECI Program does not support research on mission agency responsibilities, such as nuclear power plants and energy-related infrastructure, transportation infrastructure (e.g., bridges and pavements), and natural resource exploration or recovery. The ECI Program also does not support research on: hazard characterization for and hazard mitigation of the impact of explosions, fire, blast loading, flooding, and solar wind and storms on civil infrastructure; sensor and measurement technologies; field instrumentation and monitoring; induced seismicity; and construction safety. Research on natural hazard characterization is supported through programs in the NSF Directorate for Geosciences. See the Dear Colleague letter (NSD 17-147) at <https://www.nsf.gov/pubs/2017/nsf17147/nsf17147.jsp> for more information on the programs merged to form ECI. **PD 17-073Y**

- **URL:**https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505488&WT.mc_id=USNSF_25&WT.mc_ev=click

Engineering Design and System Engineering (EDSE)

National Science Foundation (NSF)

Due Date: 1/24/2018, 9/15/2018

The Engineering Design and Systems Engineering (EDSE) program supports fundamental research into the basic processes and phenomena of engineering design and systems engineering. The program seeks proposals leading to improved understanding about how processes, organizational structure, social interactions, strategic decision making, and other factors impact success in the planning and execution of engineering design and systems engineering projects. It also supports advances pertaining to engineering design and systems engineering in areas that include, but are not limited to, decision making under uncertainty, including preference and demand modeling; problem decomposition and decision delegation; applications of reverse game theory (mechanism design); computer-aided design; design representation; system performance modeling and prediction; design optimization; uncertainty quantification; domain- or concern-specific design methods; and advanced computational techniques for supporting effective human cognition, decision making, and collaboration. Competitive proposals for novel methods will include a plan to evaluate rigorously the effectiveness and performance of the proposed approach. The EDSE program encourages multidisciplinary collaborations of experts in design and systems engineering with experts in other domains. Of particular interest is research on the design of engineering material systems that leverages the unique aspects of a particular material system to realize advanced design methods that are driven by performance metrics and incorporate processing/manufacturing considerations. The EDSE program does not support the development of ad-hoc approaches that lack grounding in theory, nor does it support design activities that do not advance scientific knowledge about engineering design or systems engineering. Prospective investigators are encouraged to discuss research ideas and project scope with the Program Director in advance of

proposal preparation and submission. See the Dear Colleague letter (NSD 17-146) at <https://www.nsf.gov/pubs/2017/nsf17146/nsf17146.jsp> for more information on the programs merged to form EDSE. **PD 17-072Y**

- **URL:** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505478&WT.mc_id=USNSF_25&WT.mc_ev=click

Simons Collaboration Grants for Mathematicians

Simons Foundation

Due Date: 1/31/2018

The Foundation's Division for Mathematics and the Physical Sciences invites applications for grants to mathematicians to stimulate collaboration in the field primarily through the funding of travel and related expenditures. The goal of the program is to support the 'mathematical marketplace' by substantially increasing collaborative contacts between mathematicians.

- **URL:** https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/collaboration-grants-for-mathematicians/?utm_source=MPS+Funding+Announcements+List&utm_campaign=e779e9acfd

HEALTH, LIFE & EARTH SCIENCES

Request for Proposals FY2019

Kansas Soybean Commission

Due Date: 10/16/2017

The Kansas Soybean Commission (KSC) funds research projects designed to solve production problems and improve the efficiency of Kansas soybean farmers. Proposals for projects that serve to inform and educate customers, explore new uses, or expand market opportunities also are considered. All proposals must demonstrate benefits for soybean farmers. KSC encourages the broadest possible participation in checkoff-funded projects and welcomes new and challenging ideas for growing, using or marketing soybeans. Project-funding proposals for 2018–2019 are due Oct. 16, 2017.

- **URL:** <http://kansassoybeans.org/forms/>

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

Science of Behavior Change: Revision Applications for Use-inspired Research to Optimize Adherence, Behavior Change Interventions, and Outcomes (R34, R01, U01)

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

Due Date: Letters of Intent 11/5/2017; Applications 12/5/2017

Supported by the NIH Common Fund (Common Fund) Science of Behavior Change (SOBC) Program, this Funding Opportunity Announcement (FOA) solicits competitive revision applications to NIH-supported clinical trials awarded as research project R34 grants. The goal of the SOBC Program is to advance a mechanisms-focused, experimental medicine approach to behavior change research. Funded projects in the SOBC Research Network have developed experimental manipulations, assays, and/or measures (hereafter referred to as assays for brevity) to support an experimental medicine approach to behavior change research. The goal of this FOA is to accelerate the adaptation, validation, and translation of SOBC Research Network assays for use in ongoing clinical trials. This FOA calls for the integration of SOBC Research Network assays into active NIH-supported clinical trials of drugs, devices, procedures, or behavior modifications. As such, the active NIH-supported clinical trial used to respond to this FOA does not have to be a behavior change trial or identify behavior change as a primary outcome. The integration of SOBC Research Network assays into ongoing clinical trials will accelerate the development of interventions and experimental manipulations that have been shown to engage specific mechanisms of behavior change and the development of assays that verify engagement of those behavior change targets.

R34 (RFA-RM-17-024)

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-024.html>

R01 (RFA-RM-17-022)

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-022.html>

U01 (RFA-RM-17-023)

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-023.html>

Health Policy Fellows

Robert Wood Johnson Foundation (RWJF)

Due Date: 11/15/2017

The program provides a comprehensive learning experience at the nexus of health science, policy and politics in Washington, D.C. It is an opportunity for individuals with an interest in health and health care policy promoting the health of the nation. Fellows participate in the policy process at the federal level and use that leadership experience to improve health, health care and health policy.

- URL: <http://www.healthpolicyfellows.org/apply/overview/>

DELTA (Domestic Violence Prevention Enhancement and Leadership Through Alliances)

Impact

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

Due Date: 1/15/2018

The DELTA program funds State Domestic Violence Coalitions (SDVCs) to implement statewide intimate partner violence (IPV) prevention efforts, while also providing assistance and funding for local communities to implement IPV prevention activities. Different iterations of DELTA have focused funding on increasing organizational capacity, implementation and evaluation of IPV primary prevention activities. The purpose of this NOFO is to bring about decreases in IPV risk factors and increases in IPV protective factors by increasing strategic data-driven planning and sustainable use of community and societal level primary prevention activities that address the social determinants of health (SDOH) and are based on the best available evidence. In addition, the NOFO will help to further develop the evidence-base for community and societal-level programs and policy efforts to prevent IPV by increasing the use of evaluation and existing surveillance data at the state and local level. Another goal of the NOFO is for SDVCs to support the integration of primary prevention goals and action steps throughout the state and local level IPV planning and capacity building activities. The aim of integrating primary prevention into state planning is to help states leverage diverse funding and partnerships to increase the implementation of primary prevention above and beyond DELTA funding. DELTA Impact requires SDVCs to focus on the implementation of 3 to 4 evidence-informed programs and policy efforts within three specific focus areas. **CDC-RFA-CE18-1801**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?opptId=297628>

NEW FACULTY / INVESTIGATOR

Andrew W. Mellon Post-Doctoral Curatorial Fellowship

American Philosophical Society (APS)

Due Date: 11/27/2017

The (APS), the nation's first learned society, invites applications for its two-year Andrew W. Mellon Post-Doctoral Curatorial Fellowship. The APS seeks applications from recent PhDs in the fields of history of science, 18th- or 19th-century American history, art history, museology, or any other related humanities disciplines. The fellowship, based in the APS Museum, will provide hands-on experience in curatorial work and the opportunity to pursue an independent research project, preferably one related to the collections or programs of the Society's library and museum. The Mellon Fellow will conduct research in the APS collections in preparation for the APS Museum's exhibitions exploring the intersections of history, art, and science. The exhibitions take place in Philosophical Hall, located within Independence National Historical Park. As the public face of the APS, the museum researches and interprets the APS's extensive collections for the regional, national, and international visitors who converge on Philadelphia's historic district. The Fellow's primary responsibility will be to conduct scholarly research for exhibitions, programs, and other related activities. He or she will be fully integrated into the APS Museum staff, working closely with others on the curatorial team. The Fellow will gain extensive experience in planning and implementing exhibitions as well as researching and writing interpretive materials for non-scholarly audiences (exhibition texts, publications, etc.). Depending on the Fellow's interests and the Museum's needs, he or she may also participate in public programming, museum education, collections management, and/or grant-writing. Twenty percent of the Fellow's time will be reserved for his or her own independent research, ideally using resources at the APS or kindred regional institutions. The Fellow will also have the opportunity to network with APS Library staff and other post-doctoral fellows in the region's cultural institutions.

- URL: <https://amphilsoc.org/grants/curatorialfellowship>

J. Franklin Jameson Fellowship in American History

American Historical Association (AHA)

Due Date: 4/1/2018

The Fellowship is offered annually to support significant scholarly research in the collections of the Library of Congress by scholars at an early stage in their careers in history.

- URL: <https://www.historians.org/awards-and-grants/grants-and-fellowships/j-franklin-jameson-fellowship>

SOCIAL & BEHAVIORAL SCIENCES

Scholarship of Teaching and Learning (SoTL) Research Grant

American Psychological Association (APA) - Society for the Teaching of Psychology (STP)

Due Date: 10/30/2017

Research projects in any phase of development are eligible for funding (e.g., materials design, data collection, manuscript writing). However, the proposed project must have a high probability of producing a product that will be presented and/or published in a peer-reviewed outlet in a timely manner. Proposals that align with the 2018 Executive Committee's preferred theme: (1) Scientific Literacy, (2) Psychology & Liberal Arts: Maintaining the integrity of liberal education in a rapidly changing world, and (3) Culture Across the Curriculum: How to teach a psychology of all people, will be given top priority. The research protocol must have IRB approval or be under review at time of application submission.

- URL: <http://teachpsych.org/page-1557800>

STUDENTS

AERA Minority Dissertation Fellowship in Education Research

American Educational Research Association (AERA)

Due Date: 11/1/2017

The Council of the AERA established the fellowship program to provide support for doctoral dissertation research, to advance education research by outstanding minority graduate students, and to improve the quality and diversity of university faculties. This fellowship is targeted for members of racial and ethnic groups historically underrepresented in higher education (e.g., African Americans, Alaskan Natives, American Indians, Asian Americans, Hispanics or Latinos, and Native Hawaiian or Pacific Islanders). This program offers doctoral fellowships to enhance the competitiveness of outstanding minority scholars for academic appointments at major research universities. It supports fellows conducting education research and provides mentoring and guidance toward the completion of their doctoral studies. The dissertation study should focus on an education research topic such as high stakes testing; ethnic studies/curriculum; tracking; STEM development; measurement of achievement and opportunity gaps; English language learners; or bullying and restorative justice.

- URL: <http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Minority-Dissertation-Fellowship-Program>

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