Funding Bulletin
September 8th, 2017 (Vol. 4, No. 23)

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

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	Sep 18	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. ***This is a come and go lab with no registration required.***
Research Compliance Open Lab	Sep 20	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub	The Research Compliance Office will hold an open lab for questions regarding hiring foreign nationals; shipping or receiving items from outside the US; international travel; review of Research projects for export compliance; conflicts of interest & management plans. ***This is a come and go lab with no registration required.***
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. ***Registration is required.***
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. *Presenter: n/a – NIH Webinars.* ***Registration is required.***

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 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/

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.

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3

INTERNAL OPPORTUNTIES

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=/ORAInternalGrants/ORAInternalGrants/

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=/ORAInternalGrants/ORAInternalGrants/

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4

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 *eleven* open limited submission competitions:**

(1) Higher Education Grant Program
Procter & Gamble Company (P&G)
Due Date: Internal NOIs 9/8/2017; Applications 9/30/2017 (Cycle 1)
Internal NOIs 2/2/2018; Applications 2/28/2018 (Cycle 2)

The Procter & Gamble Fund Higher Education Grant Program has been established to provide support for efforts of regionally accredited U.S. colleges and universities that will better prepare students for success in business. Grants will be provided for specific projects or programs, not for operating support. Examples of eligible projects include, but are not limited to:
- Improving curriculum to be at the cutting edge in relevance and effectiveness;
- Fostering and enabling leadership opportunities and learning;
- Creating a learning environment that encourages and enhances innovation and creativity;
- Strengthening diversity in thought, participation and ongoing interaction.

 In fairness to all participating institutions, there is a limit of two applications per discipline (i.e., two applications from the School of Business, two applications from the School of Engineering, etc.).

- **URL:** *http://www.pg.com/en_US/sustainability/social_responsibility/grant_application.shtml*

(2) Research Experiences for Teachers (RET) in Engineering and Computer Science
National Science Foundation (NSF)
Due Date: Internal NOI 9/8/2017; Full Proposals 10/10/2017

The Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), have joined to support the Research Experiences for Teachers (RET) in Engineering and Computer Science program. This program supports active long-term collaborative partnerships

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5

between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) teachers and community college and university faculty and students to bring knowledge of engineering or computer and information science and engineering as well as technological innovation to pre-college/community college classrooms. The goal of these partnerships is to enable K-12 STEM teachers and community college faculty to translate their research experiences and new knowledge gained in university settings into their classroom activities. The university team will include faculty, graduate and undergraduate students as well as industrial advisors. Involvement of graduate students in support of academic-year classroom activities is particularly encouraged. Partnerships with inner city, rural or other high needs schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities. As part of the long-term partnership arrangements, university undergraduate/graduate students will partner with pre-college/community college faculty in their classrooms during the academic year to help teach engineering/computer science concepts. This announcement features two mechanisms for support of in-service and pre-service K-12 STEM teachers and community college faculty: (1) RET supplements to ongoing ENG and CISE awards and (2) new RET Site awards. RET supplements may be included outside this solicitation in proposals for new or renewed NSF Directorate for Engineering (ENG) and Directorate for Computer and Information Science and Engineering (CISE) grants or as supplements to ongoing NSF ENG and CISE funded projects. RET in Engineering and Computer Science Sites, through this solicitation, are based on independent proposals from engineering or computer and/or information science departments, schools or colleges to initiate and conduct research participation projects for K-12 STEM teachers and/or community college faculty. **NSF 17-575 *Three Site proposals may be submitted per competition by a U.S. academic institution, including a College/Department of Engineering, Engineering Technology, or Computer and/or Information Science as the lead institution. No more than two of the three proposals may have an engineering focus and only one of the three proposals may have a computer and/or information science focus.***

-   **URL:** *https://www.nsf.gov/pubs/2017/nsf17575/nsf17575.htm*

(3) Innovations in Graduate Education (IGE) Program
National Science Foundation (NSF)
Due Date: Internal NOIs 9/29/2017; Full Proposals 10/25/2017

The Innovations in Graduate Education (IGE) program is designed to encourage the development and implementation of bold, new, and potentially transformative approaches to STEM graduate education training. The program seeks proposals that explore ways for graduate students in research-based masters and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. IGE focuses on projects aimed at piloting, testing, and validating innovative and potentially transformative approaches to graduate education. IGE projects are intended to generate the knowledge required for their customization, implementation, and broader adoption.

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6

The program supports testing of novel models or activities with high potential to enrich and extend the knowledge base on effective graduate education approaches. The program addresses both workforce development, emphasizing broad participation, and institutional capacity building needs in graduate education. Strategic collaborations with the private sector, non-governmental organizations (NGOs), government agencies, national laboratories, field stations, teaching and learning centers, informal science centers, and academic partners are encouraged. **NSF 17-585**

An eligible organization may participate in two Innovations in Graduate Education proposals per competition. Participation includes serving as a lead organization on a non-collaborative proposal or as a lead organization, non-lead organization, or subawardee on a collaborative proposal.

- **URL:***https://www.nsf.gov/pubs/2017/nsf17585/nsf17585.htm?WT.mc_id=USNSF_25&WT.mc_ev=click*

(4) Population Dynamics Centers Research Infrastructure Program (P2C)
National Institutes of Health (NIH) - Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Due Date: Internal NOIs 9/29/2017; Letter of Intent 10/28/2017; Application 11/27/2017

The goal of this funding opportunity announcement (FOA) is to advance the field of population dynamics research by increasing research impact, innovation, and productivity; developing junior scientists; and maximizing the efficiency of research support. **RFA-HD-18-013** *Only one application per institution is allowed.*

- **URL:** *https://grants.nih.gov/grants/guide/rfa-files/RFA-HD-18-013.html*

(5) 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 Fun 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

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7

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*

(6) 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***

(7) Advancing Informal STEM Learning (AISL)
National Science Foundation (NSF)
Due Date: Internal NOIs 9/8/2017; Full Proposals 11/6/2017

The **Advancing Informal STEM Learning** (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in

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8

informal environments; and engage the public of all ages in learning STEM in informal environments. The AISL program supports six types of projects: (1) Pilots and Feasibility Studies, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, (5) Literature Reviews, Syntheses, or Meta-Analyses, and (6) Conferences. **NSF 17-573** *An institution or organization may serve as lead on no more than three (3) proposals submitted to the November deadline. However, an institution or organization may partner as a subaward on other proposals submitted.*

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17573/nsf17573.htm*

(8) 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 funded[1] 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*

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9

funded[1] 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*

(9) 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*

(10) 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 to participate in VentureWell's E-Team Program. Proposals may include plans for creating or improving an individual course, coursesequence, 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/*

(11) 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 Impelmentation-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

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11

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 - Only Alliance Projects are five-year implementation projects available to new alliances, reconstituted alliances and existing LSAMP alliances with less than 10 years of support for evidence-based interventions that contribute to increases in STEM baccalaureate-degree production to historically underrepresented minority students.

b. STEM Pathways and Research Alliance Projects are five-year implementation and research projects available to existing LSAMP alliances with 10 or more consecutive years of LSAMP funding support. These alliances are required to incorporate a research component fully dedicated to the production of scholarly research in broadening participation.

c. Bridges to the Baccalaureate (B2B) proposals must be submitted by institutions awarding Associate-level (AA) degrees only in a STEM or STEM-related field. Four-year baccalaureate institutions that also award STEM AA or AS degrees are ineligible to serve as lead institutions for B2B proposals.

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*

GENERAL

Dear Colleague Letter: NSF Accepting Proposals Related to Hurricane Harvey (NSF 17-128)

- **URL:***https://www.nsf.gov/pubs/2017/nsf17128/nsf17128.jsp?WT.mc_id=USNSF_30&WT.mc_ev =click*

Research Coordination Networks (RCN)
National Science Foundation (NSF)
Due Date: Proposals Accepted Anytime

The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. The RCN program provides opportunities to foster new collaborations, including international partnerships, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, training, broadening participation, and development of community

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13

standards for data and meta-data are especially encouraged. RCN awards are not meant to support existing networks; nor are they meant to support the activities of established collaborations. RCN awards also do not support primary research. Rather, the RCN program supports the means by which investigators can share information and ideas, coordinate ongoing or planned research activities, foster synthesis and new collaborations, develop community standards, and in other ways advance science and education through communication and sharing of ideas. Additional information about the RCN program and its impacts may be found in Porter et al. 2012 Research Coordination Networks: Evidence of the relationship between funded interdisciplinary networking and scholarly impact. BioScience, 62: 282-288 Proposed networking activities directed to the RCN program should focus on a theme to give coherence to the collaboration, such as a broad research question or particular technologies or approaches. Participating programs in the Directorates for Biological Sciences (BIO), Computer and Information Science and Engineering (CISE), Geosciences (GEO), Education and Human Resources (EHR), Engineering (ENG) and Social, Behavioral and Economic Sciences (SBE) will accept RCN proposals. PIs are encouraged (for CISE required) to discuss suitability of an RCN topic with a program officer that manages the appropriate program. Several other NSF solicitations accept RCN proposals, or support research networking activities if appropriate to the solicitation. PIs are strongly advised to contact the appropriate Program Director before submitting an RCN proposal. **NSF 17-594**

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17594/nsf17594.htm*

ARTS & HUMANITIES

Fitch Mid-Career Fellowship (Fitch Mid-Career Grants)
James Marston Fitch Charitable Foundation
Due Date: 10/25/2017

The foundation will award research grants to individuals who have an academic background, professional experience and an established identity in one or more of the following fields: historic preservation, architecture, landscape architecture, urban design, environmental planning, architectural history and the decorative arts. The foundation will consider proposals for the research and/or the execution of the preservation-related projects in any of these fields.

- **URL:** *http://fitchfoundation.org/grants/fitch-kress/*

Neville-Pribram Mid-Career Educators Awards
Smithsonian Institution (SI) - Smithsonian Libraries
Due Date: 10/31/2017

These awards allow mid-career educators to be in residence and utilize the Smithsonian Libraries distinctive collections, focusing on science, history, culture and arts. The awards are open to middle & high school teachers, college teachers, and museum educators working on curriculum development or publications in print or electronic form. The awardee will have ample opportunity to explore, utilize, create, and share a project that contributes to continued learning and application of Native American knowledge in education. In addition to library resources, the awardee will have the opportunity to engage with staff, tribal visitors, and/or other researchers; attend Smithsonian or NMAI sponsored festivals, symposia, programs and events to enhance the resident experience.

- **URL:** *http://library.si.edu/travel-awards/neville-pribram-educators-awards*

Grants
The Kurt Weill Foundation for Music
Due Date: 11/1/2017, 6/1/2018

The Kurt Weill Foundation Grant Program awards financial support worldwide to not-for-profit organizations for performances of musical works by Kurt Weill and Marc Blitzstein, to individuals and not-for-profit organizations for scholarly research pertaining to Kurt Weill, Lotte Lenya, and Marc Blitzstein, and to not-for-profit organizations for relevant educational or scholarly initiatives.

Funding Categories:
- Professional Performance
- College/University Performance
- Media
- Scholarly Symposia/Conferences; Educational Outreach; Community Engagement
- Kurt Weill Mentors
- Kurt Weill Dissertation Fellowship
- Publication Assistance
- Research and Travel

- **URL:** *http://www.kwf.org/pages/grant-program.html*

EDUCATION

Learning and Leadership Grants
National Education Association (NEA) - NEA Foundation for the Improvement of Education (NFIE)
Due Date: 10/15/2017, 2/15/2018, 6/1/2018

Educators frequently need outside resources to engage in meaningful professional development due to limited district funding. Through our Learning & Leadership grants, the NEA Foundation supports the professional development of NEA members by providing grants to:
- Individuals to participate in high-quality professional development like summer institutes, conferences, seminars, travel abroad programs, or action research.
- Groups to fund collegial study, including study groups, action research, lesson plan development, or mentoring experiences for faculty or staff.

- **URL:** *https://www.neafoundation.org/for-educators/learning-and-leadership-grants/*

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

High-Energy-Density Laboratory Plasma Science
U.S. Department of Energy (DOE) - Office of Science (OS) - Office of Fusion Energy Sciences (FES)
Due Date: Letters of Intent 10/1/2017; Applications 11/15/2017

The Fusion Energy Sciences (FES) program of the Office of Science (SC) and the Defense Program (DP) of the National Nuclear Security Administration (NNSA), both of the U.S. Department of Energy (DOE), jointly announce their interests in receiving grant applications for new awards and grant renewals for research in the SC-NNSA Joint Program in High-Energy- Density (HED) laboratory plasmas. All individuals or groups planning to submit applications for new or renewal funding in Fiscal Year 2018 should submit in response to this Funding Opportunity Announcement (FOA). **DE-FOA-0001801**

The specific areas of interest are:
1. HED Hydrodynamics
2. Radiation-Dominated Dynamics and Material Properties

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16

3. Magnetized HED Plasma Physics
4. Nonlinear Optics of Plasmas and Laser-Plasma Interactions
5. Relativistic HED Plasmas and Intense Beam Physics
6. Warm Dense Matter
7. High-Z, Multiply Ionized HED Atomic Physics
8. Diagnostics for HED Laboratory Plasmas

- **URL:** *https://science.energy.gov/fes/funding-opportunities/*

Chemical Structure, Dynamics and Mechanisms (CSDM-A)
National Science Foundation (NSF)
Due Date: 10/2/2017

The CSDM Program supports research on the nature of molecular structure and its consequences for reactivity, intermolecular interactions, and dynamics. Chemical dynamics is defined to encompass reaction kinetics and mechanisms, intramolecular rearrangement or conformational changes, and changes induced via electromagnetic excitation. While the majority of projects supported by CSDM are experimental in nature, the Program is receptive to research focused on utilizing applied computational methods. However, the proposer should establish a high degree of relevance to the understanding of existing experimental data. The CSDM Program is concerned primarily with chemical phenomena in the gas and fluid phases, as well as chemical processes at gas-fluid, gas-solid, fluid-solid, and fluid-fluid interfaces. Proposals concerned with solid phase chemical processes are generally not supported by the Program. Proposals concerned with structure, dynamics or mechanisms as they pertain to catalytic processes should submit to the Chemical Catalysis Program (CHE/CAT). Proposals whose primary questions relate to phenomena arising from the properties of nanoscale materials or assemblies should be submitted to the Macromolecular, Supramolecular, and Nanochemistry Program (CHE/MSN). CSDM supports research projects that have strong implications for advancing the foundational physical models of chemical structure and dynamics. Projects focusing on device or process optimization are not supported by the Program. The CSDM Program is divided into two sub-programs, CSDM-A and CSDM-B. The two programs will inevitably overlap in some instances. At coarse resolution, they are separable in terms of (i) molecular complexity, (ii) time scale, (iii) strength of the interactions, and (iv) links to potential applications. CSDM-A - Research supported by this program generally seeks to develop and refine our quantitative understanding of molecular structure, reactivity and dynamics. The most successful proposals will be those which describe research that has the potential to change how we think about chemical structure and dynamics in general, as opposed to the behavior of a specific class of molecules or reactions. CSDM-A research often involves the development of experimental techniques that extend the limits of short time scales or spectral resolution. When the development of such capabilities is the primary focus (rather than the pursuit of specific new insights they may enable),

the work is probably better suited to the Chemical Measurement and Imaging program. Examples of topics recently funded in CSDM-A include femtosecond time-resolved studies of solvent effects on reaction dynamics, photoelectron spectroscopy of gas phase ions and clusters, nonlinear vibrational spectroscopy of liquid-liquid interfaces, diffraction/scanning probe studies of molecular adsorbates on metal surfaces, and the molecular modeling of clathrate hydrate growth. **PD 12-9101**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504796*

Analysis Program
National Science Foundation (NSF)
Due Date: 10/3/2017

The Analysis Program supports basic research in that area of mathematics whose roots can be traced to the calculus of Newton and Leibniz. Given its centuries-old ties to physics, analysis has influenced developments from Newton's mechanics to quantum mechanics and from Fourier's study of heat conduction to Maxwell's equations of electromagnetism to Witten's theory of supersymmetry. More generally, research supported by Analysis provides the theoretical underpinning for the majority of applications of the mathematical sciences to other scientific disciplines. Current areas of significant activity include: nonlinear partial differential equations; dynamical systems and ergodic theory; real, complex and harmonic analysis; operator theory and algebras of operators on Hilbert space; mathematical physics; and representation theory of Lie groups/algebras. Emerging areas include random matrix theory and its ties to classical analysis, number theory, quantum mechanics, and coding theory; and development of noncommutative geometry with its applications to modeling physical phenomena. It should be stressed, however, that the underlying role of the Analysis Program is to provide support for research in mathematics at the most fundamental level. Although this is often done with the expectation that the research will generate a payoff in applications at some point down the road, the principal mission of the Program is to tend and replenish an important reservoir of mathematical knowledge, maintaining it as a dependable resource to be drawn upon by engineers, life and physical scientists, and other mathematical scientists, as need arises. **PD 16-1281**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5434*

Combinatorics
National Science Foundation (NSF)
Due Date: 10/3/2017

This program supports research on discrete structures and includes algebraic, enumerative, existential, extremal, geometric, and probabilistic combinatorics, including graph theory. **PD 10-7970**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503570*

Finding Engineering-Linked Indicators (FELIX)
Intelligence Advanced Research Projects Activity (I-ARPA) – Director of National Intelligence (DNI)
Due Date: 10/16/2017

Notice seeking proposals to develop new experimental and computational tools to detect engineered biological systems. The development of new biotechnologies is enabling the ability to engineer a diversity of biological systems, with potential benefits ranging from new vaccines and therapeutics to novel materials and improved agriculture. **IARPA-BAA-17-07F**

- **URL:***https://www.fbo.gov/index?s=opportunity&mode=form&id=f85be371aaec291f6f62f597578c9e19&tab=core&_cview=1*

Simons Symposia
Simons Foundation
Due Date: 10/31/2017

The Mathematics and Physical Sciences division is currently soliciting proposals for its Simons Symposia series, which brings together mathematicians, theoretical physicists, and theoretical computer scientists to interact and collaborate in symposium series that focus on one topic or tightly connected group of topics.   Format of a Symposium Series: An individual symposium series consists of up to three weeklong meetings on one topic or a tightly connected group of topics every second year. A symposium series is initially approved for one year and renewed for up to two more if successful. If the first meeting in the series occurs in year N, then subsequent meetings would occur in years N+2 and N+4.   Each symposium in the series may have up to 23 participants, including its organizing committee (two to four leaders in a field). It will have a focused theme and a schedule leaving plenty of time for collaboration and open-ended discussion. In some areas, a tight focus on a new research development

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19

or a specific research problem would be appropriate; in others, a symposium might help set an agenda for the field. Please see previous Simons Symposia for reference. Participation in a symposium is by invitation only. The Simons Foundation will issue invitations upon the recommendation of the organizers. The foundation will also make travel arrangements for all symposium participants and will provide support at the conference site. All expenses, including travel, lodging, and meals, will be paid by the foundation.

- **URL:** *https://www.simonsfoundation.org/grant/simons-symposia-program/*

Peter Henrici Prize
Society for Industrial and Applied Mathematics (SIAM)
Due Date: Continuous

The Peter Henrici Prize is awarded jointly by Eidgenossische Technische Hochschule-Zurich (ETHZ) and the Society for Industrial and Applied Mathematics (SIAM). The prize is awarded for original contributions to applied analysis and numerical analysis or for exposition appropriate for applied mathematics and scientific computing. The award is intended to recognize broad and extended contributions to these subjects, more than a single outstanding work.

- **URL:** *http://www.siam.org/prizes/sponsored/henrici.php*

HEALTH, LIFE & EARTH SCIENCES

Secondary Analyses of Existing Alcohol Research Data
National Institutes of Health (NIH) - National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Due Date: Varies by mechanism (standard NIH due dates apply)

This Funding Opportunity Announcement (FOA) encourages the submission of investigator-initiated research grant applications to support the secondary analysis of existing data sets with the goal of enhancing our understanding of patterns of alcohol consumption, the epidemiology and etiology, including genetics, of alcohol-related problems. Research grants for the Secondary Analyses of Existing Alcohol Research Data are intended to provide support for studies that utilize currently available data

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20

sets to increase our understanding of the incidence, prevalence and etiology of alcohol related problems and disorders in the population, as well as the risk and protective factors associated with them. Research that employs analytic techniques which demonstrate or promote methodological advances in alcohol-related epidemiologic and Genetics/Genomics research is also of interest.

R01 (PA-17-467) – Due Dates: 10/5/2017, 2/5/2018, 6/5/2018

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PA-17-467.html*

R03 (PA-17-468) – Due Dates: 10/16/2017, 2/16/2017, 6/16/2018
- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PA-17-468.html*

Emerging Research Grants (ERG)
Hearing Health Foundation (HHF)
Due Date: Letters of Intent 10/27/2017; Applications 12/1/2017

Through the Emerging Research Grant (ERG) program, Hearing Health Foundation annually awards grants to up and coming scientists who research under-funded and under-researched hearing disorders, including tinnitus, hyperacusis, Central Auditory Processing Disorder, Ushers Syndrome and MéniÃ¨re's Disease, among others.

Under the governance of senior national researchers and physicians, ERG is an important vehicle tolaunch cutting edge research and the careers of tomorrow's innovators, with many funded researchers ultimately obtaining large dollar institutional or government grants after HHF funds them.

- **URL:** *https://hearinghealthfoundation.org/emerging-research-grants*

RWJF Culture of Health Prize
Robert Wood Johnson Foundation (RWJF)
Due Date: Phase 1 Applications 11/3/2017; Phase II Applications 1/20/2018

The Robert Wood Johnson Foundation (RWJF) Culture of Health Prize (the Prize) recognizes communities that have placed a priority on health and are creating powerful partnerships and deep commitments that will enable everyone, especially those facing the greatest barriers to good health, the opportunity to live well. A Culture of Health recognizes that health and well-being are greatly influenced by where we live, learn, work, and play; the safety of our surroundings; and the relationships we have in our families and communities. The Prize elevates the compelling stories of local leaders and

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21

community members who together are transforming neighborhoods, schools, businesses, and more-- so that better health flourishes everywhere.

- **URL:** *http://www.rwjf.org/en/library/funding-opportunities/2017/chr-prize6.html?rid=tXsn4CEMKdI9YGBjrDaF7RwqDAh_fzCN-zb894496hs&et_cid=964785*

U.S. Tobacco Control Policies to Reduce Health Disparities
National Institutes of Health (NIH) - National Cancer Institute (NCI)
Due Date: 10/11/2017; 6/13/2018 (Optional Letter of Intent due 30 days prior to application due date)

The purpose of this Funding Opportunity Announcement (FOA) is to support observational or intervention research focused on reducing health disparities in tobacco use in the United States. Specifically, this FOA is intended to stimulate scientific inquiry focused on innovative tobacco control policies including, but not limited to, those addressing health economics (e.g. tax and pricing policies, insurance coverage for tobacco dependence treatment). Applicants may propose projects in which the primary outcome of interest is on reducing tobacco use health disparities in vulnerable populations by utilizing tobacco prevention and control strategies. The long-term goal of this FOA is to reduce health disparities in health outcomes thereby reducing the excess disease burden of tobacco use within these groups. This FOA provides funding for up to 2-years for research planning, intervention delivery, dissemination and implementation. Applicants submitting proposals related to health economics are encouraged to consult NOT-OD-16-025 to ensure that proposals align with NIH mission priorities in health economics research.

R01 (PAR-17-217):
- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-217.html*

R21 (PAR-17-218):
- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-218.html*

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22

NIAID Research Education Program (R25)
National Institutes of Health (NIH) - National Institute of Allergy and Infectious Diseases (NIAID)
Due Date: Letters of Intent 11/6/2017; Applications 12/6/2017

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this National Institute of Allergy and infectious Diseases (NIAID) 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 in NIAID mission areas. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development, Research Experiences and Mentoring Activities related to NIAID's mission areas. **PAR-17-455**

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-455.html*

BAYADA Awards
Drexel University - College of Nursing and Health Professions
Due Date: 3/1/2018

This award recognizes health care providers who have made significant contributions to education or practice through the development or adoption of new technologies. The judges will consider the technology's innovativeness and its impact on health care education or direct patient care. The innovation must be new and be in use for six months or longer prior to submission of application. Applications must be submitted under one of the two categories listed below.

The categories for submission include:
- Patient Care: Improving efficiency of health care delivery, preventing/decreasing errors and improving outcomes; or
- Health Care Education (both didactic and clinical): Innovation in curricular delivery methods, improving student competency and learning outcomes.

- **URL:** *http://drexel.edu/cnhp/about/BAYADA/*

NEW FACULTY / INVESTIGATOR

Career Development Grants
American Association of University Women (AAUW)
Due Date: 12/15/2017

These grants provide assistance to women who, through additional higher education, technical training, or participation in professional development institutes, are making career changes, seeking to advance in current careers, or reentering the workforce. All courses of study must occur at a regionally accredited two- or four-year college or university in the United States or at a technical school that is fully licensed and/or accredited by the U.S. Department of Education. Distance or online learning programs will be funded only if they are conducted through an accredited institution appearing on the U.S. Department of Education's list of approved online/distance learning programs. Final decisions about what constitutes distance learning under these grants will be made by AAUW.

- **URL:** *http://www.aauw.org/what-we-do/educational-funding-and-awards/career-development-grants/cdg-application/*

SOCIAL & BEHAVIORAL SCIENCES

Behavioral Economics
Russell Sage Foundation (RSF)
Due Date: Letters of Inquiry 11/30/2017; Proposals 3/5/2018

The Russell Sage Foundation's program on Behavioral Economics supports innovative research that uses behavioral insights from psychology and other social sciences to examine and improve social and living conditions in the United States. We seek investigator-initiated research proposals that will broaden our understanding of the social, economic and political consequences of real-life behaviors and decisions that deviate from the neoclassical economic standards of rationality. RSF is especially interested in behavioral economics research that contributes to our understanding of topics of interest under its other programs--Future of Work; Race, Ethnicity and Immigration; Social Inequality.

The following examples illustrate, but do not exhaust, the topics and types of research the foundation would be interested in supporting:

- Poverty, Inequality and Mobility
- Labor Markets
- Parenting and Child Development
- Racial and Ethnic Bias
- Public Finance
- Choice Architecture

- **URL:** *http://www.russellsage.org/research/funding/behavioral-economics*

Political Science Program
National Science Foundation (NSF)
Due Date: 1/16/2018, 8/15/2018

The program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions. In recent years, program awards have supported research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies;

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25

democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; and political psychology and political tolerance. The program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline. **PD 98-1371**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418*

Alexander Gralnick Research Investigator Prize (Alexander Gralnick Investigator Prize)
American Psychological Association (APA) - American Psychological Foundation (APF)
Due Date: 4/15/2018

The grant supports "exceptional individuals working in the area of serious mental illness", including but not limited to schizophrenia, bipolar disorder and paranoia (delusional disorder).

The program goals are as follows:
- To encourage psychologists to assume a leadership role for psychology in the area of serious mental illness.
- To encourage the training of future psychologists to become leaders in this field.
- To provide funding for recipients to ensure that psychologists work to advance understanding and treatment for those who are affected by serious mental illnesses.

- **URL:** *http://www.apa.org/apf/funding/gralnick.aspx*