

## Funding Bulletin

October 20<sup>th</sup>, 2017 (Vol. 5, No. 2)

### Funding Information

To receive funding information, please contact [funding@wichita.edu](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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
<b>Writing Proposals &amp; Responding to an RFP</b>	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. <b>Registration is required.</b>
<b>Pivot Open Lab</b>	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. <b>This is a come and go lab with no registration required.</b>
<b>IRB Open Lab</b>	Nov 13	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. <b>This is a come and go lab with no registration required.</b>
<b>NIH On-Demand Webinars – Meet the Experts</b>	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> <b>Registration is required.</b>
<b>Research Compliance Open Lab</b>	Nov 15	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. <b>This is a come and go lab with no registration required.</b>

## 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](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](mailto:proposals@wichita.edu) and include your areas of interest.



## INTERNAL OPPORTUNITIES

The next available internal opportunity is: the Award for Research/Creative Projects (ARC) with a February 2, 2018 deadline.

### **Award for Research/Creative Projects (ARC)**

*Wichita State University*

**Due Date: 2/3/2017**

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

**For more information, visit:**

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

## LIMITED SUBMISSIONS

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Karen Davis, Director of Pre-Award Services, is the internal coordinator for limited submission programs. Please notify [proposals@wichita.edu](mailto: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 *seven* open limited submission competitions:**

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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](mailto:funding@wichita.edu).

### **(1) 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>

### **(2) Rural Health Care Services Outreach Grant Program**

*United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA) - Office of Rural Health Policy (ORHP)*

**Due Date: Internal NOIs 11/3/2017; Application 12/6/2017**

This notice solicits applications for the Rural Health Care Services Outreach Program (Outreach Program). The Outreach Program is a community-based grant program aimed towards promoting rural health care services by enhancing health care delivery in rural communities. Outreach projects focus on the improvement of access to services, strategies for adapting to changes in the health care environment, and overall enrichment of the respective community's health. Through a consortia of local health care and social service providers, rural communities can develop innovative approaches to challenges related to their specific health needs. Furthermore, the program creates an opportunity to address the key clinical priorities of the U.S. Department of Health and Human Services (HHS): serious mental illness, substance abuse, and childhood obesity. **HRSA-18-030 Multiple applications from an organization are not allowable.**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=295218>

**(3) EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)**

*National Science Foundation (NSF) - Office of Experimental Program to Stimulate Competitive Research (EPSCoR)*

**Due Date: Internal NOIs 11/10/2017; Letter Intent 11/27/2017; Full Proposal 1/26/2018**

The Established Program to Stimulate Competitive Research (EPSCoR) is designed to fulfill the mandate of the National Science Foundation (NSF) to promote scientific progress nationwide. A jurisdiction is eligible to participate in EPSCoR programs if its level of NSF research support is equal to or less than 0.75 percent of the total NSF research and related activities budget for the most recent three-year period. Through this program, NSF establishes partnerships with government, higher education, and industry that are designed to effect sustainable improvements in a jurisdiction's research infrastructure, Research and Development (R&D) capacity, and hence, its R&D competitiveness. RII Track-2 FEC builds interjurisdictional collaborative teams of EPSCoR investigators in scientific focus areas consistent with NSF priorities. Projects are investigator-driven and must include researchers from at least two RII-eligible jurisdictions with complementary expertise and resources necessary to tackle those projects, which neither party could address as well or rapidly alone. The Science, Technology, Engineering, and Mathematics (STEM) research and education activities should seek to broaden participation through the strategic inclusion and integration of different types of individuals, institutions, and sectors throughout the project. Proposals must describe a comprehensive and integrated vision to drive discovery and build sustainable STEM capacity that exemplifies diversity of all types (individual, institutional, geographic, and disciplinary). The development of diverse early-career faculty is a critical component of this sustainable STEM capacity. For FY 2018, RII Track-2 FEC proposals are invited on a single topic: "Understanding the relationship between genome and phenome". A single proposal is submitted for a project. Support for non-lead collaborating institutions should be requested as subawards. Separately submitted collaborative proposals are not allowed. Each participating EPSCoR jurisdiction must have at least one co-PI on the project. Proposals that do not comply with these requirements will be considered not responsive, and will be returned without review. **NSF 18-502 Only one RII Track-2 FEC proposal may be submitted in response to this solicitation by an organization in an RII-eligible jurisdiction.**

- URL: <https://www.nsf.gov/pubs/2018/nsf18502/nsf18502.htm>

#### **(4) 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<sup>1</sup> 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 funded<sup>1</sup> 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>

**(5) 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>

**(6) 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>



**(7) 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](http://www.dreyfus.org/awards/camille_dreyfus_teacher_award.shtml)

## GENERAL

### **AmeriCorps State and National Grant Competitions**

*Corporation for National and Community Service (CNCS)*

**Due Date: Notices of Intent 12/13/2017; Applications 1/17/2018**

In the FY 2018 AmeriCorps competition, CNCS seeks to prioritize the investment of national service resources in:

- **Disaster Services** - improving community resiliency through disaster preparation, response, recovery, and mitigation
- **Economic Opportunity** - increasing economic opportunities for communities by engaging opportunity youth, either as the population served and/or as AmeriCorps members, to prepare them for the workforce
- **Education** - improving student academic performance in Science, Technology, Engineering, and/or Mathematics (STEM)
- **Healthy Futures** - reducing and/or preventing prescription drug and opioid abuse
- **Veterans and Military Families** - positively impacting the quality of life of veterans and improving military family strength
- **Governor and Mayor Initiatives**
- **Rural intermediaries** - organizations that demonstrate measureable impact and primarily serve communities with limited resources and organizational infrastructure.
- **Safer Communities** - programs that focus on public safety, preventing and mitigating civil unrest, and/or partnerships between law enforcement and the community
- **Evidence Based Intervention Planning Grants**
- **Encore Programs** - programs that engage Americans age 55 and older

CNCS-08-24-17

- **URL:** <https://www.nationalservice.gov/build-your-capacity/grants/funding-opportunities/2017/ameriacorps-state-and-national-grants-fy-2017>

## ARTS & HUMANITIES

### Franklin Research Grants

*American Philosophical Society (APS)*

**Due Date: 12/1/2017**

Since 1933, the American Philosophical Society has awarded small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The Franklin program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Franklin grants are made for noncommercial research.

**There are two special programs within the Franklin grants:**

#### **APS/British Academy Fellowship for Research in London**

In collaboration with the British Academy, the APS offers an exchange postdoctoral fellowship for a minimum of one and a maximum of two months' research in the archives and libraries of London during 2018.

#### **APS/Institute for Advanced Studies in the Humanities Fellowship for Research in Edinburgh**

In collaboration with the Institute for Advanced Studies in the Humanities (IASH) at the University of Edinburgh, the APS offers a visiting fellowship of between two and four months for research in Edinburgh in the calendar year 2018 in any aspect of the humanities and social sciences.

- URL: <https://www.amphilsoc.org/grants/franklin-research-grants>

### Museums for America

*Institute of Museum and Library Services (IMLS)*

**Due Date: 12/1/2017**

The Museums for America (MFA) program supports projects that strengthen the ability of an individual museum to serve its public. **MFA-FY18**

**MFA has three project categories:**

Learning Experiences  
Community Anchors  
Collections Stewardship

- URL: <https://www.ims.gov/grants/available/museums-america>

## **National Leadership Grants (NLG) for Museums**

*Institute of Museum and Library Services (IMLS)*

**Due Date: 12/1/2017**

National Leadership Grants for Museums support projects that address critical needs of the museum field and that have the potential to advance practice in the profession so that museums can improve services for the American public. National Leadership Grants for Museums has four project categories.  
**NLG-M-FY18**

**Note that these categories are new for FY 2018 and are different from those in the FY 2017 NOFO:**

Advancing Digital Assets and Capacity

Diversity and Inclusion

Collections Care and Access

Professional Development

- URL: <https://www.ims.gov/grants/available/national-leadership-grants-museums>

## **Sustaining Cultural Heritage Collections (SCHC)**

*National Endowment for the Humanities (NEH)*

**Due Date: 12/5/2017**

The Sustaining Cultural Heritage Collections (SCHC) program helps cultural institutions meet the complex challenge of preserving large and diverse holdings of humanities materials for future generations by supporting sustainable conservation measures that mitigate deterioration, prolong the useful life of collections, and support institutional resilience: the ability to anticipate and respond to natural and man-made disasters. **20171205-PF**

**SCHC offers two kinds of awards:**

### **1. Planning Grants:**

To help an institution develop and assess sustainable preventive conservation strategies, grants that will support planning projects, which may encompass such activities as site visits, risk assessments, planning sessions, monitoring, testing, modeling, project-specific research, and preliminary designs for implementation projects.

### **2. Implementation Grants**

To help an institution implement a preventive conservation project. Implementation projects must focus on sustainable or resilient preservation strategies.

- URL: <https://www.neh.gov/grants/preservation/sustaining-cultural-heritage-collections>

## **Collaborative Research Grants**

*National Endowment for the Humanities (NEH)*

**Due Date: 12/6/2017**

Collaborative Research grants support groups of two or more scholars engaging in significant and sustained research in the humanities. The program seeks to encourage interdisciplinary work, both within the humanities and beyond. Projects that include partnerships with researchers from the natural and social sciences are encouraged, but they must remain firmly rooted in the humanities and must employ humanistic methods. Collaborators may be drawn from a single institution or several institutions across the United States; up to half of the collaborators may be based outside of the U.S. Partnerships among different sorts of institutions are welcome: for example, research universities might partner with teaching colleges, libraries, museums, or independent research institutions. Eligible projects must propose tangible and sustainable outcomes such as co-authored or multi-authored books; born-digital publications; themed issues of peer-reviewed journals; and content-rich, open-access digital resources (for example, websites, databases, or tools). All project outcomes must be based on and must convey interpretive humanities research. **20171206-RZ**

- URL: <https://www.neh.gov/grants/research/collaborative-research-grants>

## **Scholarly Editions and Translations Grants**

*National Endowment for the Humanities (NEH)*

**Due Date: 12/6/2017**

Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts of value to the humanities that are currently inaccessible or available only in inadequate editions or transcriptions. Typically, the texts and documents are significant literary, philosophical, and historical materials; but other types of work, such as musical notation, are also eligible. Projects must be undertaken by at least one editor or translator and one other collaborating scholar. These grants support full-time or part-time activities for periods of one to three years. Applicants should demonstrate familiarity with the best practices recommended by the Association for Documentary Editing or the Modern Language Association Committee on Scholarly Editions. Translation projects should also explain the theory and method adopted for the particular work to be translated. Editions and translations produced with NEH support contain scholarly and critical apparatus appropriate to their subject matter and format. This usually means introductions and annotations that provide essential information about a text's form, transmission, and historical and intellectual context. Proposals for editions of foreign language materials in the original language are eligible for funding, as well as proposals for editions of translated materials. **20171206-RQ**

- URL: <https://www.neh.gov/grants/research/scholarly-editions-and-translations-grants>

## **Grants to Support Feminist Scholars and Activities**

*Feminist Review Trust*

**Due Date: 1/31/2018, 4/30/2018, 9/30/2018**

The Feminist Review Trust gives grants to projects in the UK and internationally that support women.

**In 2017 and 2018 we will particularly welcome applications from non-OECD countries in the following areas:**

- Lesbian and transgender rights
- Violence against women and girls
- Disabled women and girls

- URL: <http://www.feminist-review-trust.com/>

## **Harold Powers World Travel Fund**

*American Musicological Society (AMS)*

**Due Date: 4/3/2018**

This fund is intended to encourage and assist Ph.D. candidates, post-docs, and junior faculty in all fields of musical scholarship to travel anywhere in the world to carry out the necessary work for their dissertation or other research. The Fund honors the polymathic scholar and distinguished longtime AMS member whose publications have ranged from music and language to medieval mode to Indian music to Puccini and whose interests are wider still, but always with the communicative aspects of music at their base.

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

## EDUCATION

### ED Announces Proposed Priorities for Future Grant Competitions

Dear Colleagues:

Today, the U.S. Department of Education (ED) released the Secretary of Education's proposed priorities for ED's upcoming competitive grant programs with an accompanying 30-day public comment period. The Secretary will consider the public comments and then choose to use one or more of the priorities in future ED grant competitions. Addressing specific ED priorities can be a requirement in some competitions or else, in some cases, provide much-needed additional points to an application - so feedback could be important.

The proposed priorities are:

1. Empowering Families to Choose a High-Quality Education that Meets Their Child's Unique Needs.
2. Promoting Innovation and Efficiency, Streamlining Education with an Increased Focus on Improving Student Outcomes, and Providing Increased Value to Students and Taxpayers.
3. Fostering Flexible and Affordable Paths to Obtaining Knowledge and Skills.
4. Fostering Knowledge and Promoting the Development of Skills that Prepare Students to be Informed, Thoughtful, and Productive Individuals and Citizens.
5. Meeting the Unique Needs of Students And Children, including those with Disabilities and/or with Unique Gifts and Talents.
6. Promoting Science, Technology, Engineering, and Math (STEM) Education, With a Particular Focus on Computer Science.
7. Promoting Literacy.
8. Promoting Effective Instruction in Classrooms and Schools.
9. Promoting Economic Opportunity.
10. Encouraging Improved School Climate and Safer and More Respectful Interactions in a Positive and Safe Educational Environment.
11. Ensuring that Service Members, Veterans, and Their Families Have Access to High-Quality Educational Choices.

For more information about these priorities and to submit comments, please follow this link to the *Federal Register*: <https://www.federalregister.gov/documents/2017/10/12/2017-22127/proposed-supplemental-priorities-and-definitions-for-discretionary-grant-programs>.

The above announcement is available here: [https://blog.ed.gov/2017/10/ed-releases-secretarys-proposed-priorities-competitive-grant-programs/?utm\\_content=&utm\\_medium=email&utm\\_name=&utm\\_source=govdelivery&utm\\_term=](https://blog.ed.gov/2017/10/ed-releases-secretarys-proposed-priorities-competitive-grant-programs/?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term=)

## **Conference Grants**

*Spencer Foundation*

**Due Date: 12/1/2017**

The current award is seeking proposals from scholars whose interests are related to critical questions that interrogate how to create and sustain equitable educational spaces. Moreover, we seek proposals that will lead to robust research agendas that support the advancement of learners who face structural and systemic barriers in their pursuit of educational opportunities. In developing a focused request for proposals about exploring the various dimensions of educational equity, the Foundation intends to encourage the research community to propose meetings that move beyond the mere identification of the problem and increase collaboration within and across researcher communities to advance actionable research. Our hope is that these conferences will spur the creation of new knowledge or critically re-frame existing sets of knowledge aimed at addressing equity issues. Additionally, we encourage scholars to imagine, through these conferences, ways in which research can help disrupt inequitable systems and practices in education, to support more learners in developing their full potential.

- URL: <http://www.spencer.org/conference-grants-advancing-education-research>

## **Program Development Grants and Existing Program Evaluation Grants**

*Brady Education Foundation*

**Due Date: 12/1/2017, 4/1/2018**

The Brady Education Foundation seeks to close the achievement/opportunity gap for children at risk for poor school outcomes due to environmental factors associated with living in poverty. The Foundation pursues its mission by promoting collaboration between researchers and educators via the funding of program development and program evaluations in education. Currently, the Foundation is particularly focused on the development and evaluation of programs that are consistent with a strength-based approach and show promise of being feasible, effective and sustainable.

**The Foundation funds two types of projects:**

- 1. Program Development**
- 2. Existing Program Evaluation**

**The Foundation favors projects that:**

- Represent strong collaborative relationships between researchers and practitioners, and other community stakeholders as appropriate;
- Evaluate programs consistent with strength-based approaches rather than deficit models;



- Projects for which operational funding for the program is already secured so that funding from the Foundation is used only for evaluation activities;
  - Evaluate programs that show promise of being affordable, accessible and sustainable;
  - Projects that employ randomized control designs (including wait-list control designs when assignment to wait-list condition is randomized). Comparison group designs may also be employed when strong efforts are made to control for potential confounding variables (e.g., due to selection effects). The Foundation rarely funds evaluation projects that employ neither randomized control nor comparison group designs;
  - Projects that evaluate effects on measurable child outcomes.
  - Consider the specific and unique assets and needs of children from underserved populations and/or low-resourced communities (e.g., minority ethnic groups, low-income communities). Concerning race and ethnicity, the Foundation seeks to increase understanding of what works best for children from diverse racial, ethnic, and cultural backgrounds (e.g., African American, Latino, Native American).
- URL: <http://www.bradyeducationfoundation.org/applicationguidelines.html>

### **Research Grants Program**

*American Educational Research Association (AERA)*

**Due Date: 1/17/2018, 8/31/2018**

The program seeks to stimulate research on U.S. education issues using data from the large-scale, national and international data sets supported by the National Center for Education Statistics (NCES), NSF, and other federal agencies, and to increase the number of education researchers using these data sets. The program supports research projects that are quantitative in nature, include the analysis of existing data from NCES, NSF or other federal agencies, and have U.S. education policy relevance. AERA invites education-related research proposals using NCES, NSF, and other federal databases. Research Grants are available for faculty at institutions of higher education, postdoctoral researchers, and other doctoral-level scholars. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics. The Governing Board for the AERA Grants Program has established the following four strands of emphasis for proposals.

**Applicants are encouraged to submit proposals that:**

- develop or benefit from new quantitative measures or methodological approaches for addressing education issues;
- include interdisciplinary teams with subject matter expertise, especially when studying science, technology, engineering and mathematics (STEM) learning;
- analyze TIMSS, PISA, or other international data resources; and
- include the integration and analysis of more than one data set.

Research projects related to at least one of the strands above and to science and/or mathematics education are especially encouraged. Other topics of interest include policies and practices related to student achievement in STEM, contextual factors in education, educational participation and persistence (kindergarten through graduate school), early childhood education, and post-secondary education. The research project must include the analysis of data from at least one of the large-scale, nationally or internationally representative data sets supported by NCES, NSF, or other federal agency, such as the U.S. Department of Labor, the U.S. Census Bureau, and the National Institutes of Health. The data set(s) of interest must be available for analysis at the time of application (public- or restricted-use files are permissible). Additional data sets may be used in conjunction with the obligatory federal data set. If international data sets are used, the study must include U.S. education.

- URL: <http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Grants-Program/Research-Grants>

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### **CENTER OF EXCELLENCE: Efficient and Robust Machine Learning (ERML)**

*U.S. Dept. of Defense (DOD) - Department of the Air Force (USAF) - Air Force Office of Scientific Research (AFOSR)*

**Due Date: White Papers 10/30/2017; Applications 12/20/2017**

Proposals are sought for basic and applied research towards the efficiency, robustness, and usability of machine learning methods, as well as understanding of the content, context, and considerations of machine learning to process, exploit, and disseminate results based on performance requirements. Desirable proposals will address data types and machine learning concerns (e.g., transfer, zero-shot). In additional, desirable proposals will seek to understanding and develop complex, adaptive machine learning techniques that support software/hardware implementation. **FOA-AFRL-AFOSR-2017-0002**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=297697>

### **Generation 3 Concentrating Solar Power Systems**

*United States Department of Energy (DOE) - Office of Energy Efficiency and Renewable Energy (EERE) - Golden Field Office (GFO)*

**Due Date: Concept Papers 11/3/2017; 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.<sup>1</sup> 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>

### **Petascale Computing Resource Allocations (PRAC)**

*National Science Foundation (NSF)*

**Due Date: 11/6/2017**

In 2013, a new NSF-funded petascale computing system, Blue Waters, was deployed at the University of Illinois. The goal of this project and system is to open up new possibilities in science and engineering by providing computational capability that makes it possible for investigators to tackle much larger and more complex research challenges across a wide spectrum of domains. The purpose of this solicitation is to invite research groups to submit requests for allocations of resources on the Blue Waters system. Proposers must show a compelling science or engineering challenge that will require petascale computing resources. Proposers must also be prepared to demonstrate that they have a science or engineering research problem that requires and can effectively exploit the petascale computing capabilities offered by Blue Waters. **NSF 17-542**

- URL: <https://www.nsf.gov/pubs/2017/nsf17542/nsf17542.htm>

### **Geometric Analysis**

*National Science Foundation (NSF)*

**Due Date: 11/7/2017**

The program in Geometric Analysis supports research on differential geometry and its relation to partial differential equations and variational principles; aspects of global analysis, including the differential geometry of complex manifolds and geometric Lie group theory; geometric methods in modern mathematical physics; and geometry of convex sets, integral geometry, and related geometric topics. **PD 10-1265**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5549](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5549)

### **Probability**

*National Science Foundation (NSF)*

**Due Date: 11/7/2017**

The program supports research on the theory and applications of probability. Subfields include discrete probability, stochastic processes, limit theory, interacting particle systems, stochastic differential and partial differential equations, and Markov processes. Research in probability that involves applications to other areas of science and engineering is especially encouraged. **PD 10-1263**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5555](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5555)

### **Statistics Program**

*National Science Foundation (NSF)*

**Due Date: 11/7/2017**

The program supports research in statistical theory and methods, including research in statistical methods for applications to any domain of science and engineering. The theory forms the base for statistical science. The methods are used for stochastic modeling, and the collection, analysis and interpretation of data. The methods characterize uncertainty in the data and facilitate advancement in science and engineering. The program encourages proposals ranging from single-investigator projects to interdisciplinary team projects. **PD 08-1269**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5556](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5556)

## Topology

*National Science Foundation (NSF)*

**Due Date: 11/7/2017**

The program supports research on algebraic topology, including homotopy theory, ordinary and extraordinary homology and cohomology, cobordism theory, and K-theory; topological manifolds and cell complexes, fiberings, knots, and links; differential topology and actions of groups of transformations; geometric group theory; and general topology and continua theory. **PD 10-1267**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5551](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5551)

## Applied Mathematics

*National Science Foundation (NSF)*

**Due Date: 11/15/2017**

The program supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. **PD 16-1266**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5664](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5664)

## Local Section Innovative Project Grant Program

*American Chemical Society (ACS)*

**Due Date: 1/15/2018**

The ACS Committee on Local Section Activities (LSAC) funds new local section projects through Local Section Innovative Projects Grants (IPGs). This program encourages local sections to conceive of and implement innovative projects to strengthen the functioning of the local section.

### **Proposed innovative projects must:**

- 1) be new to the applying local section
- 2) stimulate local section member involvement
- 3) be pilot projects for a continuing section activity or else take advantage of a unique upcoming opportunity for the local section.

Projects that support interaction with other ACS local sections, ACS divisions, ACS committees, other professional associations, or community groups are especially encouraged, as are programs that foster inclusiveness and participation of diverse section membership or segments of the general public.

- URL: <https://www.acs.org/content/acs/en/funding-and-awards/grants/acscommunity/lsinnovativegrant.html>

### **Research and Development (R and D) for Energy Systems**

*U.S. Dept. of Defense (DoD) – Naval Facilities Engineering and Expeditionary Warfare Center*

**Due Date: Abstracts 11/27/2017**

Notice supporting innovations with potential for use at multiple locations that improve electrical systems to increase energy efficiency, reliability, and resilience and/or to reduce total facility ownership costs while continuing to meet operational and readiness requirements. Topic areas include: Energy Analytics for Control Systems; Cyber Security Integrity for Operational Technology Networks; Energy Storage Systems; and Distributed Generation. **N3943018R2001**

- URL: <https://www.fbo.gov/?s=opportunity&mode=form&tab=core&id=7fd4b0a452b14abea785f5b4e8b26&cvview=0>

### **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>

## Condensed Matter and Materials Theory (CMMT)

National Science Foundation (NSF)

**Due Date: Continuous**

CMMT supports theoretical and computational materials research in the topical areas represented in DMR's Topical Materials Research Programs which include: Condensed Matter Physics (CMP), Biomaterials (BMAT), Ceramics (CER), Electronic and Photonic Materials (EPM), Metals and Metallic Nanostructures (MMN), Polymers (POL), and Solid State and Materials Chemistry (SSMC). The CMMT program supports fundamental research that advances conceptual understanding of hard and soft materials, and materials-related phenomena; the development of associated analytical, computational, and data-centric techniques; and predictive materials-specific theory, simulation, and modeling for materials research. First-principles electronic structure, quantum many-body and field theories, statistical mechanics, classical and quantum Monte Carlo, and molecular dynamics, are among the methods used in the broad spectrum of research supported in CMMT. Research may encompass the advance of new paradigms in materials research, including emerging data-centric approaches utilizing data-analytics or machine learning. Computational efforts span from the level of workstations to advanced and high-performance scientific computing. Emphasis is on approaches that begin at the smallest appropriate length scale, such as electronic, atomic, molecular, nano-, micro-, and mesoscale, required to yield fundamental insight into material properties, processes, and behavior, to predict new materials and states of matter, and to reveal new materials phenomena. Approaches that span multiple scales of length and time may be required to advance fundamental understanding of materials properties and phenomena, particularly for polymeric materials and soft matter. Areas of recent interest include, but are not limited to: strongly correlated electron systems; active matter; topological phases; low-dimensional materials and systems; quantum and classical nonequilibrium phenomena, the latter including pattern formation, materials growth, microstructure evolution, fracture, and the jamming transition; gels; glasses; disordered materials, hard and soft; defects; high-temperature superconductivity; nanostructured materials and mesoscale phenomena; creation and manipulation of coherent quantum states; polymeric materials and soft condensed matter, biologically inspired materials, and research at the interface with biology. CMMT encourages potentially transformative submissions at the frontiers of theoretical and computational materials research, which includes but is not limited to: i) advancing the understanding of emergent properties and phenomena of materials and condensed matter systems, ii) developing materials-specific prediction and advancing understanding of properties, phenomena, and emergent states of matter associated with either hard or soft materials, iii) developing and exploring new paradigms including computational and data-enabled approaches to advance fundamental understanding of materials and materials related phenomena, or iv) fostering research at interfaces among subdisciplines represented in the Division of Materials Research. **NSF 18-500**

- URL: <https://www.nsf.gov/pubs/2018/nsf18500/nsf18500.htm>



**Dear Colleague Letter: Encouraging Participation of Cloud Computing Providers in Computer and Information Science and Engineering Research**  
*National Science Foundation (NSF) (NSF 18-014)*

- URL: [https://www.nsf.gov/pubs/2018/nsf18014/nsf18014.jsp?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](https://www.nsf.gov/pubs/2018/nsf18014/nsf18014.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click)

## **HEALTH, LIFE & EARTH SCIENCES**

**BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01)**

*National Institutes of Health (NIH)*

**Due Date: Letters of Intent 11/7/2017; Applications 12/7/2017**

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, "BRAIN 2025: A Scientific Vision," this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. The hope is that efforts supported under this FOA might be both complementary and integrative with the transformative, breakthrough neuroscience discoveries supported through the BRAIN Initiative. **RFA-MH-18-500**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-18-500.html>





### **K-INBRE Core Facility Support**

*Kansas IDeA Network of Biomedical Research Excellence (K-INBRE)*

**Due Date: 2/1/2018**

This award is for the purpose of providing funds to institutional core facilities that support the research focus of the K-INBRE, Cell and Developmental Biology. Proposals are limited to one year of funding.

- URL: <http://www.k-inbre.org/FacultyAwards.html>

### **K-INBRE Recruitment Packages**

*Kansas IDeA Network of Biomedical Research Excellence (K-INBRE)*

**Due Date: 2/1/2018**

Recruitment/Start-up packages are for the purpose of assisting in the process of bringing in new faculty to K-INBRE Undergraduate Partner Institutions (UPI) Emporia State University, Fort Hays State University, Haskell Indian Nations University, Langston University, Pittsburg State University, Washburn University, Wichita State University and helping in the establishment of their research laboratories.

- URL: <http://www.k-inbre.org/FacultyAwards.html>

## MULTIPLE DISCIPLINES

### Mathematical Biology

*National Science Foundation (NSF)*

**Due Date: 11/15/2017**

The Mathematical Biology Program supports research in areas of applied and computational mathematics with relevance to the biological sciences. Successful proposals are mathematically innovative and address challenging problems of interest to members of the biological community. Some projects of interest to the Mathematical Biology Program may include development of mathematical concepts and tools traditionally seen in other disciplinary programs within the Division of Mathematical Sciences, e.g., topology, probability, statistics, computational mathematics, etc. To receive appropriate and timely review, such proposals should be submitted directly to the relevant disciplinary program that has the earliest deadline, with other program(s) selected as secondary. Note that proposals that use established mathematical and computational tools to address problems in the biological sciences are typically not appropriate for submission to DMS. For further details on other disciplinary programs within DMS, see the corresponding program descriptions. In general, if a proposal is appropriate for review by more than one NSF program, it is advisable to contact the program officers handling each program to determine when the proposal should be submitted and to facilitate the review process. Usually, it is most appropriate to submit in line with the earliest program deadline. The Mathematical Biology Program regularly seeks joint reviews of proposals with programs in the Directorates of Biological Sciences and Engineering. Investigators are encouraged to discuss their project with program officers in relevant areas to determine if it should be submitted to more than one program. **PD 16-7334**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5690](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690)

## NEW FACULTY / INVESTIGATOR

### First Awards

*Kansas NSF EPSCoR*

**Due Date: Letters of Intent 11/8/2017; Full Proposals 1/23/2018**

Kansas NSF EPSCoR is announcing a funding opportunity for First Awards in the areas that are related to the current Kansas NSF EPSCoR focus of microbiomes as broadly construed to be in **aquatic, plant and/or soil systems**. The First Award program helps early career faculty become competitive for funding from the research directorates at the National Science Foundation.

- URL: <http://www.nsfepscor.ku.edu/funding.html>

### Herb Alpert Young Jazz Composer Awards

*American Society of Composers, Authors, and Publishers (ASCAP) Foundation*

**Due Date: 12/1/2017**

Established in 1975, the ASCAP Foundation is dedicated to nurturing the music talent of tomorrow, preserving the legacy of the past, and sustaining the creative incentive for today's creators through a variety of educational, professional, and humanitarian programs and activities serving the entire music community. To that end, the foundation, in partnership with the Herb Alpert Foundation, is accepting applications to its Herb Alpert Young Jazz Composer Awards, a program designed to encourage talented young jazz composers. To be considered, applicants must submit an original score or chart of one composition accompanied by a CD indicating proper track (if applicable). Winning submissions will receive a cash prize to be shared equally among the co-writers of the musical work or composition.

- URL: <https://www.ascapfoundation.org/programs/awards/herb-alpert-composer.aspx>

### **David Wechsler Early Career Grant for Innovative Work in Cognition**

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

**Due Date: 6/15/2018**

The grant supports early career psychologists pursuing innovative work in neuropsychology, intelligence and/or the assessment aspects of cognition; applications are encouraged for work on positive applied neuropsychology.

**Program Goals:**

- Encourage the careers of early career psychologists to pursue innovative work in cognition, particularly those who work on positive applied neuropsychology
- Seed the knowledge base with cutting-edge research in neuropsychology, intelligence and/or the assessment aspects of cognition

- URL: <http://www.apa.org/apf/funding/wechsler.aspx>

## **SOCIAL & BEHAVIORAL SCIENCES**

### **Science of Organizations (SoO)**

*National Science Foundation (NSF)*

**Due Date: 2/2/2018, 9/4/2018**

Organizations - private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit - are critical to the well-being of nations and their citizens. They are of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The SoO program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities. SoO welcomes any and all rigorous, scientific approaches that illuminate aspects of organizations as systems of coordination, management and governance. **PD 11-8031**

- URL: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504696](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696)



## STUDENTS

### **SPIE Optics and Photonics Education Scholarships**

*Society of Photo-Optical Instrumentation Engineers (SPIE)*

**Due Date: 2/15/2018**

SPIE scholarships are open to students located anywhere in the world who are studying or planning to study optics, photonics, or a related field. The key criterion in evaluating and ranking applications is the "prospect for long-term contribution that the granting of an award will make to the field of optics, photonics or related field." Need, in and of itself, shall not be considered as a criterion. All scholarship applications are judged on their own merit, based on the experience and education level of the individual student. High school (pre-university, secondary school), undergraduate, and graduate students will be judged relative to other applicants with similar educational backgrounds.

- URL: <https://spie.org/membership/student-members/scholarships?SSO=1>