WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

Funding Bulletin

September 22nd, 2017 (Vol. 4, No. 24)

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/

WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

OFFICE OF RESEARCH WORKSHOPS

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

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

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Oct 9	10:00 – 11:30 a.m.	405 Jardine	The IRB Administrator will be holding Open Labs this fall for Faculty, Staff or Students who have questions about the new forms or about their study in general. ***This is a come and go lab with no registration required.***
Research Compliance Open Lab	Oct 18	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub	The Research Compliance Office will hold an open lab for questions regarding hiring foreign nationals; shipping or receiving items from outside the US; international travel; review of Research projects for export compliance; conflicts of interest & management plans. ***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.***
Pivot Open Lab	Oct 26	2:30 – 4:00 p.m.	409E Jardine	PIVOT open labs are to assist faculty and staff who are interested in identifying external funding sources. ***This is a come and go lab with no registration 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.***

WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

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.

WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

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/

WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

LIMITED SUBMISSIONS

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Karen Davis, Director of Pre-Award Services, is the internal coordinator for limited submission programs. Please notify *proposals@wichita.edu*, by the internal Notice of Intent (NOI) due date listed in the Funding Bulletin if you wish to submit a limited submission program. **Because many limited submission programs often have short turnaround times, it is important that researchers also periodically check the Office of Research's *Limited Submission Opportunities* webpage for additional opportunities that may not have made it into the bulletin. There are currently *thirteen* open limited submission competitions:**

(1) 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. 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*

(2) NIH Science Education Partnership Award (SEPA) (R25)
National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)
Due Date: Internal NOI 10/13/2017; Letter of Intent 10/21/2017; Application 11/20/2017; 20

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To this end, this funding opportunity announcement (FOA) encourages the development of innovative educational activities for pre-kindergarten to grade 12 (P-12), pre-service and in-service teachers (Teachers) and students from underserved communities with a focus on Courses for Skills Development, Research Experiences, Mentoring Activities, Curriculum or Methods Development and Outreach. Applicants are strongly encouraged to consult with the SEPA Scientific/Research Contact to be advised on the appropriateness of the intended P-12 STEM or ISE project for SEPA program objectives and the priorities of the NIGMS. **PAR-17-339** ***Only one application per institution is allowed.***

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

(3) 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*

(4) 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 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*

(5) Greenwall Faculty Scholars Program in Bioethics

Greenwall Foundation

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

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

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

(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 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) Blavatnik Awards for Young Scientists: National Competition

New York Academy of Sciences

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

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

Life Sciences category includes:

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

Physical Sciences & Engineering category includes:

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

Chemistry category includes:

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

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

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

(9) 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 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*

(10) 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*

(11) 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/*

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

National Science Foundation (NSF)

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

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

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

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

Project types under this program include:

1. Alliances.

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

a. STEM Pathways Implementation

b. STEM Pathways and Research Alliance Projects

c. Bridges to the Baccalaureate (B2B)

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

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

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

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

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

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

(13) Camille Dreyfus Teacher-Scholar Award
Camille and Henry Dreyfus Foundation, Inc.
Due Date: Internal NOIs 12/8/2017; Nomination 2/8/2018

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

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

ARTS & HUMANITIES

Residency Partnership Program
Chamber Music America (CMA)
Due Date: 10/15/2017

The Residency Partnership Program supports professional ensembles and presenters in building audiences for small ensemble music through residency projects. The program funds activities that take place in community settings and that are not part of a regular concert series. Community settings must be accessible to the specific audiences you plan to reach. Examples of community settings are classrooms, libraries, healthcare facilities, senior centers, and parks. The program does not support musical instruction, such as private or group lessons, coachings or master classes for K-12 students, college- or conservatory-level music students. Each year, one project featuring a classical string quartet is funded by the Sewell Family Foundation and is designated as the Guarneri String Quartet Residency. The recipient is selected in the final round of the review process, based on the strength of the project. No separate application is required. Projects must take place in the United States or its territories. The residency must take place in a specific city, town or geographic area, not to exceed a 30-mile radius. Projects must consist of a minimum of 3 activities taking place over at least 3 days within a one-month

period. Each residency activity must be at least 45 minutes long and performed before a live audience by the full ensemble or majority of its members. The residency may include lecture/demonstrations, workshops that involve the audience participants, pop-up concerts and other activities designed for the audiences served by the Community Partner(s). ***CMA will not accept more than one application from a presenter or ensemble. If a presenter or ensemble is part of one application, it may not be part of any other application.***

- **URL:** *http://www.chamber-music.org/content/residency-partnership-program*

Conservation Guest Scholar Program
J. Paul Getty Trust - Getty Foundation - Getty Conservation Institute (GCI)
Due Date: 11/1/2017

The Program at the Institute supports new ideas and perspectives in the field of conservation, with an emphasis on the visual arts (including sites, buildings, objects) and the theoretical underpinnings of the field.

The program provides an opportunity for professionals to pursue scholarly research in an interdisciplinary manner across traditional boundaries in areas of interest to the international conservation community. Grants are not intended to fund research for the completion of an academic degree. The GCI will consider proposals that require use of the GCI Science laboratories; however use is dependent upon availability of lab facilities and staff time and cannot be guaranteed. Grants support research to be undertaken while in residence at the Getty. Nonresidential research and travel are not supported by this grant. The Foundation supports those committed to advancing the greater understanding and preservation of the visual arts in Los Angeles and throughout the world. Through strategic grant initiatives, it strengthens art history as a global discipline, promotes the interdisciplinary practice of conservation, increases access to museum and archival collections, and develops current and future leaders in the visual arts. It carries out its work in collaboration with the other Getty Programs to ensure that they individually and collectively achieve maximum effect.

- **URL:** *http://www.getty.edu/foundation/initiatives/residential/conservation_guest_scholars.html*

Conservation and Scientific Research Fellowships: Andrew W. Mellon Foundation Conservation Fellowships
Metropolitan Museum of Art (MMA)
Due Date: 12/1/2017

The Andrew W. Mellon Foundation has made it possible for The Metropolitan Museum of Art to award a limited number of annual conservation fellowships for training in one or more of the following Museum departments: Arms and Armor, Asian Art Conservation, The Costume Institute, Musical Instruments, Objects Conservation (including sculpture, metalwork, glass, ceramics, furniture, and archaeological objects), Paintings Conservation, Paper Conservation, Scientific Research, or Textile Conservation. Fellowships are not granted every year in each department.

- **URL:** *http://www.metmuseum.org/about-the-met/fellowships/conservation-and-scientific-research-fellowships*

Conservation and Scientific Research Fellowships: Sherman Fairchild Foundation Conservation Fellowships
Metropolitan Museum of Art (MMA)
Due Date: 12/1/2017

The Sherman Foundation enables the Museum to provide annual conservation fellowships to qualified candidates from the United States and abroad who have already reached an advanced level of training or experience. The Fellowship makes possible study and training in the following Museum conservation departments: Arms and Armor, Asian Art Conservation, The Costume Institute, Musical Instruments, Objects Conservation (including sculpture, metalwork, glass, ceramics, furniture, and archaeological objects), Paintings Conservation, Paper Conservation, Scientific Research, or Textile Conservation.

- **URL:** *http://www.metmuseum.org/about-the-met/fellowships/conservation-and-scientific-research-fellowships*

EDUCATION

Dear Colleague Letter: Research on Methodologies for STEM Education

National Science Foundation (NSF 17-136)

- **URL:***https://www.nsf.gov/pubs/2017/nsf17136/nsf17136.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click*

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Advanced Power Electronics Design for Solar Applications

U.S. Dept. of Energy (DOE) - Office of Energy Efficiency and Renewable Energy (EERE) - Golden Field Office (GFO)

Due Date: Concept papers 10/12/2017; Proposals 12/15/2017

This Funding Opportunity Announcement (FOA) will fund research that can enable significant reductions in the lifetime costs of power electronics (PE) for solar photovoltaic (PV) energy that align with meeting the SunShot 2030 goals, and likewise enable versatile control functionalities to support grid integration of solar PV for enhanced grid services. **DE-FOA-0001740**

Therefore, in comparison to the state of the art, the SunShot Initiative seeks to fund early-stage solar PE research projects to enable the following objectives:

1) Lower the lifetime cost of residential, commercial, and utility-scale solar PV inverter/converter solutions;
2) Develop innovative modular, multi-purpose solar PV power electronics designs that offer enhanced services for improved lifetime value and lower grid integration costs.

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=297217*

Small Business Innovation Research Program Phase I Solicitation (SBIR)
National Science Foundation (NSF)
Due Date: 12/4/2017

The NSF SBIR program focuses on transforming scientific discovery into products and services with commercial potential and/or societal benefit. Unlike fundamental research, the NSF SBIR program supports startups and small businesses in the creation of innovative, disruptive technologies, getting discoveries out of the lab and into the market. Different from most other investors, the NSF SBIR Program funds early or "seed" stage research and development. The program is designed to provide equity-free funding and entrepreneurial support at the earliest stages of company and technology development. The SBIR program is Congressionally mandated and intended to support scientific excellence and technological innovation through the investment of federal research funds to build a strong national economy by stimulating technological innovation in the private sector; strengthening the role of small business in meeting federal research and development needs; increasing the commercial application of federally supported research results; and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The SBIR program at NSF solicits proposals from the small business sector consistent with NSF's mission to promote the progress of science; to advance the national health, prosperity, and welfare; and to secure the national defense. Because the program has no topical or procurement focus, the NSF offers very broad solicitation topics that are intended to permit as many eligible science- and technology-based small businesses as possible to compete for funding. The topics are detailed on the website. In many cases, the program is also open to proposals focusing on technical and market areas not explicitly noted in the aforementioned topics. **NSF 17-596**

- **URL:** *https://nsf.gov/pubs/2017/nsf17596/nsf17596.htm*

Small Business Technology Transfer Program Phase I Solicitation (STTR)
National Science Foundation (NSF)
Due Date: 12/4/2017

The NSF STTR program focuses on transforming scientific discovery into products and services with commercial potential and/or societal benefit. Unlike fundamental research, the NSF STTR program supports startups and small businesses in the creation of innovative, disruptive technologies, getting discoveries out of the lab and into the market. Different from most other investors, the NSF STTR Program funds early or "seed" stage research and development. The program is designed to provide equity-free funding and entrepreneurial support at the earliest stages of company and technology development. The STTR program is Congressionally mandated and intended to support scientific excellence and technological innovation through the investment of federal research funds to build a strong national economy by stimulating technological innovation in the private sector; strengthening

the role of small business in meeting federal research and development needs; increasing the commercial application of federally supported research results; and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The STTR program at NSF solicits proposals from the small business sector consistent with NSF's mission to promote the progress of science; to advance the national health, prosperity, and welfare; and to secure the national defense. **NSF 17-595**

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17595/nsf17595.htm*

Chemical Biology for Infectious Diseases (CBID) CoBRE – Pilot Project RFA
University of Kansas National Institutes of Health (NIH) Center of Biomedical Research Excellence (COBRE)
Due Date: Letters of Intent 1/2/2018; Applications 3/1/2018

The KU NIH CoBRE in Chemical Biology of Infectious Disease will provide investigators with support for research activities, mentoring, and access to Core Lab Services. **Four** pilot projects up to $90,000 in total direct costs starting May 1st, 2018 are anticipated for support. Applications must describe a pilot-research project that fits well with the scientific theme of Chemical Biology of Infectious Disease and incorporates substantial use of one or more associated core labs at KU. The competition is open to all full-time faculty at any State of Kansas Regents Universities. Tenure-track is not required. The CoBRE pilot grant program is intended to enable junior and senior investigators to generate preliminary data for submission of competitive grant applications, develop new technologies, and/or achieve other goals as defined by the PI that will better position the institution to conduct biomedical research.

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

NSF/Intel Partnership on Foundational Microarchitecture Research
National Science Foundation (NSF) - Intel Labs University Collaboration Office
Due Date: 1/12/2018

The confluence of transistor scaling, increases in the number of architecture designs per process generation, the slowing of clock frequency growth, and recent success in research exploiting Thread Level Parallelism (TLP) and Data Level Parallelism (DLP) all point to an increasing opportunity for innovative microarchitecture techniques and methodologies in delivering performance growth in the future. The NSF/Intel Partnership on Foundational Microarchitecture Research will support transformative microarchitecture research targeting improvements in instructions per cycle (IPC). This

solicitation seeks microarchitecture technique innovations beyond simplistic, incremental scaling of existing microarchitectural structures. **NSF 17-597**

Specifically, FoMR seeks to advance research that has the following characteristics:
(1) high IPC techniques ranging from microarchitecture to code generation;
(2) "microarchitecture turbo" techniques that marshal chip resources and system memory bandwidth to accelerate sequential or single-threaded programs; and
(3) techniques to support efficient compiler code generation. Advances in these areas promise to provide significant performance improvements to continue the cadence promised by Moore's Law.

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17597/nsf17597.htm*

DARPA Biological Technologies Office Open BAA

U.S. Department of Defense (DoD) – Defense Advanced Research Projects Agency (DARPA) – Biological Technologies Office

Due Date: Proposal abstracts and Full Proposals accepted on a rolling basis through 4/26/2018

Notice seeking applications for revolutionary research ideas for topics not being addressed by ongoing Biological Technologies Office (BTO) programs or other published solicitations. Proposed research should investigate leading edge approaches that enable revolutionary advances in science, technologies, or systems at the intersection of biology with engineering and the physical and computer sciences. **HR001117S0030**

BTO is interested in submissions related to the following areas:
• Discovering and leveraging novel findings from neuroscience, psychology, cognitive science, and related disciplines to advance treatment and resilience in neurological health and optimize human performance.
• Understanding and improving interfaces between the biological and physical world to enable seamless hybrid systems.
• Developing and leveraging fundamental understanding of the underlying design rules that govern the behavior of biological systems.
• Developing new tools and capabilities for forward engineering of biological systems, such as cells, tissues, organs, organisms, and complex communities, to both develop new products and functional systems, as well as to gain new insights into underlying mechanisms.
• Developing new platform technologies that integrate, automate, and miniaturize the collection, processing, and analysis of biological samples.
• Developing technologies that leverage ecological diversity and/or help support human operations in extreme environments (ocean, desert, space, etc.).

- Developing and validating new theories and computational models that identify factors and principles underlying collective and interactive behaviors of biological organisms at all scales from individual cells to global ecosystems.
- Understanding the dynamics of population and ecosystem behavior to preserve equilibrium, provide strategic opportunity, or avoid catastrophe.
- Developing and leveraging new technologies that can be applied to agricultural ecosystems for production stabilization, by improving quality or reducing losses from pathogens or pests.
- Developing and leveraging new insights into non-human biology across and between populations of microbes, insects, plants, marine life, and other non-human biologic entities.
- Developing new technologies and approaches that ensure biosafety, biosecurity, and protection of the bioeconomy.
- Understanding emerging threats to global food and water supplies and developing countermeasures that could be implemented on regional or global scales.
- Developing new technologies to treat, prevent, and predict the emergence and spread of infectious diseases that have the potential to cause significant health, economic, and social burden.
- Other biological technology topic areas that fit the national security scope of BTO's mission.

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293473*

HEALTH, LIFE & EARTH SCIENCES

Hearing Restoration Research Program (HRRP) Focused Research Award
U.S. Department of Defense (DOD) - Department of the Army - U.S. Army Medical Research and Materiel Command (USAMRMC) - United States Army Medical Research Acquisition Activity (USAMRAA)
Due Date: Pre-Applications 10/25/2017; Applications 11/15/2017

The FY17 HRRP FRA is intended to support functional hearing restoration research that develops and validates assessment techniques and treatment methods using patient-centric outcomes to identify potential predictive indicators for successful treatment of individuals living with functional auditory system deficits. The research in this area should result in refined diagnostic tools and improved evaluation of the effectiveness of therapeutic approaches. Applications involving multidisciplinary collaborations among academia, industry, the military Services, the VA, and other Federal Government agencies are highly encouraged. Under this award mechanism, research may support correlative or

observational studies that are associated with an ongoing or completed clinical trial. **W81XWH-17-HRRP-FRA**

To meet the intent of the HRRP, all applications to the FY17 HRRP FRA mechanism must address research in the following Focus Area:
Develop and validate assessment techniques and or treatment methods that address functional hearing restoration, including, for example:
- Personalized prognostic indicators of therapeutic success
- Better differential diagnostic tests
- Improved evaluation of treatment methods

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=297412*

Hearing Restoration Research Program (HRRP) Translational Research Award
U.S. Department of Defense (DOD) - Department of the Army - U.S. Army Medical Research and Materiel Command (USAMRMC) - United States Army Medical Research Acquisition Activity (USAMRAA)
Due Date: Pre-Applications 10/25/2017; Applications 11/15/2017

The FY17 HRRP TRA mechanism is being offered in this first year of the program to support preclinical translational research that will accelerate the movement of promising initiatives relevant to hearing restoration into clinical applications. The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of healthcare products, technologies, or practice guidelines. Observations that drive a research idea may be derived from a laboratory discovery, population-based studies, or a clinician’s first-hand knowledge of patients and anecdotal data. However, Principal Investigators (PIs) should not view translational research as a one-way continuum from bench to bedside. The research plan should involve a reciprocal flow of ideas and information between basic and clinical science. **W81XWH-17-HRRP-TRA**

To meet the intent of the HRRP, all applications to the FY17 HRRP FRA mechanism must address research in the following Focus Area:
Develop and validate assessment techniques and or treatment methods that address functional hearing restoration, including, for example:
- Personalized prognostic indicators of therapeutic success
- Better differential diagnostic tests
- Improved evaluation of treatment methods

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=297413*

Kansas Corn Commission Research/Education Opportunity
Kansas Corn Commission
Due Date: 11/3/2017

The Kansas Corn Commission is soliciting research and education Proposals for FY 2019. Proposals are due at the Commission by November 3, 2017. An individual may be listed as lead principal investigator on only one proposal, but may be a secondary principal investigator on multiple proposals. Please note that the following topics are of significant importance and Proposals identifying these topics are more likely to receive funding.

1. Value-Added Projects
2. Marketing Extension Program and Transportation
3. Production/Environmental Programs
4. Teacher Education

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

K-INBRE Partnership for Translational Research Training Award
Kansas IDeA Network of Biomedical Research Excellence (K-INBRE)
Due Date: 12/1/2017

Partnership awards are one-year awards offered for the purpose of facilitating the initiation of clinical/basic science research projects directed toward a translational goal. The awards are meant to support technical assistant salaries together with other research project requirements with the goal of exchanging information, data and technical expertise in a claose partnership arrangement. The K-INBRE expects to fund two proposals/year.

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

Agency for Healthcare Research and Quality (AHRQ)-sponsored National Research Service Award (NRSA)Individual Postdoctoral Fellowship (F32)
U.S. Dept. of Health & Human Services - Agency for Healthcare Research & Quality (AHRQ)
Due Date: 12/8/2017

The purpose of this individual postdoctoral research training fellowship is to enhance the research training of promising postdoctoral candidates who have the potential to become productive, independent investigators in health services research, with a research interest in areas and priorities

relevant to the mission of AHRQ. The AHRQ mission is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work with HHS and other partners to make sure that the evidence is understood and used. **PA-17-481**

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PA-17-481.html*

Partnerships for Countermeasures against Select Pathogens (R01)
National Institutes of Health (NIH) - National Institute of Allergy and Infectious Diseases (NIAID)
Due Date: Letters of Intent 12/12/2017; Applications 1/12/2018

The purpose of this Funding Opportunity Announcement (FOA) is to solicit research applications for milestone-driven projects focused on preclinical development of lead candidate therapeutics, vaccines and related countermeasures against select NIAID Emerging Infectious Diseases/Pathogens. Applications must include a Product Development Strategy attachment and demonstrate substantive investment by at least one industrial participant. **RFA-AI-17-026**

- **URL:** *https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-17-026.html*

NEW FACULTY / INVESTIGATOR

Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)
National Science Foundation (NSF)
Due Date: 10/18/2017

The purpose of the Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) is to support future leaders in mathematics and statistics by facilitating their participation in postdoctoral research environments that will have maximal impact on their future scientific development. There are two options for awardees: Research Fellowship and Research Instructorship. Awards will support research in areas of mathematics and statistics, including applications to other disciplines. **NSF 16-558** ***The Mathematical Sciences Postdoctoral Research Fellowships are awards to individuals, and applications are submitted directly by the applicant to the NSF. Fellows must affiliate with institutions or organizations***

- **URL:** *https://www.nsf.gov/pubs/2016/nsf16558/nsf16558.htm*

Young Faculty Award (YFA)

U.S. Department of Defense (DOD) - Defense Advanced Research Projects Agency (DARPA)

Due Date: 12/4/2017

The DARPA YFA program aims to identify and engage rising stars in junior faculty positions in academia and expose them to DoD and National Security challenges and needs. In particular, this YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs. **DARPA-RA-17-01**

Focus areas:

1. Designing Ungameably Complex Games
2. Topological Photonics
3. Artificial Intelligence for Materials Discovery
4. Transformative Radiation Sensing
5. Engineered Interactions with the Energy of the Vacuum
6. Novel Methods for Nonsurgical Brain Interfaces
7. Self-forming Chronic Central Nervous System (CNS) Neural Interfaces
8. The Minimal Plant: Engineering Plants for Easy Biosynthetic Pathway Design with High Modularity
9. Antifouling Solutions for Large, Nonplanar Optical Surfaces
10. Replicating Cell-Cell Information Transfer
11. Programmable DNA Repair for Improved Genome Editing Outcomes
12. Efficient Integrated Nanophotonics
13. Adversarial Artificial Intelligence (AI)
14. Developing Intelligent Sensors for Fentanyl and Related Toxins
15. High Quality Atomic Traps and Waveguides
16. Wideband Efficiency in Millimeter Wave Power Amplifiers
17. Materials and Actuator Innovation for Small Scale Mobility and Manipulation
18. Reducing Software Attack Surface through Compiler-Rewriter Cooperation
19. Computational Models of the Spread of False or Misleading Information
20. Big Data Summarization
21. Decentralized Control of Networked Unmanned Autonomous Systems
22. REsilience through COmposable Logistics (RECOiL)
23. Wide Area Sensing Using the Internet of Things
24. Tactical Terrain Analysis
26. Swarm Intent Understanding
25. Thermostructural Sensitivity to Uncertainties

- **URL:** *https://www.grants.gov/custom/viewOppDetails.jsp?oppId=297218*

Lewis and Clark Fund for Exploration and Field Research in Astrobiology
American Philosophical Society (APS)
Due Date: 2/1/2018

In 2006 the APS and the NASA Astrobiology Institute (NAI) partnered to promote the continued exploration of the world around us through a program of research grants in support of astrobiological field studies. The fund is open to field studies in any area of interest to astrobiology.
Astrobiology is the study of the origin, evolution, distribution, and future of life on Earth and in the universe. It encompasses research in, among others, the fields of astronomy, chemistry, evolutionary biology, field and population biology, geology, microbiology, molecular biology, oceanography, paleontology, and planetary science. Astrobiology includes investigations of the geologic and fossil record to understand the conditions of the early Earth when life arose. Its scope also includes research of contemporary locations on Earth that might be similar to early earth and to environments elsewhere in our Solar System (such as on Mars, Europa, and Titan), which may be, or have been in the past, suitable for life. Astrobiology is also about understanding the characteristics of life, which requires investigations into extreme natural environments on Earth and, eventually, elsewhere.

- **URL:** *https://amphilsoc.org/grants/astrobiology*

SOCIAL & BEHAVIORAL SCIENCES

Scholarship of Teaching and Learning (SoTL) Research Grant
American Psychological Association (APA) - Society for the Teaching of Psychology (STP), APA Division 2
Due Date: 10/30/2017

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

- **URL:** *http://teachpsych.org/page-1557800*

Post-Ph.D. Research Grants
Wenner-Gren Foundation for Anthropological Research, Inc.
Due Date: 11/1/2017, 5/1/2018

These grants are awarded to individuals to support individual research projects. The program contributes to the Foundation's overall mission to support basic research in anthropology and to ensure that the discipline continues to be a source of vibrant and significant work that furthers our understanding of humanity's cultural and biological origins, development, and variation.

The Foundation supports research that demonstrates a clear link to anthropological theory and debates, and promises to make a solid contribution to advancing these ideas. There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

- **URL:** *http://www.wennergren.org/programs/post-phd-research-grants*

STUDENTS

NASA Space Technology Research Fellowships
National Aeronautics and Space Administration (NASA) - Office of the Chief Technologist (OCT)
Due Date: Phase A Applications 11/2/2017

NASA's Space Technology Mission Directorate (STMD) seeks to sponsor U.S. citizen and permanent resident graduate student researchers who show significant potential to contribute to NASA's goal of creating innovative new space technologies for our Nation's science, exploration, and economic future. This call for graduate student fellowship applications, entitled NASA Space Technology Research Fellowships (NSTRF) - Fall 2018 (NSTRF18), solicits applications from individuals pursuing or planning to pursue master's (e.g., M.S.) or doctoral (e.g., Ph.D.) degrees in relevant space technology disciplines at accredited U.S. universities. NASA Space Technology Fellows will perform innovative space technology research and will improve America's technological competitiveness by providing the Nation with a pipeline of innovative space technologies. Selected applicants will perform research at their respective campuses and at NASA Centers. In addition to his or her faculty advisor, each Fellow will be matched with a technically relevant and community-engaged NASA researcher who will serve as the student's research collaborator. Through this collaboration, students will be able to take advantage of broader and/or deeper space technology research opportunities directly related to their educational and career objectives, acquire a more detailed understanding of the potential end applications of their space technology efforts, directly disseminate their research results within the NASA community, and enhance their understanding of the research process. The financial and programmatic support for NSTRF comes from STMD. The fellowships are a component of the Space Technology Research Grants Program. Awards are planned to coincide with the start of the 2018 academic year and are subject to the availability of appropriated funds. **NSTRF18**

- **URL:** *https://nspires.nasaprs.com/external/solicitations/summary!init.do?solId={CF8E9FD7-BD49-FEB7-F5C7-BB7ECBB559CC}&path=open*