Funding Opportunities Newsletter
Office of Sponsored Programs
Proposal Development
November 3, 2017

The Proposal Development unit within the Office of Sponsored Programs publishes this notice on a bi-weekly basis. If you are interested in any of the opportunities listed, and would like review/editing assistance with a proposal, please contact the Office of Sponsored Programs, 5-3357, osp@unlv.edu . However, for opportunities from foundations, please contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu. Please see the Proposal Development website, http://www.unlv.edu/research/proposal for a complete list of our office’s services. An archive of these newsletters can be found at http://www.unlv.edu/research/archives.

Announcements

Opportunities for Students

Announcements

Recent Limited Submissions announcements are as follows:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Opportunity Title</th>
<th>Deadline to Notify OSP*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAU</td>
<td>Faculty Travel Grants Program</td>
<td>Ongoing</td>
</tr>
<tr>
<td>ORAU</td>
<td>Ralph E. Powe Junior Faculty Enhancement Awards</td>
<td>November 17 (by 5 p.m.)</td>
</tr>
<tr>
<td>Graham Foundation for Advanced Studies in the Fine Arts</td>
<td>Grants to Organizations</td>
<td>November 17 (by 5 p.m.)</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>EPScoR Research Infrastructure Improvement Program: Track-2 Focused EPScoR Collaborations (RII Track-2 FEC)</td>
<td>November 3, 2017 (by noon)</td>
</tr>
<tr>
<td>DOE</td>
<td>Scientific Infrastructure Support for Consolidated Innovative Nuclear Research</td>
<td>November 3, 2017 (by 5 p.m.)</td>
</tr>
</tbody>
</table>

*Note: A pre-proposal is required upon notification to OSP of interest. Contact carol.brodie@unlv.edu for pre-proposal requirements.

Opportunities for Students

UNLV’s Office of Undergraduate Research (OUR) has information on their website about research and funding opportunities for undergraduate students. Check them out here: http://www.unlv.edu/our

The Office of Sponsored Programs maintains a list of financial resources for both graduate and undergraduate students: http://www.unlv.edu/research/financial-resources-graduate-and-undergraduate-students

United States - Israel Binational Agricultural Research and Development - Graduate Student Fellowship Program
http://www.bard-isus.com/
The Graduate Student Fellowship Program is designed to enable Ph.D. students in one country (the United States or Israel) to travel to the other country (Israel or the United States) in order to acquire new skills and techniques in their field of study. The exchange will promote collaboration between scientists of both countries and expose the student to the ongoing research in the other country in the area of his/her present and future research.
Deadline: January 15, 2018
University of Arizona, Center for Creative Photography - Ansel Adams Research Fellowship
http://ccp.arizona.edu/study-research/fellowships-internships/ansel-adams-research-fellowship-0
The Center for Creative Photography invites proposals for the Ansel Adams Research Fellowship. This program is designed to promote and support research in the Center’s photograph, archive, and library collections. Among the Center's treasures are the complete archives of more than forty major photographers including Ansel Adams, Edward Weston, Wynn Bullock, Aaron Siskind, Frederick Sommer, Louise Dahl-Wolfe, W. Eugene Smith, and Garry Winogrand. The goal is to promote new knowledge about photography, photographic history, and photographic theory. Through the Center’s support of scholars, training of students, and dissemination of new scholarship, the Center for Creative Photography works to ensure the growth of photographic history as a discrete field in intellectual history. Fellowship applications are evaluated within this context. Advanced scholars and researchers from any discipline are encouraged to apply. Pre-doctoral applicants must have completed coursework and preliminary examinations for the doctoral degree and must be engaged in dissertation research
Deadline: January 16, 2018

Elon University - Pre- and Post-Doctoral Fellowships for Developing Teacher-Scholars from Diverse Backgrounds
https://researchfunding.duke.edu/pre-and-post-doctoral-fellowships-developing-teacher-scholars-diverse-backgrounds
Pre-Doctoral and Post-Doctoral fellowships are available for teacher-scholars who have completed all requirements for the Ph.D. except the dissertation or who have recently completed a PhD or MFA. Available for one year with the possibility of a second year renewal, fellowships are open to United States citizens or permanent residents from diverse backgrounds who are interested in working in a student and learning centered liberal arts environment.
Deadline: November 3, 2017

Leakey Foundation - General Research Grants (to support research into human origins)
https://leakeyfoundation.org/grants/research-grants/
The Leakey Foundation exclusively funds research related specifically to human origins. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation. The majority of The Leakey Foundation’s Research Grants awarded to doctoral students are in the $3,000-$15,000 range. Larger grants given to senior scientists and post-doctoral students may be funded up to $25,000.
Deadlines: January 10; July 15

Association for Institutional Research - ACCESS GROUP/AIR DISSERTATION FELLOWS PROGRAM
https://www.airweb.org/GrantsAndScholarships/Pages/AccessLexInstitute.aspx
This research and dissertation fellows program is a partnership between the AccessLex Institute and the Association for Institutional Research (AIR). The program is a grant competition promoting scholarship on issues related to access, affordability and value of legal education specifically, and graduate and professional education more broadly. Preference is given to proposals that utilize regional, national, or multi-institutional datasets, although research that focuses on a single institution is acceptable. Preference is also given to proposals that specifically address legal education; however, proposals that study access, affordability and value of graduate and professional education more generally are also encouraged. Researchers may analyze pre-existing data or include the construction of a new dataset in their proposal. Membership to AccessLex Institute or AIR is not required for grant eligibility.
- $25,000 Doctoral Grants: Dissertation grants of up to $25,000 are available to doctoral students to support dissertation research and writing under the guidance of a faculty dissertation advisor.
Deadline: November 30, 2017

American Association for the Advancement of Science - Mass Media Science and Engineering Fellowships
https://www.aaas.org/program/aaas-mass-media-science-engineering-fellows-program
This highly competitive program strengthens the connections between scientists and journalists by placing advanced undergraduate, graduate, and post-graduate level scientists, engineers and mathematicians at media organizations nationwide. Fellows have worked as reporters, editors, researchers, and production assistants at such media outlets as the Los Angeles Times, National Public Radio, The Washington Post, WIRED, and Scientific
American. The Mass Media Fellows use their academic training in the sciences as they research, write and report today's headlines, sharpening their abilities to communicate complex scientific issues to non-specialists. Participants come in knowing the importance of translating their work for the public, but they leave with the tools and the know-how to accomplish this important goal.

**Deadline: January 15, 2018**

**Boston College - African and African Diaspora Studies (AADS) Dissertation Fellowship**
http://www.bc.edu/schools/cas/aads/resources/dissfellowship.html
Boston College’s African & African Diaspora Studies Program (AADS) announces its dissertation fellowship competition. Scholars working in any discipline in the Social Sciences or Humanities, with projects focusing on any topic within African and/or African Diaspora Studies, are eligible to apply. We seek applicants pursuing innovative, preferably interdisciplinary, projects in dialogue with critical issues and trends within the field. The fellow will have full access to BC’s seven libraries as well as several rare book and manuscript collections.

**Deadline: January 16, 2018**

**American Educational Research Association - Dissertation Grants**
http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Grants-Program/Dissertation-Grants
With support from the National Science Foundation (NSF), the AERA Grants Program announces its Dissertation Grants competition. 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.

**Deadline: January 17, 2018**

**Arts and the Humanities**

**University of Arizona, Center for Creative Photography - Ansel Adams Research Fellowship**
http://ccp.arizona.edu/study-research/fellowships-internships/ansel-adams-research-fellowship-0
The Center for Creative Photography invites proposals for the Ansel Adams Research Fellowship. This program is designed to promote and support research in the Center's photograph, archive, and library collections. Among the Center's treasures are the complete archives of more than forty major photographers including Ansel Adams, Edward Weston, Wynn Bullock, Aaron Siskind, Frederick Sommer, Louise Dahl-Wolfe, W. Eugene Smith, and Garry Winogrand. The goal is to promote new knowledge about photography, photographic history, and photographic theory. Through the Center’s support of scholars, training of students, and dissemination of new scholarship, the Center for Creative Photography works to ensure the growth of photographic history as a discrete field in intellectual history. Fellowship applications are evaluated within this context. Advanced scholars and researchers from any discipline are encouraged to apply.

**Deadline: January 16, 2018**

**National Endowment for the Humanities - Digital Humanities Advancement Grants**
https://www.neh.gov/grants/odh/digital-humanities-advancement-grants
Digital Humanities Advancement Grants (DHAG) support digital projects throughout their lifecycles, from early start-up phases through implementation and long-term sustainability. Experimentation, reuse, and extensibility are hallmarks of this grant category, leading to innovative work that can scale to enhance research, teaching, and public programming in the humanities. Digital Humanities Advancement Grants may involve:

- creating or enhancing experimental, computationally-based methods or techniques that contribute to the humanities;
- pursuing scholarship that examines the history, criticism, and philosophy of digital culture and its impact on society, or explores the philosophical or practical implications and impact of digital humanities in specific fields or disciplines; or
- revitalizing and/or recovering existing digital projects that promise to contribute substantively to scholarship, teaching, or public knowledge of the humanities.

**Deadline: January 16, 2018**
Pollock-Krasner Foundation – Grants for Visual Artists
http://pkf.org/our-grants/
The Foundation welcomes, throughout the year, applications from visual artists who are painters, sculptors and artists who work on paper, including printmakers. There are no deadlines. The Foundation encourages applications from artists who have genuine financial needs that are not necessarily catastrophic. Grants are intended for a one-year period of time. The Foundation will consider need on the part of an applicant for all legitimate expenditures relating to his or her professional work and personal living, including medical expenses. The size of the grant is determined by the individual circumstances of the artist. Professional exhibition history will be taken into consideration. Artists must be actively exhibiting their current work in professional artistic venues, such as gallery and museum spaces.
Deadline: Rolling

American Antiquarian Society - National Endowment for the Humanities Long-Term Fellowships
http://www.americanantiquarian.org/nehfellowship.htm
The National Endowment for the Humanities, which funds long-term (four to twelve months) postdoctoral fellowships at AAS, has established the guidelines for applicants. NEH fellowships are for persons who have already completed their formal professional training. Degree candidates and persons seeking support for work in pursuit of a degree are not eligible to hold AAS-NEH fellowships. Foreign nationals who have been residents in the United States for at least three years immediately preceding the application deadline for the fellowship are eligible. Preference will be given to individuals who have not held long-term fellowships during the three years preceding the period for which the application is being made.
Deadline: January 15, 2018

Smithsonian Institution - Baird Society Resident Scholar Program
http://library.si.edu/fellowships/baird-society-resident-scholar-program
The Baird Society Resident Scholar Program was established to support the study of some of SI Libraries’ most unique and valuable holdings - its Special Collections. Stipends of $3,500 per month for up to six months are available for individuals working on a topic relating to these collections. Historians, librarians, doctoral students, and post-doctoral scholars are welcome to apply. Scholars must be in residence at the Smithsonian during the award period. While the Libraries’ extensive general collections may be used to support scholars’ research, the focus of their projects must center around Special Collections. These collections are located in Washington, DC and New York City, and include:
Deadline: January 15, 2018

Massachusetts Historical Society - Research Fellowships
http://www.masshist.org/research/fellowships
The Massachusetts Historical Society offers to scholars who need to use its library and archival collections. The research projects that the MHS supports through its fellowship programs produce cutting-edge historical scholarship. In addition, the MHS facilitates the visits of scholars in residence at the MHS through the support of other funding agencies.

- **MHS Short-term Fellowships**: The MHS awards approximately 20 short-term fellowships annually, each of which provides a stipend for four weeks of research at the Society. Several of these fellowships are for research in specific topics or collections. The stipend is $2,000. Awards are open to advanced graduate students as well as scholars who have completed their professional training. Deadline: March 1, 2018
- **Suzanne and Caleb Loring Fellowship**: Each year, the MHS and the Bostonian Athenaeum offer one Suzanne and Caleb Loring Fellowship on the Civil War, Its Origins, and Consequences, which carries a stipend of $4,000. The recipient will conduct research for at least four weeks at each institution. Deadline: February 15, 2018.
- **New England Regional Fellowship Consortium**: This collaboration of 21 major cultural agencies, which includes the MHS, awards approximately fifteen fellowships annually, each of which carries a stipend of $5,000. Each recipient will conduct research for a total of eight weeks or more at three or more participating institutions. Deadline: February 1, 2018.
- **MHS-NEH Long-term Fellowships**: The MHS awards at least two long-term MHS-NEH fellowships annually, for a minimum of four months and a maximum of 12 months. The NEH stipend is $4,200 per month in 2015. The MHS provides a supplement to assist with professional and housing expenses.
Applicants must have completed their professional training and be U.S. citizens or foreign nationals who have lived in the United States for at least three years immediately preceding the application deadline.

**Deadline:** January 15, 2018

**Samuel H. Kress Foundation - History of Art Grants Program**

http://www.kressfoundation.org/grants/history_of_art/

The History of Art program supports scholarly projects that will enhance the appreciation and understanding of European art and architecture. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, museum exhibitions and publications, photographic campaigns, scholarly catalogues and publications, and technical and scientific studies.

Grants are also awarded for activities that permit art historians to share their expertise through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, and other professional events.

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu

**Deadlines:** January 15, April 1, and October 1

---

**Education, Business and Social Sciences**

**National Institutes of Health - Literacy in Dual Language Learners (R01, R21)**


The purpose of this FOA is to support investigator-initiated R01 applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations.

Although the above link is for the R01 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, PA-18-328, which uses the R21 grant mechanism.

**Deadlines:**

R01 Due Dates: February 5, June 5, October 5

R21 Due Dates: February 16, June 16, October 16

**National Institutes of Health - Typical and Atypical Patterns of Language & Literacy in Dual Language Learners (R01, R21)**


The purpose of this FOA is to support investigator-initiated R01 applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations.

Although the above link is for the R01 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, PA-18-328, which uses the R21 grant mechanism.

**Deadlines:**

R01 Due Dates: February 5, June 5, October 5

R21 Due Dates: February 16, June 16, October 16

**Leakey Foundation - General Research Grants (to support research into human origins)**

https://leakeyfoundation.org/grants/research-grants/

The Leakey Foundation exclusively funds research related specifically to human origins. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation. The majority of The Leakey Foundation’s Research Grants awarded to doctoral students are in the $3,000-$15,000 range. Larger grants given to senior scientists and post-doctoral students may be funded up to $25,000.

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu

**Deadlines:**

January 10; July 15
Association for Institutional Research - ACCESS GROUP/AIR RESEARCH AND DISSERTATION FELLOWS PROGRAM
https://www.airweb.org/GrantsAndScholarships/Pages/AccessLexInstitute.aspx
This research and dissertation fellows program is a partnership between the AccessLex Institute and the Association for Institutional Research (AIR). The program is a grant competition promoting scholarship on issues related to access, affordability and value of legal education specifically, and graduate and professional education more broadly. Preference is given to proposals that utilize regional, national, or multi-institutional datasets, although research that focuses on a single institution is acceptable. Preference is also given to proposals that specifically address legal education; however, proposals that study access, affordability and value of graduate and professional education more generally are also encouraged. Researchers may analyze pre-existing data or include the construction of a new dataset in their proposal. Membership to AccessLex Institute or AIR is not required for grant eligibility. Two levels of grants are available to support year-long research projects for recipients affiliated with a non-profit U.S. postsecondary institution or relevant higher and legal education organization.

- **$50,000 Research Grants**: Research grants of up $50,000 are available to faculty, practitioners, and scholars.
- **$25,000 Doctoral Grants**: Dissertation grants of up to $25,000 are available to doctoral students to support dissertation research and writing under the guidance of a faculty dissertation advisor.

**Deadline**: November 30, 2017

Samuel Rubin Foundation – Grants on Social, Economic, Political, Civil and Cultural Rights
http://samuelrubinfoundation.org/application-guidelines/
The Samuel Rubin Foundation makes small grants that meet its mission of the pursuit of peace and justice and the search for an equitable reallocation of the world’s resources. The Foundation believes that these objectives can be achieved only through the fullest implementation of social, economic, political, civil and cultural rights for all the world’s people.

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu

**Deadlines**: January 3, 2018; May 2, 2018

National Science Foundation - Dynamics of Coupled Natural and Human Systems (CHN)
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13681
The Dynamics of Coupled Natural and Human Systems (CNH) Program supports interdisciplinary research that examines human and natural system processes and the complex interactions among human and natural systems at diverse scales. Research projects to be supported by CNH must include analyses of four different components: (1) the dynamics of a natural system; (2) the dynamics of a human system; (3) the processes through which the natural system affects the human system; and (4) the processes through which the human system affects the natural system. CNH also supports research coordination networks (CNH-RCNs) designed to facilitate activities that promote future research by broad research communities that will include all four components necessary for CNH funding.

**Deadline**: January 23, 2018

National Science Foundation - International Research Experiences for Students (IRES)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12831
The International Research Experiences for Students (IRES) program supports international research and research-related activities for U.S. science and engineering students. The IRES program contributes to development of a diverse, globally-engaged workforce with world-class skills. IRES focuses on active research participation by undergraduate or graduate students in high quality international research, education and professional development experiences in NSF-funded research areas. The overarching, long-term goal of the IRES program is to enhance U.S. leadership in research and education and to strengthen economic competitiveness through training the next generation of research leaders. This solicitation features three mechanisms:

1. **IRES - Track I: IRES Sites (IS)** projects engage a group of undergraduate and/or graduate students in active high quality collaborative research at an international site with mentorship from researchers at a host lab. IRES Sites must be organized around a coherent intellectual theme that may involve a single discipline or multiple disciplines funded by NSF.
2. **IRES - Track II: Advanced Studies Institutes (ASI)** are intensive short courses with related activities that engage advanced graduate students in active learning and research at the frontiers of knowledge. ASIs
typically range in length from ten to twenty-one days and must be held outside the United States. ASIs must have a compelling rationale for their international location and should involve distinguished active researchers in the target field from the U.S. and abroad. ASIs should enable students to develop skills and broaden professional networks, leveraging international participation and complementary resources (expertise, facilities, data, field site, etc.) for mutual benefit.

(3) IRES - Track III: New Concepts in International Graduate Experience (IGE) projects propose, implement, and evaluate creative ideas for catalyzing the development of globally engaged U.S. scientists and engineers at the graduate student level. The IGE IRES track invites professional societies and organizations in the U.S. directly associated with science and engineering education or research activities to propose innovative large-scale programs to provide high-quality international research and/or research-related professional development experiences for U.S. graduate students as individuals or groups. The proposed experiences should enhance transferable skills and expand professional networks.

Deadlines:
Track - I: IRES Sites - January 30, 2018, September 11, 2018
Track - II: Advanced Studies Institutes - February 6, 2018, September 18, 2018
Track - III: New Concepts in International Graduate Experience - February 13, 2018, September 25, 2018

State Justice Institute - Project Grant
http://www.sji.gov/grants/project-grants/
Project Grants are the centerpiece of SJI’s efforts to improve the administration of justice in state courts nationwide. Project Grants are intended to support innovative education and training, demonstration, and technical assistance projects that can improve the administration of justice in State courts locally or nationwide. SJI is interested in funding both innovative programs and programs of proven merit that can be replicated in other jurisdictions. SJI is especially interested in funding projects that:
- Formulate new procedures and techniques, or creatively enhance existing procedures and techniques;
- Address aspects of the state judicial systems that are in special need of serious attention;
- Have national significance by developing products, services, and techniques that may be used in other states; and;
- Create and disseminate products that effectively transfer the information and ideas developed to relevant audiences in state and local judicial systems, or provide technical assistance to facilitate the adaptation of effective programs and procedures in other state and local jurisdictions.

Deadline: February 1, 2018

National Park Service - Preservation Technology and Training (PTT) Grants
https://www.grants.gov/custom/viewOppDetails.jsp?oppId=298228
2018 Preservation Technology and Training Grants (PTT Grants) are intended to create better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. The PTT Grants are administered by the National Center for Preservation Technology and Training (NCPTT), the National Park Service’s innovation center for the preservation community. PTT Grants will support the following activities:
- Innovative research that develops new technologies or adapts existing technologies to preserve cultural resources (typically $25,000 to $40,000)
- Specialized workshops or symposia that identify and address national preservation needs (typically $15,000 to $25,000)
- How-to videos, mobile applications, podcasts, best practices publications, or webinars that disseminate practical preservation methods or provide better tools for preservation practice (typically $5,000 to $15,000)

Deadline: January 4, 2018

American Educational Research Association - Research Grants
http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Grants-Program/Research-Grants
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
- 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 postsecondary education.

Deadline: January 17, 2018

**Science, Mathematics and Engineering**

**Department of Defense - Deployed War Fighter Protection Program Announcement**
https://www.fbo.gov/index?s=opportunity&mode=form&id=aad6acc084f0cb09e5c7ca160dd2e40e&tab=core&_view=1

The US Army Contracting Command, Aberdeen Proving Ground Natick Contracting Division, Fort Detrick is soliciting pre-proposals for original, innovative research designed to develop new interventions for protection of deployed military personnel from diseases caused by arthropod-borne pathogens. Diseases of significant concern include malaria, dengue virus, Zika virus, chikungunya virus and other arboviruses, and Lyme disease. The program supports development of: (1) new toxicants or the adaptation of existing toxicants to relevant vectors; (2) new insecticide application techniques; and (3) new personal protection tools that prevent human-vector contact. Ideally the research would support the development, evaluation and registration of new insecticides, or improved formulations of existing insecticides for vector control, new technology or enhanced modalities of personal protection from biting arthropods, or would improve the efficacy and sustainability of equipment for application of pesticides for vector control in a military operational environment. Research should be product oriented, consisting of applied research related to a particular product, field evaluation of products for military uses, or research directed towards the development of an existing product for commercial manufacture. Research should not include advanced product development, to include modifying existing product for new use. The research must be primarily applicable to the military, but products should be transferable to civilian uses. The FY18 DWFP Program does not support the following research: topical repellents, treated fabrics, surveillance tools (including arthropod traps), UAV and drone technologies, and mosquito larvicides.

Deadline for pre-proposals: December 11, 2017

**Agilent - Early Career Professor Award**

The purpose of the Agilent Early Career Professor Award is to:

- Promote and encourage excellent research enabling measurements of importance to Agilent Technologies and the world.
- Establish strong collaborative relationships between Agilent researchers and leading professors early in their career

The 2018 focus is: contributions to the development and advancement of techniques and approaches for the study of the human microbiome, microbiome-host interactions and interaction between individual microbiome components.

Nomination deadline: February 28, 2018

**United States - Israel Binational Agricultural Research and Development - Senior Research Fellowship**
http://www.bard-isus.com/

The program objective is to promote joint agricultural research or other scientific activities of high quality between established scientists from the United States and their Israeli counterparts.

Deadline: January 15, 2018
National Science Foundation - Research Coordination Networks in Undergraduate Biology Education (RCN-UBE)
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505495
The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training, and educational activities across disciplinary, organizational, geographic, and international boundaries. The RCN-UBE program seeks to improve undergraduate biology in different areas by leveraging the power of a collaborative network. The theme or focus of an RCN-UBE proposal can be on any topic likely to advance the goal of enhancing undergraduate biology education. Collectively, the program has contributed to developing and disseminating educational research resources and modules, to forging of new collaborations, and to sharing of best practices and ideas for scalability and sustainability of activities. These efforts have involved a large cadre of faculty, students, and other stakeholders. Proposed networking activities directed to the RCN-UBE program should focus on a theme to give coherence to the collaboration.
Deadline: January 30, 2018

National Science Foundation - Dynamics of Coupled Natural and Human Systems (CHN)
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13681
The Dynamics of Coupled Natural and Human Systems (CHN) Program supports interdisciplinary research that examines human and natural system processes and the complex interactions among human and natural systems at diverse scales. Research projects to be supported by CHN must include analyses of four different components: (1) the dynamics of a natural system; (2) the dynamics of a human system; (3) the processes through which the natural system affects the human system; and (4) the processes through which the human system affects the natural system. CHN also supports research coordination networks (CHN-RCNs) designed to facilitate activities that promote future research by broad research communities that will include all four components necessary for CHN funding.
Deadline: January 23, 2018

National Science Foundation - Dear Colleague Letter: Joint NSF/ENG and AFOSR Funding Opportunity: Supporting Fundamental Research in the Quantitative Representation of Microstructures (QRM)
The Division of Civil, Mechanical and Manufacturing Innovation (CMMI) of the Engineering Directorate of the National Science Foundation, in collaboration with the Air Force Office of Scientific Research (AFOSR), seeks research proposals for multidisciplinary teams with the potential to transform fundamental understanding of structural Materials through the Quantitative Representation of Microstructures. This letter serves as a call for proposals to address fundamental scientific questions related to Materials microstructure, properties and performance through the development of tools for the Quantitative Representation of Microstructures. NSF’s and AFOSR’s interest lies in innovative research projects which bring together members of the Materials Science and Engineering community with experts in computation and visualization, to address the challenges associated with accurate quantification and representation of the microstructures of Engineering Materials.
Deadlines: January 24, 2018; September 17, 2018

National Science Foundation - Campus Cyberinfrastructure (CC*)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504748
The Campus Cyberinfrastructure (CC*) program invests in coordinated campus-level networking improvements, innovation, integration, and engineering for science applications and distributed research projects. Learning and workforce development (LWD) in cyberinfrastructure is explicitly addressed in the program. CC* awards will be supported in four program areas:
(1) Data Driven Networking Infrastructure for the Campus and Researcher awards will be supported at up to $500,000 total for up to 2 years;
(2) Network Design and Implementation for Small Institutions awards will be supported at up to $750,000 total for up to 2 years;
(3) Network Integration and Applied Innovation awards will be supported at up to $1,000,000 total for up to 2 years; and
(4) Network Performance Engineering and Outreach awards will be supported at up to $3,500,000 total for up to 4 years.
Deadline: January 30, 2018
The International Research Experiences for Students (IRES) program supports international research and research-related activities for U.S. science and engineering students. The IRES program contributes to development of a diverse, globally-engaged workforce with world-class skills. IRES focuses on active research participation by undergraduate or graduate students in high quality international research, education and professional development experiences in NSF-funded research areas. The overarching, long-term goal of the IRES program is to enhance U.S. leadership in research and education and to strengthen economic competitiveness through training the next generation of research leaders. This solicitation features three mechanisms:

(1) **IRES - Track I: IRES Sites (IS)** projects engage a group of undergraduate and/or graduate students in active high quality collaborative research at an international site with mentorship from researchers at a host lab. IRES Sites must be organized around a coherent intellectual theme that may involve a single discipline or multiple disciplines funded by NSF.

(2) **IRES - Track II: Advanced Studies Institutes (ASI)** are intensive short courses with related activities that engage advanced graduate students in active learning and research at the frontiers of knowledge. ASIs typically range in length from ten to twenty-one days and must be held outside the United States. ASIs must have a compelling rationale for their international location and should involve distinguished active researchers in the target field from the U.S. and abroad. ASIs should enable students to develop skills and broaden professional networks, leveraging international participation and complementary resources (expertise, facilities, data, field site, etc.) for mutual benefit.

(3) **IRES - Track III: New Concepts in International Graduate Experience (IGE)** projects propose, implement, and evaluate creative ideas for catalyzing the development of globally engaged U.S. scientists and engineers at the graduate student level. The IGE IRES track invites professional societies and organizations in the U.S. directly associated with science and engineering education or research activities to propose innovative large-scale programs to provide high-quality international research and/or research-related professional development experiences for U.S. graduate students as individuals or groups. The proposed experiences should enhance transferable skills and expand professional networks.

**Deadlines:**
- Track - I: IRES Sites - **January 30, 2018, September 11, 2018**
- Track-II: Advanced Studies Institutes - **February 6, 2018, September 18, 2018**
- Track - III: New Concepts in International Graduate Experience - **February 13, 2018, September 25, 2018**

The Division of Integrative Organismal Systems (IOS) continues to support the Enabling Discovery through GEnomic Tools (EDGE) program, previously a component of the IOS Core Programs solicitation (NSF 16-505). EDGE is designed to provide support for research addressing current impediments to research progress in organismal biology. EDGE projects should focus on development of functional genomic tools, approaches, and associated infrastructure to enable direct tests of hypotheses about gene function in diverse organisms for which such tools and infrastructure are presently unavailable.

**Deadline:** **February 1, 2018**

This FOA issued by AHRQ invites grant applications for funding to conduct exploratory and developmental research grants (R21) for projects in the early and conceptual stages of development that will contribute to the evidence base of how health information technology (IT) improves health care quality and outcomes.

**Deadlines:** **February 16, June 16, October 16**

The purpose of this FOA is to encourage submission of Exploratory/Developmental Bioengineering Research Grants (EBRG) applications which establish the feasibility of technologies, techniques or methods that: 1) explore a new
multidisciplinary approach to a biomedical challenge; 2) are high-risk but have high impact; and 3) develop data that may lead to significant future research. An EBRG application may propose hypothesis-driven, discovery-driven, developmental, or design-directed research and is appropriate for evaluating unproven approaches for which there is minimal or no preliminary data.

**Deadlines:** February 16, June 16, October 16
**AIDS Projects:** January 7, May 7, September 7

**National Institutes of Health - Harnessing Big Data to Halt HIV (R01)**

The purpose of this Funding Opportunity Announcement (FOA) is to promote research that transforms understanding of HIV transmission, the HIV care continuum, and HIV comorbidities using Big Data Science (BDS). These approaches should include projects to assemble big data sources, conduct robust and reproducible analyses, and create meaningful visualization of big data.

**Deadlines:** January 7, May 7, September 7

**Orthopaedic Research and Education Foundation - Total Joint Replacement Grant in Honor of Dr. Jorge O. Galante, MD**

OREF encourages investigator-initiated research proposals focused on total joint replacement. Areas of research focus may include: New surgical techniques, devices, joint implant designs, joint implant materials, or the biology of disease and repair. OREF strongly encourages the submission of well-crafted basic, translational and clinical studies. Clinical relevance must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects should generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

**Deadline for Letters of Intent:** November 13, 2017

**NineSigma - Technology Suitable for the Recycling of NaNO3**
[https://ninesights.ninesigma.com/projects/-/rfp-portlet/rfpViewer/3565](https://ninesights.ninesigma.com/projects/-/rfp-portlet/rfpViewer/3565)

NineSigma, representing a chemical company, invites proposals for a technical process to recycle an aqueous NaNO3 solution, allowing to re-use HNO3 and preferably also NaOH. A lab-scale process to decompose NaNO3 into Na2O and NOx has been developed but there remains the task to engineer a suitable technology/reactor that can deal with and withstand the corrosive chemicals at the required temperatures. An engineering or technical solution ensuring sufficient throughput with a high decomposition yield is needed. However, the proposals do not have to be limited to technologies for thermal decomposition. Other pathways allowing to recycle HNO3 and preferably NaOH are in-scope.

**Deadline:** November 17, 2017

**Whitehall Foundation - Basic Biological Research Grants and Grants-in-Aid**

**Research Grants:** Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant. Research grants of up to three years will be provided. A renewal grant with a maximum of two years is possible, but it will be awarded on a competitive basis. Research grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose. Research grants normally range from $30,000 to $75,000 per year.

**Grants-in-Aid:** The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists. All applications will be judged on the scientific merit and innovative aspects of the proposal, as well as on past performance and evidence of the applicant’s continued productivity. Grants-in-Aid are awarded for a one-year period and do not exceed $30,000.

**If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu**

**Deadlines for Letter of Intent:** January 15, April 15, October 1
Medical/Health/Behavioral Sciences

Department of Defense - Deployed War Fighter Protection Program Announcement
https://www.fbo.gov/index?s=opportunity&mode=form&id=aad6acc084f0cb09e5c7ca160dd2e40e&tab=core&_cview=1

The US Army Contracting Command, Aberdeen Proving Ground Natick Contracting Division, Fort Detrick is soliciting pre-proposals for original, innovative research designed to develop new interventions for protection of deployed military personnel from diseases caused by arthropod-borne pathogens. Diseases of significant concern include malaria, dengue virus, Zika virus, chikungunya virus and other arboviruses, and Lyme disease. The program supports development of: (1) new toxicants or the adaptation of existing toxicants to relevant vectors; (2) new insecticide application techniques; and (3) new personal protection tools that prevent human-vector contact. Ideally the research would support the development, evaluation and registration of new insecticides, or improved formulations of existing insecticides for vector control, new technology or enhanced modalities of personal protection from biting arthropods, or would improve the efficacy and sustainability of equipment for application of pesticides for vector control in a military operational environment. Research should be product oriented, consisting of applied research related to a particular product, field evaluation of products for military uses, or research directed towards the development of an existing product for commercial manufacture. Research should not include advanced product development, to include modifying existing product for new use. The research must be primarily applicable to the military, but products should be transferable to civilian uses. The FY18 DWFP Program does not support the following research: topical repellents, treated fabrics, surveillance tools (including arthropod traps), UAV and drone technologies, and mosquito larvicides.

Deadline for pre-proposals: December 11, 2017

National Institutes of Health, AHRQ -- Health Information Technology (IT) to Improve Health Care Quality and Outcomes (R21)

This FOA issued by AHRQ invites grant applications for funding to conduct exploratory and developmental research grants (R21) for projects in the early and conceptual stages of development that will contribute to the evidence base of how health information technology (IT) improves health care quality and outcomes.

Deadlines: February 16, June 16, October 16

National Institutes of Health Small Grants for Secondary Analyses of Existing Data Sets and Stored Biospecimens (R03)

This Funding Opportunity Announcement (FOA) encourages applications that propose to conduct secondary analyses of publicly available NICHD-funded data sets or stored biospecimens. The goal of this program is to facilitate innovative yet cost-effective research utilizing data and biospecimens collected with NICHD resources.

Deadlines: February 15, June 16, October 16

AIDS Projects: January 7, May 7, September 7

National Institutes of Health - Drug Discovery for Nervous System Disorders (R01, R21)

This Funding Opportunity Announcement (FOA) encourages research grant applications directed toward the discovery and preclinical testing of novel compounds for the prevention and treatment of nervous system disorders. The above link utilizes the R01 grant mechanism and runs in parallel with an FOA of identical scientific scope, PAR-16-042, that encourages applications under the Exploratory/Development (R21) award mechanism.

Deadlines:
R01 Due Dates: February 5, June 5, October 5
R21 Due Dates: February 16, June 16, October 16
AIDS Projects: January 7, May 7, September 7

National Institutes of Health - Exploratory/Developmental Bioengineering Research Grants (EBRG) (R21)
The purpose of this FOA is to encourage submission of Exploratory/Developmental Bioengineering Research Grants (EBRG) applications which establish the feasibility of technologies, techniques or methods that: 1) explore a new multidisciplinary approach to a biomedical challenge; 2) are high-risk but have high impact; and 3) develop data that may lead to significant future research. An EBRG application may propose hypothesis-driven, discovery-driven, developmental, or design-directed research and is appropriate for evaluating unproven approaches for which there is minimal or no preliminary data.

**Deadlines:** February 16, June 16, October 16
**AIDS Projects:** January 7, May 7, September 7

**National Institutes of Health - Harnessing Big Data to Halt HIV (R01)**

The purpose of this Funding Opportunity Announcement (FOA) is to promote research that transforms understanding of HIV transmission, the HIV care continuum, and HIV comorbidities using Big Data Science (BDS). These approaches should include projects to assemble big data sources, conduct robust and reproducible analyses, and create meaningful visualization of big data.

**Deadlines:** January 7, May 7, September 7

**Orthopaedic Research and Education Foundation - OREF Total Joint Replacement Grant in Honor of Dr. Jorge O. Galante, MD**
http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants/oref-total-joint-replacement-grant

OREF encourages investigator-initiated research proposals focused on total joint replacement. Areas of research focus may include: New surgical techniques, devices, joint implant designs, joint implant materials, or the biology of disease and repair. OREF strongly encourages the submission of well-crafted basic, translational and clinical studies. Clinical relevance must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects should generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

**Deadline for Letters of Intent:** November 13, 2017

**Orthopaedic Research and Education Foundation - Soft Tissue Repair and Regeneration Sports Medicine Grant**
http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants/softtissue

This funding opportunity solicits investigator-initiated multidisciplinary research proposals focused on the development of new cell and tissue-based strategies to prevent, repair, regenerate, or replace injured musculoskeletal tissues.

**Deadline for Letters of Intent:** November 13, 2017

**Orthopaedic Research and Education Foundation - Innovative and Accelerated Protocols For Rehabilitation of Orthopedic Injuries Research Grant**

The Orthopaedic Research and Education Foundation and The Aircast Foundation (TAF) solicit investigator-initiated research proposals focused on Innovative and accelerated protocols for rehabilitation of orthopedic injuries. OREF strongly encourages the submission of well-crafted basic, translational and clinical studies. Clinical relevance must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are should generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding.

**Deadline for Letters of Intent:** November 13, 2017

**Leukemia Research Foundation, Hollis Brownstein Research Grants Program -- New Investigator Research Grants**
https://www.allbloodcancers.org/hollis-brownstein-research-grants

The Leukemia Research Foundation exclusively funds New Investigators - individuals beginning to establish their own laboratories that are no longer under the tutelage of a senior scientist mentor. It is difficult for them to get the level of funding they need at this
critical point in their careers. Providing one year grants of $100,000 to selected New Investigator researchers allows innovative scientists to act on their ideas, and try new procedures and experiments that will hopefully lead to significant breakthroughs.

**Deadlines:**
Letter of Intent: **February 1, 2018**
Invited Full Proposal: **March 15, 2018**

**California Table Grape Commission - Health Research Grant Program**

Over 15 years ago, California’s fresh grape growers established a health research grant program to help discover how and why grapes are beneficial to health. Each fall, Letters of Intent are solicited from the research community. These are reviewed and finalists are invited to submit full proposals. The commission’s scientific advisory panel of distinguished researchers conducts the rigorous grant review and selection. The grape research has covered a wide range of health topics including heart, joint, brain, and eye health, as well as certain cancers. Grape research is conducted using a freeze-dried whole grape powder, designed to facilitate reproducible data and to provide researchers with a grape sample that is available year round. For human studies, a grape powder placebo is made available.

**Deadline for submission of Letters of Intent:** **November 30, 2017**