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 Carol Brodie at 5-1328, carol.brodie@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

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>HRSA</td>
<td>Leadership Education in Adolescent Health (LEAH)</td>
<td>September 30, 2016</td>
</tr>
<tr>
<td>NSF</td>
<td>ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (Institutional Transformation Track)</td>
<td>October 12, 2016</td>
</tr>
<tr>
<td>NSF</td>
<td>Scholarships in Science, Technology, Engineering and Mathematics (S-STEM)</td>
<td>October 21, 2016</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.

Workshop – How to Locate Grant Funding Opportunities Workshop

Tuesday, October 5, 2:00 p.m.
Lied Library Ryolite Room, 1st Floor

You have a great idea for a research project...but how do you locate a relevant outside funding source? Come to this informative, hands-on workshop offered by UNLV’s Office of Sponsored Programs and the Lied Library, to learn how to utilize existing resources and search for current funding opportunities that match your expertise and research areas. Topics include:

- Demonstration of searchable databases available to UNLV researchers
- Determine how to receive direct notification of relevant funding opportunities
- Understanding the solicitation or program announcement
- Understanding eligibility

Seating is limited. All who are interested are encouraged to attend, but priority will be given to UNLV faculty.

Please RSVP https://www.library.unlv.edu/inst/signup/

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 some financial resources for both graduate and undergraduate students: http://www.unlv.edu/research/financial-resources-graduate-and-undergraduate-students

II-VI Foundation – Scholarships
http://iivifoundation.com/StudentScholarships.html
Scholarship opportunities are directed toward students pursuing degrees in electrical, industrial, chemical, nuclear, mechanical, material science engineering and related engineering and science disciplines.
Deadline: June 1, 2017

Department of Energy, Office of Science - Graduate Student Research (SCGSR) Program
http://science.energy.gov/wdos/scgsr/
The goal of the Office of Science Graduate Student Research (SCGSR) program is to prepare graduate students for science, technology, engineering, or mathematics (STEM) careers critically important to the DOE Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories. The SCGSR program provides supplemental awards to outstanding U.S. graduate students to pursue part of their graduate thesis research at a DOE laboratory in areas that address scientific challenges central to the Office of Science mission.
Deadline: November 21, 2016

Social Science Research Council - Berlin Program for Advanced German and European Studies
http://www.fu-berlin.de/sites/en/bprogram/
The Berlin Program for Advanced German and European Studies promotes a new generation of young North American scholars with specialized knowledge of modern and contemporary Germany and Europe. The program supports scholars in all social science and humanities disciplines, including historians working on the period since the mid-18th century. Fellowships are awarded for doctoral dissertation research as well as postdoctoral research which leads to completion of a monograph.
Deadline: December 1, 2016

Sodexo Foundation Stephen J. Brady STOP Hunger Scholarships
http://us.stop-hunger.org/home/grants.html
The Stephen J. Brady Stop Hunger Scholarships recognize and reward students who have made a significant impact in the fight against hunger. The scholarship recipients each receive $5,000 for their education as well as a matching grant in their name for the hunger-related charity of their choice.
Deadline: December 5, 2016

International Opportunities

CEC ArtsLink - Projects to Link Artists Internationally
http://www.cecartslink.org/grants/artslink_projects/
ArtsLink Projects provides support to US artists, curators, presenters and arts organizations undertaking projects in any of 37 eligible countries. Applicants must be working with an artist or organization in that region and projects should be designed to benefit participants and audiences in both the US and the host country. In 2017, applications will be accepted from individual artists, curators and non-profit arts organizations working in visual and media arts. Applications from individual artists, presenters and non-profit arts organizations working in dance, music, theater and literature will be accepted in January 2018. Support is provided to:
• create new work that draws inspiration from interaction with artists and the community in the country visited;
• establish mutually beneficial exchange of ideas and expertise between artists, arts organizations, and the local community;
• pursue artistic cooperation that will enrich creative or professional development, or has potential to expand the community’s access to the art of other cultures.
If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu
Deadlines:
Visual & Media Arts application deadline: January 16, 2017
Arts and the Humanities

National Endowment for the Humanities - Scholarly Editions and Translations Grants
Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts of value to the humanities that are currently inaccessible or available in inadequate editions. Typically, the texts and documents are significant literary, philosophical, and historical materials; but other types of work, such as musical notation, are also eligible. Projects must be undertaken by at least one editor or translator and one other collaborating scholar. These grants support full-time or part-time activities for periods of one to three years.
**Deadline:** December 7, 2016

National Endowment for the Humanities - Digital Humanities Advancement Grants
http://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 11, 2017

Terra Foundation for American Art - Academic Program Grants
http://www.terraamericanart.org/grants/academic-program-grants/
The Terra Foundation for American Art actively supports projects that encourage international scholarship on American art topics, as well as scholarly projects with focused theses that further research of American art in an international context. Visual arts that are eligible for Terra Foundation Academic Workshop and Symposium Grants include all visual art categories except architecture, performance art, and commercial film/animation. We favor programs that place objects and practices in an art historical perspective. Academic program funding is available for in-person exchanges such as workshops, symposia, and colloquia that advance scholarship in the field of American art (circa 1500–1980) that take place:
- In Chicago or outside the United States, or
- In the United States and examine American art within an international context and include a significant number of international participants
Additionally, the foundation welcomes applications for international research groups. Such groups should involve 2 to 4 faculty members from two or more academic institutions, at least one of which must be located outside the United States. Groups should pursue specific research questions that will advance scholarship and meet in person two or more times.
**If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu**
**Deadlines for Letters of Inquiry:** December 9, 2016; March 15, 2017

University of Arizona Poetry Center - Summer Residency Program
http://poetry.arizona.edu/opportunities/residencies
Founded in 1994, the University of Arizona Poetry Center’s Summer Residency Program offers poets the opportunity to focus on their writing during a two-week stay in Tucson, Arizona. Residents are housed in the Poetry Center’s studio apartment, located just steps away the Center’s renowned library of contemporary poetry. Residents also receive a $500 stipend and give a public reading in the Poetry Center’s Reading and Lecture Series, ongoing since 1962. The residency is offered annually between June 1 and August 31.
**Deadline:** February 15, 2017
Smithsonian Institution - Fellowship Opportunities in American Art
http://americanart.si.edu/research/opportunity/fellows/
The Smithsonian American Art Museum (SAAM) and its Renwick Gallery invite applications for research fellowships in art and visual culture of the United States. Fellowships are residential and support full-time independent and dissertation research. SAAM hosts fellows supported by the Smithsonian Institution Fellowship Program and also offers the following named fellowships:

- **The Joe and Wanda Corn Fellowship** is endowed by their former students Mike Wilkins and Sheila Duignan and supports scholars whose research interests span American art and American history. The recipient will be jointly appointed at SAAM and the National Museum of American History (NMAH) and will draw on the resources of both museums.

- **The Douglass Foundation Fellowship in American Art** is given for predoctoral research in American art.

- **The Patricia and Phillip Frost Fellowship** is offered to support research in American art and visual culture.

- **The George Gurney Fellowship** funds a one- to three-month research appointment in American sculpture in honor of the distinguished career of SAAM's former curator of sculpture.

- **The Sara Roby Fellowship in Twentieth-Century American Realism** is awarded to a scholar whose research topic is in the area of American realism.

- **The Joshua C. Taylor Fellowship** is supported by alumni and friends of the fellowship program.

- **The Terra Foundation Fellowships in American Art** seek to foster a cross-cultural dialogue about the history of the art of the United States up to 1980. Three twelve-month fellowships are awarded annually, one each at the predoctoral, postdoctoral, and senior levels, to scholars from abroad who are researching American art or to U.S. scholars with an exceptionally strong international component to their study.

- **The William H. Truettner Fellowship** supports one to three months of research in recognition of Mr. Truettner's career of nearly fifty years as a curator of painting and sculpture at SAAM.

- **The Wyeth Foundation Predoctoral Fellowship** is awarded for the advancement and completion of a doctoral dissertation that concerns the study, appreciation, and recognition of excellence in all aspects of American art.

**Deadline: December 1, 2016**

Social Science Research Council - Berlin Program for Advanced German and European Studies
http://www.fu-berlin.de/sites/en/bprogram/
The Berlin Program for Advanced German and European Studies promotes a new generation of young North American scholars with specialized knowledge of modern and contemporary Germany and Europe. The program supports scholars in all social science and humanities disciplines, including historians working on the period since the mid-18th century. Fellowships are awarded for doctoral dissertation research as well as postdoctoral research which leads to completion of a monograph.

**Deadline: December 1, 2016**

**Education, Business and Social Sciences**

National Science Foundation - Smart and Connected Health (SCH)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504739
The goal of the Smart and Connected Health (SCH) Program is to accelerate the development and use of innovative approaches that would support the much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on well-being rather than disease. Approaches that partner technology-based solutions with biobehavioral health research are supported by multiple agencies of the federal government including the National Science Foundation (NSF) and the National Institutes of Health (NIH). The purpose of this program is to develop next generation health care solutions and encourage existing and new research communities to focus on breakthrough ideas in a variety of areas of value to health, such as sensor technology, networking, information and machine learning technology, decision support systems, modeling of behavioral and cognitive processes, as well as system and process modeling. Effective solutions must satisfy a multitude of constraints arising from clinical/medical needs, social interactions, cognitive limitations, barriers to behavioral change, heterogeneity of data, semantic mismatch and limitations of current cyberphysical systems. Such solutions demand multidisciplinary teams ready to address technical, behavioral and
clinical issues ranging from fundamental science to clinical practice. One class of proposals will be considered in response to this solicitation - Integrative Projects (INT), with multi-disciplinary teams spanning 1 to 4 years. **Deadline:** December 8, 2016 (INT Proposals)

**National Science Foundation - Science of Learning Centers (SLC)**

The Science of Learning Centers Program is currently accepting proposals for Workshops, EArly-concept Grants for Exploratory Research (EAGER), Rapid Response Grants (RAPID), and Supplements to NSF awards (including those funded by other programs).

The Science of Learning program supports potentially transformative basic research to advance the science of learning. The goals of the SL Program are to develop basic theoretical insights and fundamental knowledge about learning principles, processes and constraints. Projects that are integrative and/or interdisciplinary may be especially valuable in moving basic understanding of learning forward but research with a single discipline or methodology is also appropriate if it addresses basic scientific questions in learning. The possibility of developing connections between proposed research and specific scientific, technological, educational, and workforce challenges will be considered as valuable broaden impacts, but are not necessarily central to the intellectual merit of proposed research. The program will support research addressing learning in a wide range of domains at one or more levels of analysis including: molecular/cellular mechanisms; brain systems; cognitive affective, and behavioral processes; and social/cultural influences. The program supports a variety of methods including: experiments, field studies, surveys, secondary-data analyses, and modeling. **Deadlines:** January 18, 2017, July 12, 2017

**Gerda Henkel Foundation - Special Programme: Security, Society, and the State**
[http://www.gerda-henkel-stiftung.de/spsss_eng](http://www.gerda-henkel-stiftung.de/spsss_eng)

The “Security, Society, and the State” research programme targets new security-related issues that are prime examples of the post-Cold-War era but have been largely neglected in mainstream research. The programme is intended to encourage junior scholars to pursue unconventional research agendas that are nonetheless crucial, while providing senior scholars with the opportunity to focus intensively on work in progress for a limited period. Moreover, the objective is to combine basic theoretical research with concepts that are applicable to present-day political issues of security policy.

The research programme addresses scholars of all disciplines in the humanities and social sciences. Types of funding mainly include grants for research scholarships and research projects, but also conferences and workshops. Doctoral fellowships are granted only if connected to a research project. Research projects should be closely related to one or more of the five fields of research:

- Challenges of new technologies
- Public Administration and Human Security
- Patterns of Conflict Resolution between the State and Traditional Actors
- Non-Governmental Actors as Partners and Contenders of the State
- Security Strategies between Doctrine Formation and Implementation

**If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu**
**Deadline:** December 2, 2016

**Social Science Research Council - Berlin Program for Advanced German and European Studies**

The Berlin Program for Advanced German and European Studies promotes a new generation of young North American scholars with specialized knowledge of modern and contemporary Germany and Europe. The program supports scholars in all social science and humanities disciplines, including historians working on the period since the mid-18th century. Fellowships are awarded for doctoral dissertation research as well as postdoctoral research which leads to completion of a monograph. **Deadline:** December 1, 2016

**Robert Wood Johnson Foundation - Increasing Openness and Transparency in Research**

The purpose of this solicitation is to encourage and support a series of projects aimed at increasing transparency and accountability throughout the research life cycle, with a special emphasis on open access, to increase the
speed of the flow of information from funded research to action. RWJF wants to use these grants to help increase our understanding, and the understanding of the research community, about the potential for these approaches to accelerate the discovery process and expand access to research findings.

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

Deadline for Letters of Intent: October 5, 2016

NIH, National Institute on Drug Abuse (NIDA) – SBIR, Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise


This RFP solicits the research and development of advanced and sophisticated analytical models, tools and metrics to enhance the professional evaluation and decision making in life sciences management and administration. Those metrics must be developed to be embraced broadly by the life science community, be readily understandable by non-scientists and grounded in outcomes that are highly valued by the general public, funders and the policy makers. It is envisioned that, if proven, those metrics will be used by the NGOs/disease foundations, advocacy groups, research funders, and policy makers and by the academic institutional bodies (e.g. promotion committees). Fast-Track proposals and Direct to Phase II proposals will be accepted.

Examples of the projects may include, but not limited to:

- Studies to define and validate the metrics specifically measuring how virtuous the research is (quality, transparency, reproducibility, integrity and potential for translation/application).
- Studies to compare/investigate the relationship between traditional metrics, like text citations and expert evaluations, and webometrics/altmetrics, like social media usage analysis.
- Tools and approaches to quantify relationships between publications and registered products (drugs, devices, diagnostics, etc.), to help increase public appreciation of the societal value of life science discoveries, to provide instructive insights for policy makers, to guide funding decision making and path selection that would accelerate progress towards cures.
- Application of advanced empirical methods to altmetrics: large-scale studies assessing the reliability, validity and context of the metrics.
- Analytical approaches answering the question of how can research ‐productive scientists be identified, clustered, and configured for optimal research synergies.
- Sophisticated technologies to accurately analyze the demographics of research users, e.g. scholars or non‐scholars, career stage, what was the actual research product they used and why, etc.
- Sophisticated approaches and tools that, based on bibliometrics or otherwise, would enable the meaningful nomination of research studies for replication.
- Sophisticated approaches and tools for the standardized evaluation of evidence in large numbers of biomedical research documents (project progress reports, research manuscripts, etc.)
- For student education, building the models of good and bad scientific behavior with demonstration of the possible consequences of both.
- Products that track a variety of scholarly activities such as teaching and service activities correlating them with the lecture attendance and popularity status of the reading lists
- Approaches to directly compare or intelligently combine the metrics (biblio‐or alt‐) and peer review
- Studies to investigate the new forms of impact measurements that are broader, speedier and more diversified than traditional metrics

**Deadline:** October 21, 2016

Science, Mathematics and Engineering

National Science Foundation - Smart and Connected Health (SCH)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504739

The goal of the Smart and Connected Health (SCH) Program is to accelerate the development and use of innovative approaches that would support the much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on well-being rather than disease. Approaches that partner technology-based solutions with biobehavioral health research are supported by multiple agencies of the federal government including the National Science Foundation (NSF) and the National Institutes of Health (NIH). The purpose of this program is to develop next generation health care solutions and
encourage existing and new research communities to focus on breakthrough ideas in a variety of areas of value to health, such as sensor technology, networking, information and machine learning technology, decision support systems, modeling of behavioral and cognitive processes, as well as system and process modeling. Effective solutions must satisfy a multitude of constraints arising from clinical/medical needs, social interactions, cognitive limitations, barriers to behavioral change, heterogeneity of data, semantic mismatch and limitations of current cyberphysical systems. Such solutions demand multidisciplinary teams ready to address technical, behavioral and clinical issues ranging from fundamental science to clinical practice. One class of proposals will be considered in response to this solicitation, Integrative Projects (INT), with multi-disciplinary teams spanning 1 to 4 years. 

**Deadline:** December 8, 2016 (INT Proposals)

**National Science Foundation - Condensed Matter and Materials Theory (CMMT)**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505357

CMMT supports theoretical and computational materials research in the topical areas represented in DMR's core or individual investigator programs, which include: Condensed Matter Physics (CMP), Biomaterials (BMAT), Ceramics (CER), Electronic and Photonic Materials (EPM), Metals and Metallic Nanostructures (MMN), Polymers (POL), and Solid State and Materials Chemistry (SSMC). The program supports fundamental research that advances the conceptual understanding of hard and soft materials, and materials-related phenomena; the development of associated analytical, computational, and data-centric techniques; as well as predictive materials-specific theory, simulation, and modeling for materials research. The broad spectrum of research supported in CMMT includes first-principles, quantum many-body, statistical mechanics, classical and quantum Monte Carlo, and molecular dynamics methods. Computational efforts span from workstations to advanced and high-performance scientific computing. Emphasis is on approaches that begin at the smallest appropriate length scale, such as electronic, atomic, molecular, nano-, micro-, and mesoscale, required to yield fundamental insight into material properties, processes, and behavior, to predict new materials and states of matter, and to reveal new materials-related phenomena. Approaches that span multiple scales of length and time may be required to advance fundamental understanding of materials properties and phenomena, particularly for polymeric materials and soft matter.

**Deadline:** Full Proposal Accepted Anytime

**National Science Foundation Discovery Research K-12 (DRK-12)**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500047

The Discovery Research PreK-12 program (DRK-12) invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate radically different structures and functions of preK-12 teaching and learning. The DRK-12 program has three major research and development strands: (1) Assessment; (2) Learning; and (3) Teaching. The program recognizes the synergy among the three strands and that there is some overlap among them. However, PIs should identify a clear focus of the proposed research efforts (i.e., assessment, learning, or teaching) consistent with the proposal’s main objectives and research questions. The program supports five types of projects: (1) Exploratory, (2) Design and Development, (3) Impact, (4) Implementation and Improvement, and (5) Conferences and Syntheses. All five types of projects apply to each of the three DRK-12 strands.

**Deadline:** December 5, 2016

**National Science Foundation - Mathematical Sciences Infrastructure Program**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12756

The major aim of the DMS Infrastructure Program is to foster the continuing health of the mathematical sciences research community as a whole. The program supports projects that positively influence the entire community, most often those cutting across multiple sub-disciplines. Activities funded include working research sessions, such as conferences and symposia, as well as larger initiatives focused on enhancing and developing the mathematical sciences at the national scale. In addition, the Infrastructure Program will support a limited number of unsolicited training projects aimed at the undergraduate, graduate, or postdoctoral levels that include a core mathematical sciences research component for trainees. The Infrastructure Program seeks to fund novel projects that can have a large impact by promoting partnerships, broadening participation, and/or serving as models to be replicated.

**Deadlines:**

Full Proposal Accepted Anytime (For proposals that do not deal with training)

**December 7, 2016** (For proposals that deal with training)
The effort may enable interdiction and border protection, the health and welfare of the canines is of utmost concern. Due to the high-pressure operations tempo, physical demands and varied climates in which canine teams must operate, canines may suffer health problems that-if not identified and remediated quickly-may cause severe illness, injury or even death. This call seeks to determine if the lessons learned from human wearable technologies or some aspects of the technologies may be adapted for use within the CBP canine training and operational environments. The K-9 Wearable Technologies project is comprised of the following technical topic areas (TTA):

- **TTA #1: Recording and Transmitting Canine Vital Signs**
- **TTA #2: Receiving, Storing and Analyzing Vital Sign Data**
- **TTA #3: Maintaining and Updating Canine Sensor Components**

**Deadline:** The call is open through **June 7, 2017.**

**Defense Advanced Research Projects Agency - Microsystems Technology Office Office-wide Broad Agency Announcement**

This announcement seeks revolutionary research ideas for topics not being addressed by ongoing MTO programs or other published solicitations. MTO seeks to develop high-risk, high-reward technologies that create and prevent strategic surprise, help secure the Department of Defense’s (DoD) technological superiority and address the complex threats facing U.S. national security. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Research areas of current interest to MTO include, but are not limited to, the following topics:

- Advanced Imaging Architectures and Systems
- Chip Scale Sensors
- Computational Architectures and Algorithms for Next Generation Artificial Intelligence (AI)
- Electro-Optical Infrared (EO/IR) Technologies
- Emerging MEMS Technologies
- Enabling component technology for cold-atom microsystems
- Energy-Efficient Computing
- Hardware Assurance, Reliability & Validation
- Hardware for Advanced Signal Processing
- Heterogeneous Integration
- Low Power Electronics
- Low Volume Microsystems Manufacturing
- Microsystem Design & CAD
- Microsystems for Directed Energy
- Microsystems for Precision Navigation & Timing
- Microsystems for RF/Optical Transceivers
- Non-Silicon Electronics
- Novel Photonic Devices
- Photonic & Electronic Interconnects
- Processing Techniques for Imaging and Spectral Recognition
- Quantum Devices
- Signal Processing to Reduce Hardware Requirements
- Thermal Management
- Other Microsystems Technology Topic Areas

**Deadline:** Proposals may be submitted on a rolling basis until 4:00PM (Eastern Time) on **September 13, 2018.**

**Office of Naval Research - SSBN Security Technology**

The Office of Naval Research (ONR) and the Undersea Influence, Counter-USW Branch (N974B) of the Chief of Naval Operations’ (CNO) Undersea Warfare Division (N97) are interested in receiving proposals focused on the identification of science and physics based signal detection technologies that, individually or as a system, can impact the security of the SSBN and submarines in general. Passive and active detection technologies with near term (0-5 years), mid-term (5-10 years) and far term (10-20 years) implications will be considered. As part of its effort to understand the impact of technology on submarine security and survivability, the SSBN Security Technology Program (SSTP) may entertain proposals focused on improving the understanding of the generation, radiation, propagation, scatter, and detection of a variety of signal types (acoustic, chemical, optical,
emagnetic, hydrodynamic and radiological) associated with a submarine's operation. The ONR is seeking participants for this program that are capable of performing advanced S&T research that support demonstrating capabilities to achieve the goals described in this announcement.

**Deadline: December 31, 2016** Proposals may be submitted at any time during the open period of this BAA. This announcement will be replaced on an annual basis. NOTE: White Papers are required prior to submitting a Full Proposal. It is recommended that you discuss your White Paper contents with the SSTR Technical Point of Contact prior to submission of Full Proposals.

**Department of the Interior - Joint Fire Science Program (JFSP) Primary Announcement (6 Task Statements)**

The Joint Fire Science Program (JFSP) is a partnership of six federal wildland management and research agencies with a need to address problems associated with managing wildland fuels, fires, and fire-impacted ecosystems. The partnering agencies include the U.S. Department of Agriculture, Forest Service and five bureaus in the U.S. Department of the Interior: Bureau of Indian Affairs, Bureau of Land Management, National Park Service, Fish and Wildlife Service, and the Geological Survey. The Department of Interior also is represented by the Office of Wildland Fire. The six areas of interest are:
1. Landscape fuel treatment strategies and wildfire management
2. Effects of changing wildfire management strategies
3. Post-fire recovery
4. Fire effects on herbaceous and shrub species
5. Validating mesoscale, atmospheric boundary prediction models and tools
6. Factors that affect the co-management of wildland fire risk

**Deadline: November 17, 2016**

**Robert Wood Johnson Foundation - Increasing Openness and Transparency in Research**

The purpose of this solicitation is to encourage and support a series of projects aimed at increasing transparency and accountability throughout the research life cycle, with a special emphasis on open access, to increase the speed of the flow of information from funded research to action. RWJF wants to use these grants to help increase our understanding, and the understanding of the research community, about the potential for these approaches to accelerate the discovery process and expand access to research findings.

**Deadline for Letters of Intent: October 5, 2016**

**Gates (Bill & Melinda) Foundation - Grant Opportunities: Grand Challenges Explorations Grants -- Round 18**
http://gcgh.grandchallenges.org/

Grand Challenges Explorations is seeking innovative global health and development solutions and is now accepting proposals for its latest application round. Applicants can be at any experience level; in any discipline; and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations, and for-profit companies. Initial grants will be US $100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US $1 million. Proposals are sought that target the following challenges:
- Assess Family Planning Needs, Preferences and Behaviors to Inform Innovations in Contraceptive Technologies;
- Develop Novel Platforms to Accelerate Contraceptive Drug Discovery;
- Design New Solutions to Data Integration for Malaria Elimination;
- Accelerate Development of New Therapies for Childhood Cryptosporidium Infection

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

**Deadline: November 9, 2016**

**American Heart Association - Collaborative Science Award**
http://professional.heart.org/professional/ResearchPrograms/UCM_460459_Collabora...

The objective of this award is to foster innovative, new collaborative approaches to research projects which propose novel pairings of investigators from at least two broad disciplines. The proposal must focus on the collaborative relationship, such that the scientific objectives could not be achieved without the efforts of at least
two co-principal investigators and their respective disciplines. The combination and integration of studies may be inclusive of basic, clinical, population and/or translational research.

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

Deadline for Letters of Intent: November 3, 2016

NIH, National institute on Drug Abuse (NIDA) – SBIR, Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise


This RFP solicits the research and development of advanced and sophisticated analytical models, tools and metrics to enhance the professional evaluation and decision making in life sciences management and administration. Those metrics must be developed to be embraced broadly by the life science community, be readily understandable by non-scientists and grounded in outcomes that are highly valued by the general public, funders, and the policy makers. It is envisioned that, if proven, those metrics will be used by the NGOs/disease foundations, advocacy groups, research funders, and policy makers and by the academic institutional bodies (e.g. promotion committees). Fast-Track proposals and Direct to Phase II proposals will be accepted.

Examples of the projects may include, but not limited to:

- Studies to define and validate the metrics specifically measuring how virtuous the research is (quality, transparency, reproducibility, integrity and potential for translation/application).
- Studies to compare/investigate the relationship between traditional metrics, like text citations and expert evaluations, and webometrics/altmetrics, like social media usage analysis.
- Tools and approaches to quantify relationships between publications and registered products (drugs, devices, diagnostics, etc.), to help increase public appreciation of the societal value of life science discoveries, to provide instructive insights for policy makers, to guide funding decision making and path selection that would accelerate progress towards cures.
- Application of advanced empirical methods to altmetrics: large-scale studies assessing the reliability, validity and context of the metrics.
- Analytical approaches answering the question of how can research-productive scientists be identified, clustered, and configured for optimal research synergies.
- Sophisticated technologies to accurately analyze the demographics of research users, e.g. scholars or non-scholars, career stage, what was the actual research product they used and why, etc.
- Sophisticated approaches and tools that, based on bibliometrics or otherwise, would enable the meaningful nomination of research studies for replication.
- Sophisticated approaches and tools for the standardized evaluation of evidence in large numbers of biomedical research documents (project progress reports, research manuscripts, etc.)
- For student education, building the models of good and bad scientific behavior with demonstration of the possible consequences of both.
- Products that track a variety of scholarly activities such as teaching and service activities correlating them with the lecture attendance and popularity status of the reading lists
- Approaches to directly compare or intelligently combine the metrics (biblio- or alt-) and peer review
- Studies to investigate the new forms of impact measurements that are broader, speedier and more diversified than traditional metrics

Deadline: October 21, 2016

Medical/Health/Behavioral Sciences

Department of Defense - United States Army Research Institute for the Behavioral and Social Sciences -- Broad Agency Announcement for Basic, Applied, and Advanced Scientific Research

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=219293

The U.S. Army Research Institute for the Behavioral and Social Sciences is the Army’s lead agency for the conduct of research, development, and analyses for the improvement of Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, training, and leader development issues. Programs funded under this BAA include basic research, applied research, and advanced technology development that can improve human performance and Army readiness. Collaboration is
encouraged among educational institutions, non-profit/not-for-profit organizations, commercial organizations, and the other U.S. Military Services.

The funding opportunity is divided into two sections:

1. **BASIC RESEARCH**

Topic areas of research interest include the following:

- Improving Training in Complex Environments: Research in this area focuses on developing concepts and methods for training complex tasks and for sustaining complex task performance.
- Improving Leader and Team Performance: The focus of this area is to develop leader adaptability and flexibility, and discover and test the basic cognitive principles that underlie the dynamics of small group leadership and effective leader-team performance in both face-to-face and distributed environments.
- Identifying, Assessing, and Assigning Quality Personnel: This research domain is concerned with identifying and measuring the aptitudes and skills that are unique to the human performance requirements of the Future Force and the sociological and psychological factors that could influence recruitment, retention, and Army performance.
- Understanding Organizational Behavior and Network Science: The focus of this area is on understanding and predicting large and small group behavioral processes in dynamic social networks, whether in simulations, games, or Army organizations.

2. **APPLIED RESEARCH AND ADVANCED TECHNOLOGY DEVELOPMENT**

The ARI seeks Applied Research proposals that provide a systematic expansion and application of knowledge to design and develop useful strategies, techniques, methods, tests, or measures that provide the means to meet a recognized and specific Army need. Applied Research precedes system specific technology investigations or development, but it should have a high potential to transition into the Advanced Technology Development (ATD) Program.

The ARI ATD Program includes the development of technologies, components, or prototypes that can be tested in field experiments and/or simulated environments. Projects in this category have a direct relevance to identified military needs. These projects should demonstrate the general military utility or cost reduction potential of technology in the areas of personnel selection, assignment, and retention; training strategies and techniques; leader education and development; performance measurement; and team and inter-organizational mission effectiveness. These projects should be focused on a more direct operational benefit and if successful, the technology should be available for transition.

**Deadline:** This Broad Agency Announcement (BAA) is a continuously open five-year announcement valid throughout the period ending **February 5, 2018**

**National Institutes of Health - Exploratory Studies of Smoking Cessation Interventions for People with Schizophrenia (R21/R33)**


The purpose of this Funding Opportunity Announcement (FOA) is to provide support for grant applications to generate and conduct preliminary tests of targeted smoking cessation treatments for individuals with schizophrenia. Smokers with schizophrenia who have co-occurring alcohol and/or substance abuse disorders are also a population of interest. This FOA encourages Phased Innovation (R21/R33) applications that focus on early-stage, treatment generation and pilot clinical trials that are consistent with an experimental therapeutic approach. This approach requires the identification of a theory-derived target based on putative mechanisms of nicotine addiction in individuals with schizophrenia, and clear hypotheses about how an intervention directed at changing the target can lead to clinical benefits.

The above link is for the R21 mechanism. A Companion FOA: **PAR-14-231**, is for the R33 Exploratory/Developmental Grants Phase II

**Deadlines:**

Letter of Intent – 30 days before the application due date

Application - **December 15, 2016, April 17, 2017**

PAR-14-230 Expiration Date April 18, 2017

**National Institutes of Health, AHRQ - Advances in Patient Safety through Simulation Research (R18)**


The Agency for Healthcare Research and Quality (AHRQ) is interested in funding a diverse set of projects that develop, test and evaluate various simulation approaches for the purpose of improving the safe delivery of health
care. Simulation in health care serves multiple purposes. As a training technique, it exposes individuals and teams to realistic clinical challenges through the use of mannequins, task trainers, virtual reality, standardized patients or other forms, and allows participants to experience in real-time the consequences of their decisions and actions. The principal advantage of simulation is that it provides a safe environment for health care practitioners to acquire valuable experience without putting patients at risk. Simulation also can be used as a test-bed to improve clinical processes and to identify failure modes or other areas of concern in new procedures and technologies that might otherwise be unanticipated and serve as threats to patient safety. Yet another application of simulation focuses on the establishment of valid and reliable measures of clinical performance competency and their potential use for credentialing and certification purposes.

**Deadlines:** January 25, May 25, September 25

**National Institutes of Health - Loan Repayment Programs for Health Professionals**
http://www.lrp.nih.gov/
The NIH Loan Repayment Programs (LRPs) are a set of programs established by Congress and designed to recruit and retain highly qualified health professionals into biomedical or biobehavioral research careers. The escalating costs of advanced education and training in medicine and clinical specialties are forcing some scientists to abandon their research careers for higher-paying private industry or private practice careers. The LRPs counteract that financial pressure by repaying up to $35,000 annually of a researcher’s qualified educational debt in return for a commitment to engage in NIH mission-relevant research. Since tomorrow’s medical breakthroughs will be made by investigators starting in their research careers today, the LRPs represent an important investment by NIH in the future of health discovery and the wellbeing of the Nation.

**Deadline:** November 15, 2016

**Juvenile Diabetes Research Foundation International - Innovative Grants**
http://grantcenter.jdrf.org/rfa/innovative-grants/
JDRF provides seed funding for highly innovative research with significant potential to accelerate the mission of JDRF. Proposals should address key outstanding questions and have the potential to lead to a change in the current paradigm or conventional wisdom and/or lead to a groundbreaking discovery. Preliminary data is not required in the proposal but the underlying premise, goal, or hypothesis must be plausible and testable and the proposal must be focused with a well-defined goal that is achievable within the timeframe of the award.

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

**Deadline:** October 31, 2016

**Juvenile Diabetes Research Foundation International - Career Development Awards**
http://grantcenter.jdrf.org/rfa/career-development-awards/
JDRF fosters the development and productivity of the best and the brightest established independent researchers who will bridge the gap between the bench and bedside. The primary purpose of the Career Development Award is to attract qualified and promising scientists early in their faculty careers and to give them the opportunity to establish themselves in areas that reflect the JDRF research emphasis areas.

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

**Deadline:** January 31, 2017

**Robert Wood Johnson Foundation - Increasing Openness and Transparency in Research**
The purpose of this solicitation is to encourage and support a series of projects aimed at increasing transparency and accountability throughout the research life cycle, with a special emphasis on open access, to increase the speed of the flow of information from funded research to action. RWJF wants to use these grants to help increase our understanding, and the understanding of the research community, about the potential for these approaches to accelerate the discovery process and expand access to research findings.

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

**Deadline for Letters of Intent:** October 5, 2016

**Gates (Bill & Melinda) Foundation - Grant Opportunities: Grand Challenges Explorations Grants -- Round 18**
http://gcph.grandchallenges.org/
Grand Challenges Explorations is seeking innovative global health and development solutions and is now accepting proposals for its latest application round. Applicants can be at any experience level; in any discipline; and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations, and for-profit companies. Initial grants will be US $100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US $1 million. Proposals are sought that target the following challenges:

- Assess Family Planning Needs, Preferences and Behaviors to Inform Innovations in Contraceptive Technologies;
- Develop Novel Platforms to Accelerate Contraceptive Drug Discovery;
- Design New Solutions to Data Integration for Malaria Elimination;
- Accelerate Development of New Therapies for Childhood Cryptosporidium Infection

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

**Deadline: November 9, 2016**

**Alexs Lemonade Stand Foundation – Multiple Opportunities**


The **Young Investigator Grants** are designed to support scientists during their fellowship training or early in their research careers. Demonstration of outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application. Young Investigator Grants are now 3 year grants. The award amount is $150,000.

**Deadline: December 15, 2016**

**Innovation Grants** are designed as seed funding for researchers with a novel approach to pediatric oncology scientific investigation. This may represent a change in research direction and/or an innovative new idea that moves away from an investigator’s prior research but for which a strong case is made for the potential impact on childhood cancers. Innovation Grants will support research proposals to be carried out by investigators who are already established, have a track record of peer-reviewed publications and evidence of successfully competing for extramural funding. The grant is for two years up to $125,000 per year for direct costs only. A no-cost extension is permitted if progress is demonstrated and budget properly justified.

**Letters of Intent due November 1, 2016**

**Epidemiology Awards** will support investigators pursuing research studies in human populations using epidemiological approaches aimed at improving our understanding of childhood cancer. This grant mechanism is designed to support hypothesis-driven research that focuses on the epidemiology, early detection and prevention of childhood cancer or comparative effectiveness and outcomes research related to detection, prevention and treatment.

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

**Deadline: December 15, 2016**

**American Heart Association - Collaborative Science Award**

[http://professional.heart.org/professional/ResearchPrograms/UCM_460459_Collabora...](http://professional.heart.org/professional/ResearchPrograms/UCM_460459_Collabora...)

The objective of this award is to foster innovative, new collaborative approaches to research projects which propose novel pairings of investigators from at least two broad disciplines. The proposal must focus on the collaborative relationship, such that the scientific objectives could not be achieved without the efforts of at least two co-principal investigators and their respective disciplines. The combination and integration of studies may be inclusive of basic, clinical, population and/or translational research.

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

**Deadline for Letters of Intent: November 3, 2016**

**NIH, National institute on Drug Abuse (NIDA) – SBIR, Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise**


This RFP solicits the research and development of advanced and sophisticated analytical models, tools and metrics to enhance the professional evaluation and decision making in life sciences management and administration. Those metrics must be developed to be embraced broadly by the life science community, be readily
understandable by non-scientists and grounded in outcomes that are highly valued by the general public, funders and the policy makers. It is envisioned that, if proven, those metrics will be used by the NGOs/disease foundations, advocacy groups, research funders, and policy makers and by the academic institutional bodies (e.g. promotion committees). Fast-Track proposals and Direct to Phase II proposals will be accepted.

Examples of the projects may include, but not limited to:

- Studies to define and validate the metrics specifically measuring how virtuous the research is (quality, transparency, reproducibility, integrity and potential for translation/application).
- Studies to compare/investigate the relationship between traditional metrics, like text citations and expert evaluations, and webometrics/altmetrics, like social media usage analysis.
- Tools and approaches to quantify relationships between publications and registered products (drugs, devices, diagnostics, etc.), to help increase public appreciation of the societal value of life science discoveries, to provide instructive insights for policy makers, to guide funding decision making and path selection that would accelerate progress towards cures.
- Application of advanced empirical methods to altmetrics: large-scale studies assessing the reliability, validity and context of the metrics.
- Analytical approaches answering the question of how can research-productive scientists be identified, clustered, and configured for optimal research synergies.
- Sophisticated technologies to accurately analyze the demographics of research users, e.g. scholars or non-scholars, career stage, what was the actual research product they used and why, etc.
- Sophisticated approaches and tools that, based on bibliometrics or otherwise, would enable the meaningful nomination of research studies for replication.
- Sophisticated approaches and tools for the standardized evaluation of evidence in large numbers of biomedical research documents (project progress reports, research manuscripts, etc.)
- For student education, building the models of good and bad scientific behavior with demonstration of the possible consequences of both.
- Products that track a variety of scholarly activities such as teaching and service activities correlating them with the lecture attendance and popularity status of the reading lists
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**Deadline:** October 21, 2016

**Simons Foundation - Simons Foundation Autism Research Initiative (SFARI) -- Request for Applications -- Pilot and Research Awards**


The mission of the Simons Foundation Autism Research Initiative (SFARI) is to improve the diagnosis and treatment of autism spectrum disorders by funding, catalyzing and driving research of the greatest quality and relevance. Applications are being solicited for SFARI Awards from individuals who will conduct bold, imaginative, rigorous and relevant research. The following applications will be considered:

**SFARI Pilot Award:** Application type for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on preliminary data or a prior track record and lead to competitive applications for funding by SFARI or other organizations. Investigators new to the field of autism are encouraged to apply for Pilot Awards. The maximum budget is $150,000, including indirect costs, per year for up to two (2) years.

**SFARI Research Award:** Application type for competitive proposals from investigators with demonstrated expertise requesting support for compelling, high-impact research on experimental hypotheses for which, in most cases, preliminary data have already been gathered. The foundation will also consider projects focusing on a central hypothesis where success depends on close collaboration between two or more labs. We expect to fund proposals for a maximum of $275,000, including indirect costs, per year for up to three (3) years, but under exceptional circumstances will consider proposals at higher levels. We realize that clinical studies can be costly and will consider clinical and translational proposals with budgets of up to $350,000 per year if justified in the budget. (This grant mechanism is not intended to support large, randomized clinical trials of medications.)

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, [caleen.johnson@unlv.edu](mailto:caleen.johnson@unlv.edu)

**Deadline for Letter of Intent:** December. 9, 2016