Funding Opportunities Newsletter
Office of Sponsored Programs
Proposal Development
April 15, 2016

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 assistance with a proposal, please contact Carol Brodie at 5-1328, carol.brodie@unlv.edu, Rm. 2105 SEB. 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:

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

EDA to Hold Series of Webinars for Potential 2016 Regional Innovation Strategies Program Applicants

The US Economic Development Administration plans to release the Federal Funding Opportunity (FFO) and begin accepting applications for the 2016 round of Regional Innovation Strategies (RIS) Program funding on April 25, 2016; the application period will be open for 60 days. In this 2016 round, a total of $15 million in Federal funding is available to create and expand cluster-focused proof-of-concept and commercialization programs and early-stage seed capital funds through the i6 Challenge and the Seed Fund Support (SFS) Grant competition, respectively.

EDA will host a series of webinars April 19-21, 2016, to encourage all potential applicants to think about their strategies for developing regional opportunities, partnerships, and approaches by sharing the RIS Program’s high-level objectives. OIE staff will provide an overview of the Program and its objectives and RIS grantees will provide real-world highlights of their RIS projects, including the problems they set out to solve and the activities, outputs, and impacts that their RIS grants have supported. Each webinar will end with a Q&A session that will be open to all participants but that will focus on specific categories of applicants or geographies as noted below.

Fifteen minutes before the webinar, link on the link below that you are interested in:
- April 19 at 2:00pm EDT (with a Q&A focused on HBCUs and community colleges): join this webinar;
- April 20 at 3:30pm EDT (with a Q&A focused on smart cities): join this webinar; and
- April 21 at 2:00pm EDT (with a Q&A focused on rural communities): join this webinar.

Additionally, EDA will host a post-launch webinar on May 5, 2016, at 2:00pm EDT. During this webinar, EDA staff will present a detailed overview of the 2016 RIS FFO and will take questions from attendees.

New NIH Application Guide
The National Institutes of Health has updated their application guide for all proposals with due dates on or after May 25, 2016. A list of significant changes can be found at: http://grants.nih.gov/grants/how-to-apply-application-guide/forms-d/general/g.120-significant-changes.htm.

Early Career Investigator Workshop
The Office of Sponsored Programs will be holding a proposal workshop for Early Career Investigators. We will cover the NSF CAREER program, and similar opportunities from other federal agencies. We are pleased to have three successfully funded faculty who will provide attendees with tips on how to put together a successful CAREER proposal. The workshop will be on Friday, April 22 from 11:30 – 2:30 in Room 1243 of the Science and Engineering Building. Seating is limited. Please RSVP at https://unlv.co1.qualtrics.com/SE/?SID=SV_9ZcWo3qLDXisYsl

Opportunities for Students

National Inventors Hall of Fame Foundation - Collegiate Inventors Competition
http://collegiateinventors.org/
Join the nation’s foremost competition encouraging innovation, entrepreneurship, and creativity in students who are working on cutting-edge inventions at their colleges and universities nationwide. Outstanding inventions in STEM and other creative fields are judged by a panel of National Inventors Hall of Fame Inductees, United States Patent and Trademark Office officials, and top AbbVie scientists – the most influential inventors and invention experts in the nation – for feedback, brainstorming, and encouragement on taking inventions to the next level of innovation.
In addition to networking with some of our nation’s foremost innovators, you’ll also compete for cash and prizes and represent your school in competition among the nation’s most creative and innovative universities.
Deadline: June 1, 2016

National League for Nursing - Education Scholarship Awards
http://www.nln.org/giving/overview/foundation-programs/foundation-for-nursing-ed...
The NLN Foundation Scholarship Awards Program supports the goal of attracting more seasoned and ethnically diverse nurses to become nurse educators.. These scholarships are awarded to nurses pursuing advanced degrees in preparation for a career as a full-time academic nurse educator. The funds are for master’s or doctoral students enrolled in accredited programs who have completed at least half of their academic program. Candidates must be NLN members either through individual dues or through their schools’ NLN membership.
Deadline: May 31, 2016

Leakey Foundation - General Research Grants
http://leakeyfoundation.org/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.
Deadlines: January 5; July 15

American Museum of Natural History - Anthropology Internship Program
http://www.amnh.org/our-research/anthropology/policies-links/internship-program
The Anthropology Internship Program offers academic credit, unpaid and paid internships for undergraduate and graduate students interested in careers in anthropology, museums or related fields. Anthropology interns work on projects relating to the collections or to the ongoing research interests of the curatorial staff in the museum or in the field. Applicants should be enrolled in or have recently graduated from an academic institution.
Application deadlines:
• Summer session (July to September), submit January 1 - March 1
• Fall session (September to December), submit June 4 - August 4
• Spring session (February-May), submit October 1 - December 1
International Opportunities

United States-Japan Foundation - US-Japan Policy
http://us-jf.org/programs/grants/us-japan-policy-studies/
The United States-Japan Foundation supports US-Japan policy-related studies, initiatives and exchanges that help address issues of significant mutual concern to the United States and Japan. The Foundation seeks to respond to policy-relevant needs as identified by experts and practitioners in US-Japan policy studies field and we are therefore open to innovative projects.
Deadlines: Dec. 15 (REQUIRED letter of inquiry for Spring Round); Jul. 15 (REQUIRED letter of inquiry for Fall Grant Cycle)

Department of State - The Partnership on Women’s Entrepreneurship in Renewables (wPOWER)
http://www.grants.gov/web/grants/view-opportunity.html?oppId=282978
The Bureau of Oceans and International Environmental and Scientific Affairs’ (OES) Office of Global Change at the Department of State, announces the Notice of Funding Opportunity (“NOFO”) for the expansion of activities under the Partnership on Women’s Entrepreneurship in Renewables (wPOWER), consistent with the goals of the Partnership. wPOWER is unlocking women’s potential to address climate change by empowering women clean energy entrepreneurs to expand clean energy access for poor and rural communities through the sale of solar products and clean cookstoves. wPOWER is building a partnership network of organizations working in the gender and clean energy sector and expanding the evidence base and increasing public awareness of the importance of integrating women into the energy access value chain. This NOFO will focus on expanding activities under these wPOWER program goals by empowering and supporting women clean energy entrepreneurs, conducting research to advance women clean energy entrepreneurship, addressing financial barriers, and growing the wPOWER Partnership.
Deadline: June 10, 2016

US Agency for International Development - The USAID Global Health Challenge BAA
http://www.grants.gov/web/grants/view-opportunity.html?oppId=282988
This Broad Agency Announcement (BAA) seeks opportunities to co-create, co-design, co-invest, and collaborate in the research, development, piloting, testing, and scaling of innovative, practical and cost-effective interventions to address the most pressing problems in global health. USAID invites organizations and companies to, in cooperation with its partners, generate novel tools and approaches that accelerate and sustain improved health outcomes in developing countries.

Through an Addendum to the BAA, USAID has announced a Grand Challenge Area: Combatting Zika and Future Threats: A Grand Challenge for Development Addendum 01. The goal of this Grand Challenge is to enhance our prevention, detection, and response capabilities in both the short and long term by sourcing innovations that:
(1) Mitigate the spread and impact of the Zika virus by filling critical gaps in the pipeline
(2) Improve our ability to prevent, detect and respond to future infectious disease outbreaks

Deadlines:
Zika response-focused submissions - May 20, 2016
All other submissions - June 17, 2016

Arts and the Humanities

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.
Deadlines: January 15, April 1, and October 1
Samuel H. Kress Foundation – Conservation Grant Program
http://www.kressfoundation.org/grants/conservation/
The Conservation program supports the professional practice of art conservation, especially as it relates to European art of the pre-modern era. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, exhibitions and publications focusing on art conservation, scholarly publications, and technical and scientific studies. Grants are also awarded for activities that permit conservators and conservation scientists to share their expertise with both professional colleagues and a broad audience through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, exhibitions that include a prominent focus on materials and techniques, and other professional events.
Deadlines: January 15, April 1, and October 1

Education, Business and Social Sciences

Department of Defense - Acquisition Research Program at the Naval Postgraduate School
The Acquisition Research Program (ARP) at the Naval Postgraduate School is interested in stimulating and supporting scholarly research in academic disciplines that bear on public procurement policy and management. These include economics, finance, financial management, information systems, organization theory, operations management, human resources management, risk management, and marketing, as well as the traditional public procurement areas such as contracting, program/project management, logistics, test and evaluation and systems engineering management.
Deadlines:
White Papers – June 1, 2016
Invited Full Proposals – August 1, 2016

Administration for Children and Families - Family Strengthening Scholars
http://www.acf.hhs.gov/grants/open/foa/view/HHS-2016-ACF-OPRE-PD-1114
The Administration for Children and Families (ACF), Office of Planning, Research and Evaluation (OPRE) solicits applications for Family Strengthening Research Scholars grants to support dissertation research on healthy marriage/responsible fatherhood policy issues. Universities apply on behalf of doctoral-level graduate students.
These grants are meant to build capacity in the research field to focus research on questions that have direct implications for healthy marriage/responsible fatherhood policy decision-making and program administration, and to foster mentoring relationships between faculty members and high-quality doctoral students. These grants are intended to address issues of significance to inform policy decisions and solutions, particularly for underserved/understudied populations (e.g., low-income families, minority populations), utilize rigorous research methodology (both primary data collection and secondary data analysis), and help inform the development of future intervention research.
Deadlines:
Letter of Intent: May 9, 2016
Application: June 6, 2016

Robert Wood Johnson Foundation - The Mood Challenge
http://www.moodchallenge.com/
Psychology, evolutionary biology, psychiatry, economics, and many other fields have studied human mood for decades. While many theories have been developed, the full complexity of this macro-measure of mental and emotional condition is still a mystery. Mobile devices provide an unprecedented opportunity to investigate mood through the careful collection of active and passive data. To capture this opportunity, the Mood Challenge for ResearchKit calls on researchers, technologists, and data scientists to submit proposals for ResearchKit studies that will further our understanding of mood, its correlates, and its relation to social context through the novel interpretation of signals from iPhone, related sensors, and other data sources.
Deadline: May 22, 2016
**Foundation for Child Development - Young Scholars Program**

http://fcd-us.org/our-work/young-scholars-program

The FCD Young Scholars Program (YSP) supports policy and practice-relevant research that is focused on the early learning and development needs of the nation's children who are growing up under conditions of economic insecurity and social exclusion. YSP encourages applications from scholars who are:

- Themselves from historically disadvantaged or underrepresented groups, e.g., first-generation college graduates, and those from low-income communities.
- Scholars who represent a variety of disciplines and methodological approaches.

All proposed research should focus on the ways in which the knowledge, skills, and dispositions of the early care and education workforce (ECE workforce) can support young children’s growth and development across the birth through age eight continuum.

**Deadline for Letter of Intent:** June 1, 2016

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**Leakey Foundation - General Research Grants**

http://leakeyfoundation.org/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 5; July 15

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**National Science Foundation - Developmental and Learning Sciences (DLS)**


DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children’s and adolescents’ development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, social functioning, and productive lives as members of society. The DLS program also accepts proposals for workshops and small conferences.

**National Science Foundation - Social Psychology**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior.

**Deadlines:** July 15, annually; January 15, annually

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**Science, Mathematics and Engineering**

**Department of Defense - 2017 Multidisciplinary Research Program of the University Research Initiative -- ONR**

http://www.grants.gov/web/grants/view-opportunity.html?oppId=282951

DOD’s MURI program addresses high risk basic research and attempts to understand or achieve something that has never been done before. The program was initiated over 25 years ago and it has regularly produced significant scientific breakthroughs with far reaching consequences to the fields of science, economic growth, and revolutionary new military technologies.

White papers and full proposals addressing the following topics should be submitted to the Office of Naval Research (ONR):

- Topic 9 (ONR): Physics, Chemistry and Mechanics of Polymer Dielectric Breakdown
- Topic 10 (ONR): Percept formation and scene analysis in echolocating systems
- Topic 11 (ONR): Phase Change Materials for Photonics
- Topic 12 (ONR): Event Representation and Episodic Memory
• Topic 13 (ONR): Nonlinear Phenomena and Interactions Induced by Short and Ultra-Short Pulsed Lasers in the Long-Wave Infrared Regime
• Topic 14 (ONR): High-Fidelity Simulation Methodologies for Multi-Phase Flows
• Topic 15 (ONR): Novel Approaches to Modeling Fractions and Conflict
• Topic 16 (ONR): Assuring Composability and Correctness for Intelligent and Learning Systems that Interact with Unstructured Physical Environments

**Deadlines:**
White Papers: **August 1, 2016**
Full Proposals: **November 15, 2016**

**Department of Energy, Argonne National Laboratory -- Applications for Beam Time: Advanced Photon Source**
https://www1.aps.anl.gov/Users-Information/About-Proposals/Apply-for-Time
The Advanced Photon Source is a synchrotron light source that produces high-energy, high-brilliance x-ray beams. The source is optimized to put large quantities of high-energy photons into a very small area in a very short time. The x-ray beam is customized at each beamline to meet particular needs. With more than 40 beamlines already operational, and more under development, the APS offers an exceptionally broad range of experimental conditions at a single facility. All beam time at the APS must be requested each cycle through the web-based Beam Time Access System. Five types of requests are possible: General User, Partner User, Collaborative Access Team (CAT) member, CAT staff, and APS staff. Each beam time request (BTR) must be associated with a proposal, but the requirements for each proposal type differ.
**Deadline:** **July 8, 2016**

**Department of Energy - Next Generation Energy Technologies for Connected and Automated On-Road Vehicles (NEXTCAR)**
The ARPA-E NEXT-Generation Energy Technologies for Connected and Automated on-Road-vehicles (NEXTCAR) Program seeks to fund the development of new and emerging vehicle dynamic control and powertrain (VD&PT) control technologies that can reduce the energy consumption of future vehicles through the use of connectivity and vehicle automation. Potential vehicle energy improvement technologies may include, but are not limited to, advanced technologies and concepts relating to full vehicle dynamic control, powertrain control, improved vehicle and powertrain operation through the automation of vehicle dynamics control functions, and improved control and optimization facilitated by connectivity. These improvements will include the reduction of the fuel and/or energy consumed by future individual vehicles undergoing either human operation or semi- or fully-automated operation, either in isolation or in cooperation with other vehicles. Vehicle connectivity and automated operation hold significant promise to improve safety by reducing vehicle accidents and traffic fatalities in the US, but the full energy efficiency improvements enabled by the adoption of these technologies have not yet been tapped. Reducing the energy intensity of automotive transportation aligns directly with the ARPA-E mission areas of reducing energy imports, improving the efficiency of energy usage and reducing energy-related emissions, while promoting US innovation and competitiveness.
**Deadline for Concept Papers:** **May 24, 2016**

**Department of Energy - FY2016 Methane Hydrates**
The intent of this Department of Energy (DOE), National Energy Technology Laboratory (NETL) funding opportunity announcement (FOA) is to solicit applications for selection and award in FY 2016 that focus on fundamental research assessing the scale, development, and nature of hydrate-bearing geological systems, the role of these systems in the natural environment (including geohazards and potential feedbacks to changing global climate), the potential of these systems for commercial recovery of methane, and the potential environmental implications of methane hydrate resource recovery.
**Deadline:** **May 27, 2016**

**National Aeronautics and Space Administration - Terrestrial Hydrology (ROSES 2016)**
The NASA Terrestrial Hydrology program (THP) has the scientific objective to use remote sensing to develop a predictive understanding of the role of water in land-atmosphere interactions and to further the scientific basis of
water resources management. Particular emphasis is placed on the application of satellite-based remotely sensed data for characterizing, understanding, and predicting the terrestrially linked components of the hydrologic cycle and the dynamics of large-scale river basins.

Deadlines:
Notice of Intent: **May 13, 2016**
Proposal: **July 15, 2016**

**National Science Foundation - Cyberlearning and Future Learning Technologies (Cyberlearning)**

The purpose of the **Cyberlearning and Future Learning Technologies** program is to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to advance three interconnected thrusts:

- **Innovation**
- **Advancing understanding of how people learn in technology-rich learning environments**
- **Promoting broad use and transferability of new genres**

Awards will be made in three research categories, each focusing on a different stage of research and development: Exploration (EXP), Design and Implementation (DIP), and Integration (INT). The program will also support small Capacity-Building Projects (CAP), e.g., conferences, workshops, and partnership-building activities, and will continue to participate in NSF's Foundation-Wide programs: EAGER, RAPID, INSPIRE, and CAREER.

**Deadlines:**
- **Letter of Intent Deadline Date: May 9, 2016:** Letter of Intent: Integration (INT) Projects only
- **Full Proposals:**
  - **July 11, 2016:** Integration Projects (INTs)
  - **July 29, 2016:** Capacity-Building Projects (CAPs)
  - **December 5, 2016:** Capacity-Building Projects (CAPs)
  - **December 16, 2016:** Exploration Projects (EXPs)
  - **January 16, 2017:** Development and Implementation (DIPs)
  - **March 31, 2017:** Capacity-Building Projects (CAPs)

**National Science Foundation - Dear Colleague Letter: National Science Foundation, Directorate for Social, Behavioral & Economic Sciences (NSF/SBE) and US-Israel Binational Science Foundation (BSF) Opportunity for Collaborations in Economics and Psychology**

To facilitate the support of collaborative work between US groups and their Israeli counterparts, NSF’s Directorate for Social, Behavioral & Economic Sciences (SBE) and the BSF have recently signed a Letter of Intent that outlines a review process for projects in Economics and Psychology. International collaborations are invited to submit proposals in the areas described in the following SBE programs:

- **Division of Behavioral and Cognitive Sciences Core Programs:**
- **Social Psychology (PD 98-1332)**
- **Perception, Action, and Cognition (PD 09-7252)**
- **Cognitive Neuroscience (PD 15-1699)**
- **Developmental and Learning Sciences (PD 08-1698)**
- **Division of Social and Economic Sciences Core Programs:**
- **Economics (PD 98-1320)**
- **Decision, Risk and Management Sciences (PD 98-1321)**

**Deadlines Vary**

**Department of Commerce - NOAA Science Collaboration Program**

The NOAA Science Collaboration Program (NSCP) represents an effort to support the development of undergraduate, graduate, and postdoctoral researchers and scientists with expertise in NOAA-related sciences. This will be accomplished through collaborations between these scientists and professionals in areas of mutual interest across the full spectrum of NOAA sciences. It is expected that some of the scientists will collaborate onsite at NOAA facilities and laboratories. NOAA will also support associated workshops that will serve to further enhance collaborative relationships. NOAA is also interested in supporting complementary earthsystems modeling efforts.
in areas such as hydrology and coastal dynamics which can serve as a catalyst for collaborations between NOAA professionals and scientists supported through this program.

NOAA will also support social science research that evaluates the impact of NOAA-related science to society and seeks to find ways to determine how environmental and related sciences can be communicated and utilized more effectively to protect life and property, assist decision makers, and enhance economic development.

**Deadline:** June 13, 2016

**Robert Wood Johnson Foundation - The Mood Challenge**
Psychology, evolutionary biology, psychiatry, economics, and many other fields have studied human mood for decades. While many theories have been developed, the full complexity of this macro-measure of mental and emotional condition is still a mystery. Mobile devices provide an unprecedented opportunity to investigate mood through the careful collection of active and passive data. To capture this opportunity, the Mood Challenge for ResearchKit calls on researchers, technologists, and data scientists to submit proposals for ResearchKit studies that will further our understanding of mood, its correlates, and its relation to social context through the novel interpretation of signals from iPhone, related sensors, and other data sources.

**Deadline:** May 22, 2016

**Medical/Health/Behavioral Sciences**

**National Institutes of Health - NIH Director’s New Innovator Award Program (DP2)**
The NIH Director’s New Innovator (DP2) Award initiative supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The New Innovator Award initiative complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to be the major sources of NIH support for early stage investigators. The NIH Director’s New Innovator Award initiative is a component of the [High Risk - High Reward Research Program](http://grants.nih.gov/grants/guide/pa-files/RFA-DP-16-001.html) of the NIH Common Fund.

**Deadline:** September 9, 2016

**National Institutes of Health - Connectomes Related to Human Disease (U01)**
This Funding Opportunity Announcement (FOA) invites applications to build on the data collected using the very well defined experimental protocols of the Human Connectome Project (HCP) ([http://www.neuroscienceblueprint.nih.gov/connectome/](http://www.neuroscienceblueprint.nih.gov/connectome/)). Applications are sought that will apply the Human Connectome data collection protocol to disease/disorder cohorts of interest to the Institutes and Centers that are participating in this FOA. These cohorts will be defined by the applicant and can include subjects with specific symptoms or conditions, with comorbid conditions, with a specific genetic profile, or other applicant defined criteria.

**Deadline:** July 14, 2016

**Burroughs Wellcome Fund - Investigators in the Pathogenesis of Infectious Diseases (PATH)**
The Investigators in the Pathogenesis of Infectious Disease program provides opportunities for assistant professors to bring multidisciplinary approaches to the study of human infectious diseases. The goal of the program is to provide opportunities for accomplished investigators still early in their careers to study what happens at the points where the systems of humans and potentially infectious agents connect. The program supports research that sheds light on the fundamentals that affect the outcomes of these encounters: how colonization, infection, commensalism, and other relationships play out at levels ranging from molecular interactions to systemic ones.

**Deadlines:**
Pre-proposal: July 15, 2016
Invited Application: November 15, 2016
American Heart Association - National Scientist Development Grant Program
http://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443318_Scientist-Development-Grant.jsp
The objective of this program is to support highly promising beginning scientists in cardiovascular and stroke research between their initial research training and their complete independence. All basic, clinical, and population research broadly related to cardiovascular disease and stroke are of interest. Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems.
Deadline: July 26, 2016

American Heart Association - Established Investigator Award
http://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_321935_Association-wide-Established-Investigator-Award.jsp
The objective of this program is to support mid-career investigators with unusual promise and an established record of accomplishments; candidates have a demonstrated commitment to cardiovascular or cerebrovascular science as indicated by prior publication history and scientific accomplishments. A candidate’s career is expected to be in a rapid growth phase. All basic, clinical, and population research broadly related to cardiovascular disease and stroke are of interest. Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems.
Deadline: July 26, 2016

National Institutes of Health - Exploratory Grants in Cancer Epidemiology and Genomics Research (R21)
This funding opportunity announcement (FOA) invites applications for research on cancer epidemiology, genomics, and risk assessment. The overarching goal is to provide support to promote the early and conceptual stages of research efforts on novel scientific ideas that have the potential to substantially advance cancer research, such as improving epidemiologic study data collection; validating measurement of exposures in body fluids and tissues; applying epigenetic or metabolomic approaches to cancer epidemiology research; developing and applying novel strategies for discovery of risk variants for rare cancers; understanding the population genetic architecture of cancer in understudied populations; or validating methods to extract, collect, and synthesize clinical data via electronic medical records for use in observational studies of cancer patients and survivors.
Deadlines: February 16, June 16, October 16

Department of Defense, Congressionally Directed Medical Research Programs (CDMRP) -- Lung Cancer Research Program
This program has released several funding announcements. For all, the deadlines are:
• Pre-Application - June 9, 2016
• Application - September 14, 2016
  Idea Development Award
  http://www.grants.gov/web/grants/view-opportunity.html?oppId=282895
  The Idea Development Award promotes new ideas that are still in the early stages of development and have the potential to yield impactful data and new avenues of investigation. This award supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths from lung cancer. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale.

  Investigator-Initiated Translational Research Award
  http://www.grants.gov/web/grants/view-opportunity.html?oppId=282897
  The Investigator-Initiated Translational Research Award (IITRA) supports translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of
patient care. The ultimate goal of translational research is to move a concept or observation forward into clinical application. However, Principal Investigators (PIs) should not view translational research as a one-way continuum from bench to bedside. The research plan must involve a reciprocal flow of ideas and information between basic and clinical science.

**Clinical Exploration Award**

The Clinical Exploration Award (CEA) mechanism supports rapid execution of early-phase, proof-of-principle clinical trials to examine hypothesis-based, innovative interventions that have the potential to resolve current clinical barriers and result in a profound impact on the clinical management of lung cancer. While therapeutic approaches proposed for testing through the CEA must represent novel, hypothesis-based, “outside-the-box” approaches for treating lung cancer, they may include therapies already in clinical use, or undergoing clinical testing for other diseases, provided that the proposed use for lung cancer would lead to a major advancement for treating the disease. Outcomes from studies funded by this award are anticipated to provide scientific rationale for subsequent development of larger, efficacy-based clinical trials of interventions that will transform lung cancer clinical care.

**Career Development Award**

The Career Development Award supports early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher as a DoD FY15 Lung Cancer Career Development Award opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of lung cancer research. This award is intended to support impactful research projects with an emphasis on discovery. Preliminary data are not required. However, logical reasoning and a sound scientific rationale for the proposed research must be demonstrated.