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:

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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.

National Science Foundation Grants conference - Webcast
The Fall 2016 National Science Foundation (NSF) Grants Conference Webcast is now available on YouTube, and may be accessed here. Topics include: Types of NSF Funding Opportunities, Proposal Preparation, Award Management, the Merit Review Process, the Faculty Early Career Development (CAREER) Program, and more. Presentations are also available on the conference website.

Opportunities for Students

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

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

Water Environment Research Federation - WEF Canham Graduate Studies Scholarship
http://www.wef.org/membership/awards-recognition/WEF-awards/Canham-graduate-studies-scholarship/
This scholarship provides $25,000 for a post-baccalaureate student in the water environment field. The scholarship is for education related expenses such as room and board, tuition and books. The scholarship may not be used to cover stipends or wages. Deadline: March 1, 2017
Washington Center for Internships and Academic Seminars - Internships at Nonprofits
http://www.twc.edu/internships/washington-dc-programs/dates-deadlines
The Center works to arrange the very best internship opportunities in D.C. for graduate and undergraduate students by coordinating with highly regarded companies, international organizations, nonprofits and key government agencies and offices. TWC’s programs cater to students pursuing careers in political science, business, advocacy, broadcast journalism, the arts, international affairs, criminal justice and many other areas. Internship placements are not tied to a program, so all interns have access to the sites they’re most interested in.
Deadlines:
Summer Term, Summer Quarter and Postgraduate Summer
Priority Deadline: February 15, 2017
Regular Deadline: March 15, 2017
Fall Semester and Postgraduate Fall
Priority Deadline: May 3, 2017
Regular Deadline: June 7, 2017

Oak Ridge Associated Universities - Summer ORISE Fellowship Opportunity at the FDA
https://www.zintellect.com/Posting/Details/2822
Summer research opportunities are available at the National Center for Toxicological Research (NCTR), U.S. Food and Drug Administration (FDA) in Jefferson, Arkansas. Selected individuals will participate in research projects on the biological effect of potentially toxic chemicals and the solutions to toxicology problems that have a major impact on human health and the environment. The appointment period is full-time for up to 10 weeks beginning May 22, 2017. The participant will receive a monthly stipend commensurate with educational level and experience.
Deadline: February 17, 2017

International Opportunities

US Agency for International Development - India Partnerships Program (IPP)
Through this solicitation, USAID/India announces its desire to engage in new—or to expand existing—public and private sector partnerships for India in priority areas defined by the Government of India (GOI) and the United States Government (USG). The IPP supports testing, adoption and scaling of creative or innovative solutions to meet development challenges in the areas of health, food security, clean energy, gender equality, female empowerment, maternal and child health, prevention and treatment of infectious diseases, affordable health care, water and sanitation access, early grade reading, promotion of clean and renewable energy, forestry, food security, triangular cooperation, gender and financial inclusion. USAID/India is interested in providing financial or non-financial support to partners to realize concepts and ideas that hold promise in the focus areas.
Deadline: Applicants may submit a Concept Paper at any time. Closing Date is March 30, 2017

Arts and the Humanities

Terra Foundation for American Art - Exhibition Program
http://www.terraamericanart.org/what-we-offer/grant-fellowship-opportunities/exhibition-grants/
Recognizing the importance of experiencing original works of art firsthand, the Terra Foundation supports exhibitions that increase the understanding and appreciation of historical American art (circa 1500–1980). The foundation has an interest in exhibitions that add an international dimension to the study or presentation of historical American art or take place in Chicago, where they are headquartered. “International dimensions” vary by project, but include:
- A venue outside the United States,
- A focused thesis that makes a significant contribution to scholarship on historical American art in an international context, and/or
• An international curatorial team.

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

Deadline for Letters of Inquiry: March 1, 2017

**J.M. Kaplan Fund - Furthermore Grants in Publishing**

http://www.furthermore.org/

The Furthermore program is concerned with nonfiction book publishing about the city; natural and historic resources; art, architecture, and design; cultural history; and civil liberties and other public issues of the day. Our grants apply to writing, research, editing, design, indexing, photography, illustration, and printing and binding. We look for work that appeals to an informed general audience; gives evidence of high standards in editing, design, and production; promises a reasonable shelf life; might not otherwise achieve top quality or even come into being; and represents a contribution without which we would be the poorer. Book proposals to which a university press or trade publisher is already committed and for which there is a feasible distribution plan are usually preferred.

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

Deadline: March 1; September 1.

**National Archives & Records Administration - Publishing Historical Records in Documentary Editions**


The goal of this program is to provide access to, and editorial context for, the historical documents and records that tell the American story. The NHPRC encourages projects, whenever possible and appropriate, to provide free access to these materials in an open online environment, without precluding other forms of publication. Projects may also prepare print editions as part of their overall publishing plan.

Deadlines:

**First Deadline**
Funding Opportunity Number: EDITIONS-201706
Draft (optional): April 7, 2017
Final Deadline: June 14, 2017
NHPRC support begins no earlier than January 1, 2018.

**Second Deadline**
Funding Opportunity Number: EDITIONS-201710
Draft (optional): August 4, 2017
Final Deadline: October 5, 2017
NHPRC support begins no earlier than July 1, 2018.

**National Endowment for the Humanities - Summer Seminars and Institutes Grants**

http://www.neh.gov/grants/education/summer-seminars-and-institutes

These grants support professional development programs in the humanities for school teachers and for college and university faculty. NEH Summer Seminars and Institutes may be as short as one week or as long as four weeks.

NEH Summer Seminars and Institutes:
• provide models of excellent teaching;
• provide models of excellent scholarship;
• broaden and deepen understanding of the humanities;
• focus on the study and teaching of significant topics, texts, and other sources;
• contribute to the intellectual vitality of participants; and
• build communities of inquiry.

Deadlines:
Optional Draft Proposals: January 31, 2017
Application: March 1, 2017

**National Endowment for the Humanities - Institutes for Advanced Topics in the Digital Humanities**


The Institutes for Advanced Topics in the Digital Humanities program supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about
advanced technology tools and methodologies relevant to the humanities. The projects may be a single opportunity or offered multiple times to different audiences. Institutes may be as short as a few days and held at multiple locations or as long as six weeks at a single site.
Deadline: March 14, 2017

Education, Business and Social Sciences

Department of Education, Institute of Education Sciences (IES) -- Unsolicited Grant Opportunities
http://ies.ed.gov/funding/unsolicited.asp
The Institute of Education Sciences (the Institute) will consider unsolicited applications for research, evaluation, and statistics projects that would make significant contributions to the mission of the organization. Under this announcement, the Institute can consider applications for projects that are not eligible under the Institute’s current grant competitions. The Institute’s National Center for Special Education Research restricted the focus of the FY 2017 Special Education research grants competition to research on teachers and other instructional personnel.
Deadline for Prospectus: March 7, 2017

Open Society Institute - Fellowship
http://www.opensocietyfoundations.org/grants/open-society-fellowship
The Open Society Fellowship was founded in 2008 to support individuals pursuing innovative and unconventional approaches to fundamental open society challenges. The fellowship funds work that will enrich public understanding of those challenges and stimulate far-reaching and probing conversations within the Open Society Foundations and in the world. For the current application round, the Open Society Fellowship invites proposals relevant to the following propositions:
   Human rights are under siege everywhere. Why?
   1. Those who carry out human rights analysis and reporting have been seduced by legal frameworks and largely ignore imbalances of power that lead to rights violations.
   2. Political leaders increasingly play on fears that human rights are a Trojan Horse, threatening societies by promising rights to dangerous “others.”
Deadline to submit letters of inquiry: March 1, 2017

Department of Education - Office of Elementary and Secondary Education (OESE): College Assistance Migrant Program (CAMP) CFDA Number 84.149A
http://www.grants.gov/web/grants/view-opportunity.html?oppId=291132
The purpose of CAMP is to provide academic and financial support to help migrant and seasonal farmworkers and members of their immediate family complete their first year of college and continue in postsecondary education.
Deadline: March 10, 2017

National Institutes of Health - Targeted Basic Behavioral and Social Science and Intervention Development for HIV Prevention and Care (R01, R21)
This Funding Opportunity Announcement (FOA) solicits innovative, targeted basic behavioral and social science and intervention development research to reduce incident HIV infections and improve the health of those living with HIV. This FOA encourages research designed to (a) conduct basic behavioral and social science research that is needed to advance the development of HIV prevention and care interventions, (b) translate and operationalize the findings from these basic studies to develop interventions and assess their acceptability and feasibility and (c) conduct tests of the efficacy of HIV prevention and care interventions.
The above link uses the R01 grant mechanism while PA-17-105 uses the R21 mechanism.
Deadlines: May 7, September 7, January 7

National Institutes of Health - Reducing Health Disparities Among Minority and Underserved Children (R01, R21)
This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that
incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion prevention and interventions conducted in traditional and non-traditional settings.

Although the above link uses the R01 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, PA-17-117, which uses the exploratory/developmental (R21) grant mechanism.

**Deadlines:**
- R01: February 5, June 5, October 5
- R21: February 16, June 16, October 16
- AIDS Applications: January 7, May 7, September 7

**Department of Justice - W.E.B. DuBois Program of Research on Race and Crime**
http://www.grants.gov/web/grants/view-opportunity.html?oppId=291097

The W.E.B. Du Bois Program supports quantitative and qualitative research on the intersections of race, offending, victimization, and the fair administration of justice for both juveniles and adults. It furthers the Department’s mission by advancing knowledge regarding the confluence of crime, justice, and culture in various societal contexts. This solicitation seeks investigator-initiated proposals to conduct research on topics linked to race and crime in the context of violence and victimization, crime and crime prevention, and justice systems. Applicants may propose research on other topics that are clearly linked to research on race and crime; however, priority consideration will be given to proposals to study:

- Homicide and other violence in minority communities
- Criminal court topics including screening and assessment, legal defense systems, and sentencing reform

NIJ seeks applications in two funding categories:

1. **W.E.B. Du Bois Scholars in Race and Crime Research** – Researchers who are advanced in their careers (awarded a terminal degree at least six years prior to December 30, 2017) may apply for 36-month (or less) grants with funding up to $500,000 for research that excludes projects that only analyze secondary data; a plan for Principal Investigator(s) (PIs) to mentor less experienced researchers is required.

2. **W.E.B. Du Bois Fellowship for Research on Race and Crime** – Researchers who are early in their careers (awarded a terminal degree within six years prior to December 30, 2017) may apply for 24-month (or less) grants with funding up to $100,000 for secondary data analysis projects, or up to $150,000 for research projects involving primary data collection; residency at NIJ is encouraged, but is not required.

**Deadline:** March 31, 2017

**National Institute of Justice - FY17 Research and Evaluation in Safety, Health and Wellness in the Criminal Justice System**
http://www.grants.gov/web/grants/view-opportunity.html?oppId=291029

The purpose of this solicitation is to promote multidisciplinary research in the area of safety, health, and wellness for the criminal justice community in support of the NIJ Safety, Health, and Wellness Strategic Research Plan 2016-2021. Applicants should submit proposals that address one of the three categories:

1) Causes and effects of stress and trauma on: (a) law enforcement and corrections officers or (b) individuals in violent communities;

2) Impact of parental jail incarceration on children; and

3) The efficacy of services, strategies, policies, and processes within the criminal or juvenile justice system that serve as responses to children exposed to violence.

**Deadline:** March 23, 2017

**Department of Justice - Investigator-Initiated Research and Evaluation on Firearms Violence**
http://www.grants.gov/web/grants/view-opportunity.html?oppId=291195

NIJ seeks applications for funding for investigator-initiated research and evaluation projects related to reducing firearms violence and understanding the causes and effects of firearms violence. This solicitation aims to strengthen NIJ’s knowledge base and improve public safety by producing findings with practical implications for reducing firearms violence. This solicitation is focused specifically on producing research related to intentional, interpersonal firearms violence.

**Deadline:** March 24, 2017
Department of Justice - Research and Evaluation on Drugs and Crime

http://www.grants.gov/web/grants/view-opportunity.html?oppId=291181

NIJ is committed to supporting research on policies, practices, and resources available to law enforcement to deter, prosecute, and address opioid abuse. With this solicitation, NIJ seeks proposals for applied research to support: narcotics, forensic science, and medicolegal death investigation and prosecution; and drug intelligence and community surveillance. These activities are crucial to understanding drug markets and use trends, identifying drug deterrent and interdiction opportunities, and pursuing organized crime targets.

Deadline: March 23, 2017

Science, Mathematics and Engineering

Department of Defense - Research Interests of the Air Force Office of Scientific Research -- BAA-AFRL-AFOSR-2016-0007

http://www.grants.gov/web/grants/view-opportunity.html?oppId=285269

AFOSR solicits proposals for basic research through this general Broad Agency Announcement (BAA). This BAA outlines the U.S. Air Force Defense Research Sciences Program. AFOSR invites proposals for research in many broad areas. The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in five scientific directorates:

- Dynamical Systems and Control (RTA)
- Quantum & Non-Equilibrium Processes (RTB)
- Information, Decision, and Complex Networks (RTC)
- Complex materials and Devices (RTD)
- Energy, Power, and Propulsion (RTE)

AFOSR is seeking unclassified, white papers and proposals that do not contain proprietary information. We expect our research to be fundamental.

Deadline: This announcement remains open until superseded. Proposals are reviewed and evaluated as they are received. Proposals may be submitted at any time.

National Institutes of Health - Development of Socially-Assistive Robots (SARs) to Engage Persons with Alzheimer’s Disease (AD) and AD-Related Dementias (ADRD), and their Caregivers (R41/R42, R433/R44)


The purpose of this Small Business Technology Transfer Research (STTR) FOA is to encourage small businesses and their research partners to develop assistive robotics and related technology that would enhance health and reduce illness and disability in older Americans suffering from Alzheimer’s Disease (AD), AD-related dementias (ADRD), and other comorbidities. In addition, this FOA encourages small businesses and their research partners to develop assistive robotics addressing the needs and conditions of caregivers to older Americans suffering from AD and ADRD.

The above link is for the R41/R42 mechanism. Companion FOA: PAR-17-108 is for the SBIR R43/R44-Phase I, Phase II, and Fast Track

Deadlines:
- Letter of Intent: 30 days prior to the application due date
- SBIR/STTR Application: April 5, September 5, January 5

Department of Health and Human Services, Administration for Community Living -- Disability and Rehabilitation Research Projects (DRRP) Program: Using Robotics and Automation to Improve Accessible Transportation Options for Individuals with Disabilities

http://www.grants.gov/web/grants/view-opportunity.html?oppId=290866

The purpose of DRRP is to improve the effectiveness of services authorized under the Rehabilitation Act by developing methods, procedures, and rehabilitation technologies that advance a wide range of independent living, employment, and health outcomes for individuals with disabilities, especially individuals with the most significant disabilities. The Administrator of the Administration for Community Living establishes a priority to (a) advance the application of robotics and automation to enhance accessible
transportation for travelers with disabilities and (b) improve opportunities for a seamless travel chain that meets the needs of the diversity of travelers with disabilities, e.g., mobility, vision, hearing and cognitive disabilities. One of the outcomes of this work will be the identification of technology solutions in robotics and automation that enhance and improve transportation alternatives for individuals with disabilities including veterans with disabilities and older adults. Products should emphasize principles of universal design and inclusive information and communication technology (ICT).

Deadlines:

Letter of Intent: **February 9, 2017**
Application: **March 21, 2017**

**National Science Foundation - STEM + Computing Partnerships (STEM+C)**


The STEM + Computing Partnerships program seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics (STEM), and computing by K-12 students and teachers through research on, and development of, courses, curriculum, course materials, pedagogies, instructional strategies, models, or pedagogical environments that innovatively integrate computing into one or more other STEM disciplines, or integrate STEM content into the teaching and learning of computing. In addition, STEM+C seeks to build capacity in K-12 computing education with foundational research and focused teacher preparation. Projects in the STEM+C program should build on research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects.

The program offers proposers two tracks: (1) Integration of Computing in STEM Education and (2) Computing Education Knowledge and Capacity Building. The second track is discipline-specific and may be expanded to include additional disciplines in future releases of the solicitation.

**Deadlines:** **March 29, 2017**

**National Science Foundation - Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)**


The BIGDATA program seeks novel approaches in computer science, statistics, computational science, and mathematics, along with innovative applications in domain science, including social and behavioral sciences, education, biology, the physical sciences, and engineering that lead towards the further development of the interdisciplinary field of data science. The solicitation invites two categories of proposals:

- **Foundations (F):** those developing or studying fundamental theories, techniques, methodologies, and technologies of broad applicability to big data problems, motivated by specific data challenges and requirements; and

- **Innovative Applications (IA):** those engaged in translational activities that employ new big data techniques, methodologies, and technologies to address and solve problems in specific application domains. Projects in this category must be collaborative, involving researchers from domain disciplines and one or more methodological disciplines, e.g., computer science, statistics, mathematics, simulation and modeling, etc.

**Deadline:** **March 22, 2017**

**National Science Foundation - Cyber-Physical Systems (CPS)**


The goal of the CPS program is to develop the core system science needs to engineer complex cyber-physical systems that people can use or interact with and depend upon. Some of these may require high-confidence or provable behaviors. The program aims to foster a research community committed to advancing research and education in CPS and to transitioning CPS science and technology into engineering practice. By abstracting from the specific systems and application domains, the CPS program seeks to reveal cross-cutting fundamental scientific and engineering principles that underpin the integration of cyber and physical elements across all application sectors. To expedite and accelerate the realization of cyber-physical systems in a wide range of applications, the CPS program also supports the development of methods, tools, and hardware and software components based upon these cross-cutting principles, along with validation of the principles via prototypes and testbeds.

**Deadline:** **March 6, 2017**
US Department of Agriculture - Biotechnology Risk Assessment Grants Program
http://www.nifa.usda.gov/funding/rfas/biotech_risk.html
The purpose of the BRAG program is to support the generation of new information that will assist Federal regulatory agencies in making science-based decisions about the effects of introducing into the environment genetically engineered organisms (GE), including plants, microorganisms — such as fungi, bacteria, and viruses — arthropods, fish, birds, mammals and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant.
Deadlines:
Required Letter of Intent: January 26, 2017
Application: March 30, 2017

Department of Defense, Office of Naval Research (ONR) - Immersive Sciences for Training, Education, Mission Rehearsal, and Operations
http://www.grants.gov/web/grants/view-opportunity.html?oppId=290978
The Office of Naval Research, Expeditionary Maneuver Warfare and Combating Terrorism S&T Department (Code 30) is soliciting white papers and proposals for basic research in immersive sciences. The Navy and Marine Corps seeks to use augmented reality (AR) and mixed reality technologies to improve training and operations for infantry combat personnel; with a specific focus on small unit leaders (e.g. Squad Leader). This includes a range of applications, including augmented training environments that can simulate environments, assets, and friendly/opposing forces and operational tools that can overlay useful virtual information onto the real-world environment. The Immersive Sciences research program seeks to address basic research challenges in three key areas: automated methods for generating content and/or behaviors for use augmented and mixed reality technologies (with an emphasis on AR); valid, reliable, and objective measures of presence and immersion; and a human-factors based taxonomy of visualization and interaction in AR.
Deadlines:
Optional White Papers: February 1, 2017
Proposals: March 9, 2017

Department of Energy - Regional Energy Technology Innovation Ecosystems Characterization Assessments
http://www.grants.gov/web/grants/view-opportunity.html?oppId=290979
The purpose of this funding opportunity is to fund analytic studies that assess the possibilities and challenges associated with developing a multi-state region’s energy innovation ecosystem to meet the energy needs and opportunities of that region. These innovation ecosystems often include innovation clusters at the scale of a metropolitan area from a core group of research universities or companies. These innovation clusters are typically driven by the interaction of early stage technology ideas or firms with financing and related companies in a geographically concentrated area that has an enabling environment (e.g. supportive state policies and market pull). Geographic proximity encourages rapid commercialization through increased communication and collaboration among the organizations. The classic example of a broad ranging innovation cluster is Silicon Valley. The analytic studies under this FOA would address how a strategy for a multi-state region could expand and accelerate the pace of innovation in energy through a regional ecosystem which might encompass more than one innovation cluster within a larger energy policy, market, industrial, and resource setting.
Deadlines:
Notice of Intent: January 18, 2017
Application: February 28, 2017

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
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.
Deadlines: March 3, 2017; July 7, 2017; October 27, 2017
Department of Energy - Creating Innovative and Reliable Circuits Using Inventive Topologies and Semiconductors (CIRCUITS)
http://www.grants.gov/web/grants/view-opportunity.html?oppId=291152
The CIRCUITS (Creating Innovative and Reliable Circuits Using Inventive Topologies and Semiconductors) program seeks to accelerate the development and deployment of a new class of efficient, lightweight, and reliable power converters based on wide bandgap (WBG) semiconductors through transformational system-level advances that enable effective operation at high switching frequency, high temperature, and low loss. Areas of particular interest for the CIRCUITS program include novel circuit topologies, advanced control and drive electronics, and innovative packaging. Such technological breakthroughs would catalyze the adoption of higher performance power converters in various critical applications (motor drives, automotive, power supplies, data centers, aerospace, ship propulsion, rail, distributed energy, and the grid) that offer significant direct and indirect energy savings and emissions reductions across electricity generation, transmission and distribution, and load-side consumption.
Deadline for Concept Papers: February 20, 2017

Department of Energy, Office of Science -- Subsurface Biogeochemical Research
http://www.grants.gov/web/grants/view-opportunity.html?oppId=290915
The goal of the SBR program is to advance a robust predictive understanding of how watersheds function as complex hydrobiogeochemical systems and how these systems respond to perturbations caused by changes to climate, land use/cover, contaminant loading and compounding disturbances. Using an iterative approach to model-driven experimentation and observation, interdisciplinary teams of scientists work to unravel the coupled physical, chemical and biological processes that control the structure and functioning of terrestrial environments across vast spatial and temporal scales.
Deadlines:
Required Pre-Application: February 7, 2017
Full Application: April 5, 2017

National Aeronautics and Space Administration - Remote Sensing of Water Quality (ROSES 2016)
https://nspires.nasa.gov/external/solicitations/summary.do?method=init&solId=%7B0E7A02B8-57FB-A842-9EDF-480BE571D420%7D&path=open
NASA seeks proposals that will improve and exploit the capability of Earth Observing Satellites to remotely sense water quality from space. NASA encourages proposals that also assess the impacts of water quality on ecosystem and habitat health.
Deadlines:
Notice of Intent: January 18, 2017
Proposals: March 8, 2017

Eppley Foundation for Research - Support for Advanced Scientific Research
http://foundationcenter.org/grantmaker/eppley/
The Foundation funds projects in biological and physical sciences. Areas of interest include innovative medical investigations, endangered species and ecosystems in the U.S. and abroad, and climate change. The Foundation does not support work in the social sciences, education or computer science, and only rarely funds research into diseases that have considerable financial support available, such as AIDS, diabetes, cancer and heart disease. The Foundation does not fund work that can qualify for funding from conventional sources such as the National Science Foundation or the National Institutes of Health, or similar agencies at the state level.
If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu
Deadlines for Letters of inquiry: March 15, September 15.

Medical/Health/Behavioral Sciences

Melanoma Research Foundation – Research Grants
https://www.melanoma.org/research-center/research-grants/the-grant-process
The Melanoma Research Foundation (MRF) is committed to advancing research across the spectrum of melanoma – from prevention through diagnosis, staging and treatment. The MRF proactively partners with the NCI, Congress, the Department of Defense and other foundations to develop and collaborate on a broad agenda for melanoma
research that takes full advantage of all opportunities, while also sharing challenges. Types of awards offered in 2017 are:

- **Established Investigator Awards (EIA):** The EIs provide funding of up to $100,000 per year for two years to established melanoma researchers, or senior researchers working in closely related fields who wish to move into melanoma research.
- **Career Development Awards (CDA):** The CDAs provide funding of up to $50,000 per year for two years to junior investigators. Researchers who are beginning a research career focused on melanoma and have not yet established strong federal funding for their research are eligible. *In 2017, we have funding to support at least one grant specific to resistance to BRAF and MEK inhibition.*
- **Medical Student Awards:** The Medical Student Awards provide funding of up to $3,000 for one year to medical students at accredited U.S. medical schools or institutions. These awards provide opportunities and funding for medical students to engage in short clinical or laboratory-based research projects focused on better understanding the biology and treatment of melanoma.

**Deadline:** March 1, 2017

**Partnership for Clean Competition - Grants to Study Anti-Doping Testing in Sports**
The PCC has supported world-class research since 2008, spending more than $16.0 M to support novel science. Research and grant-making are the foundation of the PCC and are the focus of everyday business activity. With an emphasis on original work that focuses on improving existing analytical methods for detecting particular drugs, developing new analytical methods to test for substances not currently detectable, and discovering cost-effective approaches for testing widely abused substances across all levels of sport, the following areas of investigation reflect the PCC’s current research priorities:

- Developing methods of cost-effective testing to detect and deter the use of banned and illegal substances.
- Developing testing protocols to detect designer substances used for doping purposes.
- Improving existing analytical methods to detect particular drugs, ex. GH, IGF-1, EPO, hCG.
- Developing analytical methods to detect performance enhancing drugs not currently detectable.
- Longitudinal urinary excretion patterns, metabolism and dose-concentration.
- Critical reviews to support interpretation of laboratory data.
- Alternative specimens, (ex. oral fluid, dried blood/plasma spots) for testing.

**Deadlines:** Pre-Applications are reviewed three times per year - March 1, July 1, and November 1.

**American Diabetes Association - Core Research Program**
[http://professional.diabetes.org/meetings/core-program](http://professional.diabetes.org/meetings/core-program)
The American Diabetes Association’s Core Research Program funds research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that hold significant promise for advancing the prevention, cure or treatment of diabetes. Basic, clinical, translational and epidemiological or health services research approaches are encouraged. Several grant mechanisms are offered:

**Research Awards**
- Innovative Basic Science (IBS)
- Innovative Clinical or Translational Science (ICTS)

**Development Awards**
- Junior Faculty Development (JFD)

**Training Awards**
- Postdoctoral Fellowship (PDF)
- Minority Postdoctoral Fellowship (PMF)
- Minority Undergraduate Internship (MUI)

**Deadline:** April 17, 2017

**National Institutes of Health - Targeted Basic Behavioral and Social Science and Intervention Development for HIV Prevention and Care (R01, R21)**
This Funding Opportunity Announcement (FOA) solicits innovative, targeted basic behavioral and social science and intervention development research to reduce incident HIV infections and improve the health of those living with HIV. This FOA encourages research designed to (a) conduct basic behavioral and social science research that is
needed to advance the development of HIV prevention and care interventions, (b) translate and operationalize the findings from these basic studies to develop interventions and assess their acceptability and feasibility and (c) conduct tests of the efficacy of HIV prevention and care interventions.

The above link uses the R01 grant mechanism while PA-17-105 uses the R21 mechanism.

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

**National Institutes of Health - Reducing Health Disparities Among Minority and Underserved Children (R01, R21)**


This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion prevention and interventions conducted in traditional and non-traditional settings.

Although the above link uses the R01 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, PA-17-117, which uses the exploratory/developmental (R21) grant mechanism.

**Deadlines:**

R01: **February 5, June 5, October 5**

R21: **February 16, June 16, October 16**

AIDS Applications: **January 7, May 7, September 7**