Funding Opportunities Newsletter
Office of Sponsored Programs
Proposal Development
June 10, 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 review/editing assistance with a proposal, please contact Carol Brodie at 5-1328, carol.brodie@unlv.edu. 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>NEH</td>
<td>Summer Stipends</td>
<td>8/19/2016</td>
</tr>
<tr>
<td>NSF</td>
<td>Research Traineeship Program (NRT)</td>
<td>7/7/16</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.

U.S. Department of Education – IES Research Funding Webinars Schedule
http://ies.ed.gov/funding/webinars/
The National Center for Special Education Research and the National Center for Education Research within the Institute of Education Sciences will host a series of webinars related to research funding opportunities in May, June and July of 2016.

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

American Councils for International Education - Grant Competitions for Graduate Students
http://researchfellowships.americancouncils.org/graduatestudents
Students with US Citizenship (or Permanent Residents) who are currently enrolled in a Master's degree program are eligible for the following:

Title VIII Combined Research and Language Training Program - Provides full support for research and approximately ten hours per week of advanced language instruction for three to nine consecutive months in Central Asia, Russia, the South Caucasus, Southeast Europe, Moldova and Ukraine.
Title VIII Research Scholar Program - Provides full support for three to nine consecutive month research trips to Central Asia, Russia, the South Caucasus, Southeast Europe, Moldova and Ukraine.
Deadline: October 1, 2016

International Opportunities

Health Resources and Services Administration - Resilient and Responsive Health Systems (RRHS) Initiative
http://www.grants.gov/web/grants/view-opportunity.html?oppId=284400
This announcement solicits applications for the Resilient and Responsive Health Systems (RRHS) Initiative, a five-year program to strengthen human resources for health (HRH) in order to address public health challenges like HIV/AIDS, malaria and tuberculosis in the Democratic Republic of Congo (DRC), Liberia, Sierra Leone, and South Sudan and to achieve health system resiliency. This RRHS Initiative seeks to address fundamental health systems constraints that impede the availability of and access to quality health services by supporting the implementation of countries’ national health strategies and recovery plans to respond to emerging epidemics, prevent, manage and control HIV and other diseases, and improve population health outcomes.
Deadline: August 5, 2016

Arts and the Humanities

Graham Foundation for Advanced Studies in the Fine Arts - Production & Presentation Grants and Research & Development Grants -- Grants to Individuals
http://grahamfoundation
For individuals, our priorities are to:
- Provide opportunities to create, develop, and communicate a project about architecture and the designed environment that will contribute to their creative, intellectual, and professional growth at crucial or potentially transformative stages in their careers.
- Support their efforts to take positions, develop new forms of expression, and engage debate.
- Help them communicate their work in the public realm and reach new and wider audiences.
- Support new voices by giving priority to first-time applicants.
If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu
Deadline: September 15, 2016

National Archives & Records Administration - Public Engagement with Historical Records
The National Historical Publications and Records Commission (NHPRC) of the National Archives supports projects that promote access to America’s historical records to encourage understanding of our democracy, history, and culture. The National Historical Publications and Records Commission seeks projects that encourage public engagement with historical records, including the development of new tools that enable people to engage online. The NHPRC is looking for projects that create models and technologies that other institutions can freely adopt. In general, collaborations among archivists, documentary editors, historians, educators, and/or community-based individuals are more likely to create a competitive proposal. Projects might create and develop programs to engage people in the study and use of historical records for institutional, educational or personal reasons. For example, an applicant can:
- Enlist volunteer "citizen archivists" in projects to accelerate access to historical records, especially those online. This may include, but is not limited to, efforts to identify, tag, transcribe, annotate, or otherwise enhance digitized historical records.
- Develop educational programs for K-16 students or community members that encourage them to engage with historical records already in repositories or that are collected as part of the project.

Deadlines:
Draft (optional): July 26, 2016
Final: October 6, 2016
National Endowment for the Arts - National Heritage Fellowships - Nominations Accepted
https://www.arts.gov/lifetime-honors/nea-national-heritage-fellowships/make-nomi...
To honor and preserve our nation’s diverse cultural heritage, the National Endowment for the Arts annually awards up to eight NEA National Heritage Fellowships to master folk and traditional artists. These fellowships recognize lifetime achievement, artistic excellence, and contributions to our nation's traditional arts heritage.
The folk and traditional arts, which include crafts, dance, music, oral traditions, visual arts, and others, are those that are learned as part of the cultural life of a community whose members share a common ethnic heritage, cultural mores, language, religion, occupation, or geographic region. These traditions are shaped by the aesthetics and values of a shared culture and are passed from generation to generation, most often within family and community through observation, conversation, and practice.
Nominees must be worthy of national recognition and have a record of continuing artistic accomplishment. They must be actively participating in their art form, either as practitioners or as teachers.
Nominations Due: July 25, 2016

Library of Congress - Kluge Center Fellowships for Residential Research in Humanities and Social Sciences
http://www.loc.gov/loc/kluge/fellowships/kluge.html
The John W. Kluge Center at the Library of Congress invites qualified scholars to conduct research at the Kluge Center using the Library of Congress collections and resources for a period of four to eleven months. The Kluge Center especially encourages humanistic and social science research that makes use of the Library's large and varied collections. Interdisciplinary, cross-cultural, or multi-lingual research is particularly welcome. Among the collections available to researchers are the world’s largest law library and outstanding multi-lingual collections of books and periodicals. Deep special collections of manuscripts, maps, music, films, recorded sound, prints and photographs are also available. Further information about the Library's collections can be found on the Library's website: http://www.loc.gov/rr/.
Deadline: July 15

Mockingbird Foundation - Music Education for Children
http://mbird.org/funding/guidelines/
The Mockingbird Foundation, Inc. ("Mockingbird") offers competitive grants to schools and nonprofit organizations that effect improvements in areas of importance to the Phish fan community. Our programmatic focus is music education for children, defined as follows:

- **Music**: Mockingbird is particularly interested in projects that encourage and foster creative expression in any musical form (including composition, instrumentation, vocalization, or improvisation), but also recognizes broader and more basic needs within conventional instruction. Mockingbird encourages applications associated with diverse or unusual musical styles, genres, forms, and philosophies.

- **Education**: Education may include the provision of instruments, texts, and office materials, and the support of learning space, practice space, performance space, and instructors/instruction. Mockingbird is particularly interested in projects that foster self-esteem and free expression, but does not fund music therapy which is neither education nor music appreciation which does not include participation.

- **Children**: Mockingbird is interested in targeting children eighteen years of age or younger, but will consider projects which benefit college students, teachers, instructors, or adult students. Mockingbird is particularly (though not exclusively) interested in programs which benefit disenfranchised groups, including those with low skill levels, income, or education; with disabilities or terminal illnesses; and in foster homes, shelters, hospitals, prisons, or other remote or isolated situations.

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu
Deadline for inquiries: August 1

http://www.kwf.org/pages/grant-program.html
The Kurt Weill Foundation for Music, Inc. administers, promotes, and perpetuates the legacies of Kurt Weill and Lotte Lenya. It encourages broad dissemination and appreciation of Weill's music through support of performances, productions, recordings, and scholarship; it fosters understanding of Weill's and Lenya's lives and work within diverse cultural contexts; and, building upon the legacies of both, it nurtures talent, particularly in the creation, performance, and study of musical theater in its various manifestations and media. The Foundation funds
Research and Travel Grants, Publication Assistance, Dissertation Fellowships, Educational Outreach, and College/University Performance and Production Grants.

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

**Deadline:** November 1, June 1 (June deadline will be limited exclusively to College/University Performance grants for productions taking place in the fall semester)

---

**Education, Business and Social Sciences**

**Simons Foundation - Bridge to Independence Award -- Request for Applications**
[https://sfari.org/funding/grants/bridge-to-independence-rfa/bridge-to-independence](https://sfari.org/funding/grants/bridge-to-independence-rfa/bridge-to-independence)

The Simons Foundation Autism Research Initiative (SFARI) seeks to improve the understanding, diagnosis and treatment of autism spectrum disorders by funding innovative research of the highest quality and relevance. Grants awarded through the Bridge to Independence Award program are intended to invest in the next generation of top autism investigators by identifying talented early-career scientists interested in autism research and facilitating their transition to an independent research career. This request for applications (RFA) is aimed at senior postdoctoral fellows who intend to seek tenure-track faculty positions during the 2016–17 academic year.

**Deadline for First-stage Proposals:** August 8, 2016

**Library of Congress - Kluge Center Fellowships for Residential Research in Humanities and Social Sciences**
[http://www.loc.gov/loc/kluge/fellowships/kluge.html](http://www.loc.gov/loc/kluge/fellowships/kluge.html)

The John W. Kluge Center at the Library of Congress invites qualified scholars to conduct research at the Kluge Center using the Library of Congress collections and resources for a period of four to eleven months. The Kluge Center especially encourages humanistic and social science research that makes use of the Library’s large and varied collections. Interdisciplinary, cross-cultural, or multi-lingual research is particularly welcome. Among the collections available to researchers are the world's largest law library and outstanding multi-lingual collections of books and periodicals. Deep special collections of manuscripts, maps, music, films, recorded sound, prints and photographs are also available. Further information about the Library’s collections can be found on the Library's website: [http://www.loc.gov/rr/](http://www.loc.gov/rr/).

**Deadline:** July 15

**William T. Grant Foundation Accepting Nominations for 2016 Scholars Program**
[http://wtgrantfoundation.org/grants/william-t-grant-scholars-program](http://wtgrantfoundation.org/grants/william-t-grant-scholars-program)

The William T. Grant Foundation’s Scholars Program supports promising early-career researchers from diverse disciplines, who have demonstrated success in conducting high-quality research and are seeking to further develop and broaden their expertise. Proposed research projects must be focused on youth between the ages of 5 of 25 in the United States and aim to increase our understanding of programs, policies, and practices that reduce inequality in youth outcomes; and the use of research evidence in policy and practice. Candidates are nominated by a supporting institution and must submit five-year research plans that demonstrate creativity, intellectual rigor, and a commitment to continued professional development.

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

**Deadline for Letters of Inquiry:** July 6, 2016

---

**Science, Mathematics and Engineering**

**National Institutes of Health - Exploratory/Developmental Bioengineering Research Grants (EBRG) (R21)**

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

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

AIDS Deadlines: January 7, May 7, September 7

**National Science Foundation - Origin of Life: A Joint Ideas Lab Activity Between NSF and NASA**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505301

This solicitation describes an Ideas Lab on “Origin of Life.” Ideas Labs are intensive workshops focused on finding innovative solutions to grand challenge problems. The ultimate aim of this Ideas Lab organized by the Directorates for Biological Sciences (BIO) and Geosciences (GEO) at the National Science Foundation (NSF), and the Astrobiology Program at the National Aeronautics and Space Administration is to facilitate the generation and execution of innovative research projects aimed at identifying and funding potentially transformative research to address grand challenge questions in the origin of life. The primary aim of this Ideas Lab is to foster the development of a theoretical framework that encompasses the “metabolism first” and “RNA first” theories for the origin of life by stimulating creative thinking and new research on the earliest events leading to life on early Earth. Understanding plausible pathways for the origin of life will contribute directly to our understanding of the indispensable properties of life on Earth and inform our search for life on other worlds.

**Deadlines:**
- Required Preliminary Proposal: August 5, 2016
- Full Proposal: December 19, 2016

**National Science Foundation - Dear Colleague Letter: FY 2017 Sustainable Chemistry, Engineering, and Materials (SusChEM) Funding Opportunity**

In fiscal year (FY) 2013, NSF started an initiative to encourage and foster research in Sustainable Chemistry, Engineering, and Materials (SusChEM), partially in response to the mandate of the America COMPETES Reauthorization Act of 2010. The SusChEM initiative addresses the interrelated challenges of sustainable supply, engineering, production, and use of chemicals and materials. In FY 2017, the participating divisions are Chemistry (CHE); Chemical, Bioengineering, Environmental, and Transport Systems (CBET); Materials Research (DMR); Earth Science (EAR); and the Materials Engineering and Processing Program in the Division of Civil, Mechanical and Manufacturing Innovation (CMMI).

Proposals in response to this initiative should be submitted to the existing program of interest in the participating divisions within the existing submission window (deadline) of the program. Proposals are welcome from either single or multiple investigators. Interdisciplinary proposals that involve principal investigators traditionally supported by the different participating divisions are strongly encouraged.

**Department of Health and Human Services, Administration for Community Living -- Disability and Rehabilitation Research Projects (DRRP) Program: Accessible Transportation**

The Administrator of the Administration for Community Living establishes a priority for the funding of a DRRP for Accessible Transportation to:

1. advance the application of automation and robotics to enhance accessible transportation for travelers with disabilities and
2. improve opportunities for a seamless travel chain that meets the diverse needs of travelers with mobility, vision, hearing and cognitive disabilities and provides them the ability to plan and execute an on-demand trip anytime of the day and from any location.

To do this, the grantee will engage in development of operations procedures, system requirements, and prototypes and will conduct demonstrations for target groups and stakeholders. One of the outcomes of this work will be the identification of assistive technology solutions in automation and robotics that enhance and improve transportation alternatives for people with disabilities, veterans with disabilities, and older adults. Products should emphasize principles of universal design and inclusive information and communication technology (ICT).

**Deadlines**
- Letter of Intent: July 7, 2016
- Application: August 1, 2016
Burroughs Wellcome Fund - Career Awards at the Scientific Interface
http://www.bwfund.org/grant-programs/interfaces-science/career-awards-scientific...
BWF’s Career Awards at the Scientific Interface (CASI) provide $500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service. These awards are open to U.S. and Canadian citizens or permanent residents as well as to U.S. temporary residents. Candidates must hold a Ph.D. degree in one of the fields of mathematics, physics, chemistry, computer science, statistics, or engineering. This includes related areas of physical, mathematical, computational, theoretical, and engineering science.
Deadlines:
Preproposal: September 6, 2016
Full Invited Application: January 9, 2017

International Life Sciences Institute - THRIVE Research Grant
http://hesithrive.org/grant-guidelines/
The THRIVE grant program is designed to provide seed funding to investigators for the testing of initial hypotheses and collecting of preliminary data to help secure long-term funding by the National Institutes of Health and/or other major granting institutions.
Deadline for Letters of Intent: July 15, 2016

National Science Foundation - Next Generation Networks for Neuroscience (NeuroNex)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505281
The goal of this solicitation is to foster the development and dissemination of (1) innovative research resources, instrumentation, and neurotechnologies, and (2) theoretical frameworks for understanding brain function across organizational levels, scales of analysis, and/or a wider range of species, including humans. This interdisciplinary program is one element of NSF’s broader effort directed at Understanding the Brain, a multi-year activity that includes NSF’s participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (http://www.nsf.gov/brain/) and the phased approach to develop a national research infrastructure for neuroscience as outlined in the Dear Colleague Letter NSF 16-047. NSF envisions a connected portfolio of transformative, integrative projects that create synergistic links across investigators and communities, yielding novel ways of tackling the challenges of understanding the brain in action and in context.

This program solicits proposals that will develop and disseminate innovative neurotechnologies and/or theoretical frameworks that will transform our understanding of the linkages between neural activity and cognition and behavior across different systems, environments, and species, while also providing an avenue for widespread dissemination of these technologies and theoretical frameworks as well as broad training opportunities.
Deadlines:
Letter of Intent: September 2, 2016
Full Proposal: October 21, 2016

University of California, Berkeley, Miller Institute for Basic Research in Science -- Miller Research Grants
http://miller.berkeley.edu/fellowship
The Miller Institute for Basic Research in Science invites department chairs, faculty advisors, professors and research scientists at institutions around the world to submit nominations for Miller Research Fellowships in the basic sciences. The Miller Institute seeks to discover and encourage individuals of outstanding talent, and to provide them with the opportunity to pursue their research on the Berkeley campus. Fellows are selected on the basis of their academic achievement and the promise of their scientific research. Miller Fellows also have a keen curiosity about all science and share an appreciation for an interdisciplinary experience.
Deadline: September 10, 2016

Department of Energy - Fiscal Year (FY) 2016 Vehicle Technologies Multi-Topic Funding Opportunity Announcement
The Office of Energy Efficiency and Renewable Energy (EERE) is issuing, on behalf of the Vehicle Technologies Office (VTO), this FOA entitled “Fiscal Year (FY) 2016 Vehicle Technologies Multi-Topic Funding Opportunity Announcement”. This FOA supports DOE’s strategic goal of protecting the U.S. national and economic security by reducing imports and promoting a diverse supply of reliable, affordable, and environmentally sound energy. More
specifically this FOA helps to achieve, by 2020, U.S. petroleum reduction of over 2.5 billion gallons per year through voluntary adoption of alternative fuel vehicles and infrastructure. It is anticipated that the FOA will include the following three areas of interest:

1. Plug-in Electric Drive Vehicle Program
2. Direct Injection Propane Engine
3. Alternative Fuel Vehicle Community Partner Projects

Deadlines:
Required Concept Papers: July 7, 2016
Full Applications: August 29, 2016

Whitehall Foundation - Basic Biological Research Grants and Grants-in-Aid
http://www.whitehall.org/grants/

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

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

If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu
Deadlines for Letter of Intent: October 1, 2016, January 15, 2017, April 15, 2017

Medical/Health/Behavioral Sciences

Pharmaceutical Research and Manufacturers of America Foundation -- Informatics Research Starter Grant
http://www.phrmafoundation.org/2015-awards/research-starter-grants/informatics/
The goal of the Informatics program is to promote development and use of informatics in an integrative approach toward understanding normal processes of human biology and disease processes. Informatics awards support career development of scientists engaged in research that significantly integrates state-of-the-art information technology developed with advanced biological, chemical, and pharmacological sciences in the following areas:

Genetics Proteomics
- Molecular Systems Biology
- Medical (human) Pathways and Networks
- Pharmaco-
- Integrative Biology
- Population Modeling and Simulation
Genomics Molecular Epidemiology
- Functional
- Structural
- Toxico-
- Pharmaco-
- Comparative

Deadline: September 1, 2016

Pharmaceutical Research and Manufacturers of America Foundation -- Adherence Improvement Research Starter Grant
http://www.phrmafoundation.org/2015-awards/research-starter-grants/adherence-im...
The goal of this program is to support research that will advance knowledge of innovative and effective approaches to improve medication adherence. Relevant research goals may include development or evaluation of policies, interventions, or tools that have potential to improve medication adherence. The proposed research may
target one or multiple therapeutic class(es) of medication(s) or condition(s), but not individual products. A focus on priority conditions affecting Medicare and Medicaid is encouraged, e.g. diabetes, cardiovascular disease, chronic obstructive pulmonary disease/asthma, heart failure, hypertension, dementia, and cancer. Real-world applicability of the intervention and generalizability of the findings to broader populations and settings should be considered.  
**Deadline: September 1, 2016**

**International Life Sciences Institute - THRIVE Research Grant**

http://hesithrive.org/grant-guidelines/

The THRIVE grant program is designed to provide seed funding to investigators for the testing of initial hypotheses and collecting of preliminary data to help secure long-term funding by the National Institutes of Health and/or other major granting institutions.  
**Deadline for Letters of Intent: July 15, 2016**

**National Science Foundation - Next Generation Networks For Neuroscience (NeuroNex)**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505281

The goal of this solicitation is to foster the development and dissemination of (1) innovative research resources, instrumentation, and neurotechnologies, and (2) theoretical frameworks for understanding brain function across organizational levels, scales of analysis, and/or a wider range of species, including humans. This interdisciplinary program is one element of NSF’s broader effort directed at Understanding the Brain, a multi-year activity that includes NSF’s participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (http://www.nsf.gov/brain/) and the phased approach to develop a national research infrastructure for neuroscience as outlined in the Dear Colleague Letter NSF 16-047. NSF envisions a connected portfolio of transformative, integrative projects that create synergistic links across investigators and communities, yielding novel ways of tackling the challenges of understanding the brain in action and in context.

This program solicits proposals that will develop and disseminate innovative neurotechnologies and/or theoretical frameworks that will transform our understanding of the linkages between neural activity and cognition and behavior across different systems, environments, and species, while also providing an avenue for widespread dissemination of these technologies and theoretical frameworks as well as broad training opportunities.  
**Deadlines:**  
Letter of Intent: September 2, 2016  
Full Proposal: October 21, 2016

**Simons Foundation - Bridge to Independence Award -- Request for Applications**

https://sfari.org/funding/grants/bridge-to-independence-raf/bridge-to-independence--

The Simons Foundation Autism Research Initiative (SFARI) seeks to improve the understanding, diagnosis and treatment of autism spectrum disorders by funding innovative research of the highest quality and relevance. Grants awarded through the Bridge to Independence Award program are intended to invest in the next generation of top autism investigators by identifying talented early-career scientists interested in autism research and facilitating their transition to an independent research career. This request for applications (RFA) is aimed at senior postdoctoral fellows who intend to seek tenure-track faculty positions during the 2016–17 academic year. If you are interested in this opportunity, contact Caleen Johnson at 5-2828, caleen.johnson@unlv.edu  
**Deadline for First-stage Proposals:** August 8, 2016

**Partnership for Clean Competition - Grants To Study Anti-Doping Testing in Sports**

http://www.cleancompetition.org/pages/apply.aspx

The PCC has supported world-class research since 2009, spending more than $8.0 M to support novel science. Research and grant-making are the foundation of the PCC and are the focus of everyday business activity. PCC-supported research contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants in all sports at all levels of play. 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.
• Studies to determine the changes over time observed after doping agents are applied.
• Alternative specimens, (ex. oral fluid, dried blood/plasma spots) for testing.
• Critical reviews to support interpretation of laboratory data.

**Deadlines for Pre-Applications:** March 1, July 1, and November 1

**National Institutes of Health - Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21)**


The purpose of this Funding Opportunity Announcement (FOA) is to provide support for New Investigators from backgrounds nationally underrepresented in biomedical and behavioral research to conduct small research projects in the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). The R21 is intended to support small research projects that can be carried out in a short period of time with limited resources and seeks to facilitate the transition to research independence of New Investigators from backgrounds underrepresented in the biomedical and behavioral sciences. The R21 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

**Deadlines:**
Letters of Intent: 30 days prior to the application due date
Application: **February 16, June 16, October 16**
AIDS Deadlines: **January 7, May 7, September 7**