July 18, 2016

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Miscellaneous

Arnold and Mabel Beckman Foundation
Beckman Young Investigators Program
http://www.beckman-foundation.org/programs/beckman-young-investigators-program-information
Application Deadline: 08/15/2016. The Beckman Young Investigators Program provides research support to the most promising young faculty members in the early stages of their academic careers in the chemical and life sciences, particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research in science.

Agriculture and Rural Development

NIH
Dual Purpose with Dual Benefit: Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Animal Species (R01)
The purpose of this announcement is to invite the submission of grant applications that utilize agriculturally important domestic animal species to improve human health through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research.

Application dates vary. See solicitation for details.
USDA
AFRI - Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area
http://www.grants.gov/web/grants/view-opportunity.html?oppId=285990
This AFRI Challenge Area focuses on the priority to mitigate and adapt to climate variability and change. It supports activities that reduce greenhouse gas emissions, increase carbon sequestration in agricultural and forest production systems, and prepare the nation's agriculture and forests to adapt to variable climates. The long-term outcome for this program is to reduce the use of energy, nitrogen fertilizer, and water by ten percent and increase carbon sequestration by 15 percent through resilient agriculture and forest production systems.

Application dates vary. See solicitation for details.

Education and Outreach

NSF
Advancing Informal STEM Learning
Application Deadline: 11/08/2016. This program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments, provide multiple pathways for broadening access to and engagement in STEM learning experiences, and advance innovative research on and assessment of STEM learning in informal environments.

NSF
Dear Colleague Letter: Change Makers
The Directorate for Education and Human Resources invites innovative research and development proposals to advance STEM learning, while exploring solutions to multidisciplinary or transdisciplinary global challenges in either formal or informal settings for learners of all ages and prior educational experience, including learners traditionally underrepresented in STEM.

Multiple deadlines apply. See the Dear Colleague Letter for details.

NSF
Discovery Research PreK-12
The Discovery Research PreK-12 program seeks to significantly enhance the learning and teaching of STEM by PreK-12 students and teachers through research and development of STEM education innovations and approaches.

The full proposal deadline is the first Monday in December, annually.

NSF
Improving Undergraduate STEM Education: Education and Human Resources
This program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures and new functions of the undergraduate learning and teaching enterprise.

Multiple deadlines apply. See the solicitation for details.
Susan G. Komen
Graduate Training in Disparities Research Grants
http://ww5.komen.org/uploadedFiles/_Komen/Content/Grants_Central/Scientific_Research_Grants/Funding_Opportunities/FY17_GTDR_App_RFA_7_6_16_FINAL.pdf
Application Deadline: 09/20/2016. Graduate Training in Disparities Research Grants are intended to establish and/or to sustain a training program for graduate students who are seeking careers dedicated to understanding and eliminating disparities in breast cancer outcomes across population groups.

Engineering and Technology

NSF
Partnerships for Innovation: Accelerating Innovation Research-Technology Translation
Application Deadline: 10/11/2016. This program serves as an early opportunity to move previously NSF-funded research results with promising commercial potential along the path toward commercialization. Projects are supported to demonstrate proof-of-concept, prototype, or scale-up while engaging faculty and students in entrepreneurial/innovative thinking.
Letters of intent are due by September 8, 2016.

NSF
Wireless Innovation between Finland and the US
Application Deadline: 10/17/2016. This program provides for an international collaboration arrangement whereby U.S. researchers may receive funding from NSF and Finnish collaborators may receive funding from the Academy of Finland to pursue joint projects.

NSF and Intel
NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks
Application Deadline: 11/21/2016. This solicitation seeks unique data network architectures featuring an information plane using an information-centric networking approach and addressing discovery, movement, delivery, management, and protection of information within a network, along with the abstraction of an underlying communication plane creating opportunities for new efficiencies and optimizations across communications technologies that could also address latency and scale requirements.
Letters of intent are due by September 19, 2016.

NSF and VMware, Inc.
NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-slate Computing Security
Application Deadline: 10/05/2016. The goal of this program is to foster novel, transformative, multidisciplinary research that spans systems, networking, and security with the aim of exploring and creating groundbreaking new approaches to security based on the concept of software defined infrastructure.

Salesforce.org
Force for Change Grants Program
http://www.salesforce.org/grants/force-for-change/?utm_source=Funding+Supplement&utm_campaign=3450a1f07a-FS_7_12_167_12_2016&utm_medium=email&utm_term=0_8d6cbefc3d-3450a1f07a-212708225
The Force for Change Grants Program accelerates social impact through catalytic investments in innovative, community-driven technology solutions with potential for cause-wide deployment.

Letters of inquiry are due by **July 29, 2016**.

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**Fellowships, Awards, and Internships**

**NIH**  
Avenir Award Program for Genetics or Epigenetics of Substance Use Disorders (DP1)  
This award looks toward the future by supporting early stage investigators proposing highly innovative studies. The award will support those in an early stage of their career who may lack the preliminary data required for an R01 grant, but who propose high impact research and who show promise of being tomorrow's leaders in the field. NIDA has developed two Avenir Award Programs, one for HIV/AIDS research and the other for genetics or epigenetics studies.

Application dates vary. See solicitation for details.

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**NIH**  
Transition to Independent Environmental Health Research Career Transition Award (K01)  
This award is a three-year bridge scholar development program for newly independent faculty who intend to pursue research careers in environmental health sciences. At the conclusion of the career development period the candidates are expected to demonstrate they can successfully compete for research funding in the environmental health sciences.

Standard application dates apply. See solicitation for details.

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**Simons Foundation**  
Simons Collaboration on the Origins of Life 2017 Postdoctoral Fellowships  
Application Deadline: 12/01/2016. The Simons Collaboration invites applications for postdoctoral fellowships to support independent research on topics related to the origins of life at one or more laboratories or research institutions in any country.

The submission deadline for first-stage proposals is September 9, 2016.

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**Funding Opportunities Internal to UNK**

**Office of Sponsored Programs & Research Development**  
Our current two programs focus on interdisciplinary cooperation, aligning our goals with the current climate in federal and non-federal funding. If you would like to apply for one of these programs, but do not know of any collaborators on campus, please contact Richard Mocarski and he will assist you in finding potential collaborators.

**$15 Million Dollar Grant Challenge** – any faculty that applies for a $150,000 grant or more that generates indirects will earn $500 in research development funds. If there are multiple investigators on the proposal, then all investigators are eligible as long as the grant submission grows in proportion to the number of investigators. To see overview and purpose: **$15 Million Dollar Challenge**.
Life Sciences

A-T Children's Project
Research Grants
https://www.communityatcp.org/GrantGuidelines
The A-T Children's Project provides competitive grant awards for basic and translational research grants related to Ataxia-Telangiectasia.

Letters of intent are due by **February 1 and August 1, annually.**

Angelman Syndrome Foundation
Open Call for Research Proposals
The Angelman Syndrome Foundation announces biannual calls for research proposals to be awarded in support of Angelman syndrome research.

Application submission deadlines will occur on **October 15 and April 15, annually.**

NIH
Research Infrastructure Development for Interdisciplinary Aging Studies (R21/R33)
This announcement invites applications that propose to develop novel research infrastructure that will advance the science of aging in specific areas requiring interdisciplinary partnerships or collaborations. Specifically, this announcement will use the NIH Phased Innovation Award mechanism to provide up to two years of R21 support for initial developmental activities, and up to three years of R33 support for expanded activities. Through this award, investigators will develop a sustainable research infrastructure to support projects that address key interdisciplinary aging research questions.

Standard application dates apply. See solicitation for details.

NIH
Social Epigenomics Research Focused on Minority Health and Health Disparities (R01)
The purpose of this announcement is to support and accelerate human epigenomic investigations focused on identifying and characterizing the mechanisms by which social experiences at various stages in life, both positive and negative, affect gene function and thereby influence health trajectories or modify disease risk in racial/ethnic minority and health disparity populations.

Application dates vary. See solicitation for details.

NIH
Social Epigenomics Research Focused on Minority Health and Health Disparities (R21)
The purpose of this announcement is to support and accelerate innovative exploratory and developmental human epigenomic investigations focused on identifying and characterizing the mechanisms by which social experiences at various stages in life, both positive and negative, affect gene function and thereby influence health trajectories or modify disease risk in minority and health disparity populations.

Application dates vary. See solicitation for details.
Limited Submission Completions

**NSF**

**Improving Undergraduate STEM Education: Pathways into Geoscience**


Application Deadline: 10/11/2016. The primary goal of this program is to increase the number of undergraduate students interested in pursuing undergraduate degrees and/or post-graduate degrees in geoscience through the design and testing of novel approaches for engaging students in authentic, career-relevant experiences in geoscience. Letters of intent are due by August 16, 2016.

An organization may serve as sole submitting institution or as lead institution of a collaborative project on only one submission per competition, regardless of track, but may serve as the non-lead institution of a collaborative project more than once per competition. If you are interested in developing a proposal in response to this funding opportunity, please visit with Richard Mocarski.

**NSF**

**Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office**


Application Deadline: 11/23/2016. The PAWR program aims to support advanced wireless research platforms conceived by the U.S. academic and industrial wireless research community. To support the design, development, deployment, and operations of the advanced wireless research platforms, NSF will support the work of a PAWR Project Office (PPO). Preliminary proposals are due by September 20, 2016.

An organization may participate in no more than one PPO proposal submitted to this solicitation. If you are interested in developing a proposal in response to this funding opportunity, please visit with Richard Mocarski.

**Mathematics and Physical Sciences**

**Simons Foundation**

2016 Simons Fellows in Mathematics and Theoretical Physics

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/simons-fellow-program/

Application Deadline: 09/29/2016. The Simons Fellows Programs in Mathematics and Theoretical Physics provide funds to faculty for up to a semester long research leave from classroom teaching and administrative obligations.

**Searching for External Funding**

UNK subscribes to the Grant Forward database to help faculty and staff find external funding programs. Within the funding database, you can choose to actively search for funding agencies, or you can establish a weekly alert service that will send you new funding opportunities according to key words that you identify. For this service, you will need to set up an account. Contact Sponsored Programs for assistance.
Grant Forward has rolled out new tutorial videos to demonstrate all the key aspects of using Grant Forward, with step-by-step instructions for many Grant Forward features. New to Grant Forward? Need assistance in searching, creating profiles, or handling account tasks? These videos will surely be a good start. View the tutorial videos here!

Dianne Holcomb will come to your office to demonstrate Grant Forward or set up your account. We are also available to conduct searches for you.