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 51328, carol.brodie@unlv.edu. Please see the Proposal Development website, http://www.unlv.edu/research/proposal-development for a complete list of our office’s services. An archive of these newsletters can be found at http://www.unlv.edu/research/archives

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**National Science Foundation – New Proposal and Award Policies & Procedures Guide**

The National Science Foundation has issued a revised version of their Proposal and Award Policies & Procedures Guide (PAPPG), which can be found at [http://www.nsf.gov/pubs/policydocs/pappgguide/nsf15001/index.jsp](http://www.nsf.gov/pubs/policydocs/pappgguide/nsf15001/index.jsp). The PAPPG has been revised to implement the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) that goes into effect on 12/26/14. The PAPPG also has been revised to incorporate other significant changes and clarifications unrelated to the Uniform Guidance implementation. A webinar on the new PAPPG will be held in early January.

**National Institutes of Health – New Biosketch Format**


NIH and AHRQ will require use of a new biosketch format in applications for research grants submitted for due dates on or after January 25, 2015. Before that time, applicants will have the choice of using the old or new biosketch format.

The revised forms and instructions are now available on the [SF 424 (R&R) Forms and Applications](http://policy.nih.gov/grants/forms/sf424.pdf) page. The new format extends the page limit from four to five pages, and allows researchers to describe up to five of their most significant contributions to science, along with the historical background that framed their research. Investigators can outline the central findings of prior work and the influence of those findings on the investigator’s field.

The Science Experts Network (SciENcv), which serves as an interagency system designed to create biosketches for multiple federal agencies, will be updated and available within a few weeks to support the new biosketch format. SciENcv pulls information from available resources making it easy to develop a repository of information that can be readily updated and modified to prepare future biosketches. A [YouTube video](https://www.youtube.com/watch?v=kbm85usyJTM) provides instructions for using SciENcv.

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**National Endowment for the Humanities - Public Scholar Program**


The Public Scholar program supports well-researched books in the humanities intended to reach a broad readership. Although humanities scholarship can be specialized, the humanities also strive to engage broad audiences in exploring subjects of general interest. They seek to deepen our understanding of the human condition as well as current conditions and contemporary problems. The Public Scholar program aims to encourage scholarship that will be of broad interest and have lasting impact. Such scholarship might present a narrative history, tell the stories of important individuals, analyze significant texts, provide a synthesis of ideas,
revive interest in a neglected subject, or examine the latest thinking on a topic. Books supported by this program must be grounded in humanities research and scholarship. They must address significant humanities themes likely to be of broad interest and must be written in a readily accessible style. Making use of primary and/or secondary sources, they should open up important and appealing subjects for wider audiences. The challenge is to make sense of a significant topic in a way that will appeal to general readers.

NEH welcomes applicants who are in the writing stages of their projects or who already have a commitment from a publisher. However, the Public Scholar program also supports projects in the early stages of development. The program is open to both individuals affiliated with scholarly institutions and independent scholars.

**Deadline:** March 3, 2015

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


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

**NEH Summer Seminars and Institutes:**
- extend and deepen knowledge and understanding of the humanities by focusing on significant topics and texts;
- contribute to the intellectual vitality and professional development of participants;
- build communities of inquiry and provide models of civility and excellent scholarship and teaching; and
- link teaching and research in the humanities.

An NEH Summer Seminar or Institute may be hosted by a college, university, learned society, center for advanced study, library or other repository, cultural or professional organization, or school or school system. The host site must be suitable for the project, providing facilities for scholarship and collegial interaction. These programs are designed for a national audience of teachers.

**Deadline:** February 24, 2015

### National Endowment for the Humanities - Landmarks of American History and Culture: Workshops for School Teachers


The Landmarks of American History and Culture program supports a series of one-week residence-based workshops for a national audience of K-12 educators. NEH Landmarks of American History and Culture Workshops use historic sites to address central themes and issues in American history, government, literature, art, music, and related subjects in the humanities. Each workshop is offered twice during the summer. Workshops accommodate thirty-six school teachers (NEH Summer Scholars) at each one-week session. The goals of the workshops are to
- increase knowledge and appreciation of subjects, ideas, and places significant to American history and culture through humanities reading and site study;
- build communities of inquiry and provide models of civility and of excellent scholarship and teaching;
- provide teachers with expertise in the use and interpretation of historical sites and of material and archival resources; and
- foster interaction between K-12 educators and scholarly experts.

**Deadline:** February 24, 2015

### National Science Foundation - Research Coordination Networks (RCN)


The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. RCN provides opportunities to foster new
collaborations, including international partnerships, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, and development of community standards for data and meta-data are especially encouraged. RCN awards are not meant to support existing networks; nor are they meant to support the activities of established collaborations. RCN awards do not support primary research. RCN supports the means by which investigators can share information and ideas, coordinate ongoing or planned research activities, foster synthesis and new collaborations, develop community standards, and in other ways advance science and education through communication and sharing of ideas.

Proposed networking activities directed to the RCN program should focus on a theme to give coherence to the collaboration, such as a broad research question or particular technologies or approaches. Participating core programs in the Directorates for Biological Sciences (BIO), Computer and Information Science and Engineering (CISE), Geosciences (GEO), Engineering (ENG) and Social, Behavioral and Economic Sciences (SBE) will accept General (non-targeted) RCN proposals. Some submission deadlines for the general RCN proposals vary by program; consult program websites. BIO is joined by the Directorate for Education and Human Resources (EHR) in the Undergraduate Biology Education (RCN-UBE) track described below.

The following targeted track within the RCN programs is intended to foster linkages between BIO and EHR. RCN-UBE: The Undergraduate Biology Education track focuses on any topic likely to lead to improved participation, learning, or assessment in undergraduate biology education and follows the same guidelines outlined below for the general RCN program.

Deadline:
Full Proposal Accepted Anytime: General (non-targeted) RCN proposals should be submitted to a particular program according to the program's submission dates. PIs are encouraged (for CISE required) to discuss suitability of an RCN topic with the P.O.s that manage the appropriate program.

March 2, 2015: RCN-UBE & UBE Incubator Track

National Science Foundation - Improving Undergraduate STEM Education
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505082
The Improving Undergraduate STEM Education (IUSE) program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyberlearning, etc.) and new functions of the undergraduate learning and teaching enterprise. The IUSE program recognizes and respects the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into classroom practice and work with education research colleagues and social science learning scholars to advance our understanding of effective teaching and learning. Toward these ends the program features two tracks: (1) Engaged Student Learning and (2) Institutional and Community Transformation. Two tiers of projects exist within each track: (i) Exploration and (ii) Design and Development. These tracks will entertain research studies in all areas. In addition, IUSE also offers support for a variety of focused innovative projects that seek to identify future opportunities and challenges facing the undergraduate STEM education enterprise.

Deadline:
January 13, 2015: Engaged Student Learning: Design and Development, I & II
January 13, 2015: Institutional and Community Transformation: Design and Development

National Science Foundation - Cyber-Enabled Sustainability Science and Engineering (CyberSEES)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504829
The Cyber-Innovation for Sustainability Science and Engineering (CyberSEES) program aims to advance interdisciplinary research in which the science and engineering of sustainability are enabled by new advances in computing, and in which computational innovation is grounded in the context of sustainability problems.
The CyberSEES program is one component of the National Science Foundation's Science, Engineering, and Education for Sustainability (SEES) activities, a Foundation-wide effort aimed at addressing the challenge of sustainability through support for interdisciplinary research and education. In the SEES context, a sustainable world is one where human needs are met equitably without harm to the environment or sacrificing the ability of future generations to meet their own needs.

Computational approaches play a central role in understanding and advancing sustainability. CyberSEES supports research on topics that depend on advances in computational areas including optimization, modeling, simulation, prediction and inference; large-scale data management and analytics; advanced sensing techniques; human computer interaction and social computing; infrastructure design, control and management; and intelligent systems and decision-making. Additionally, the widespread, intensive use of computing technologies also introduces sustainability challenges and motivates new approaches across the lifecycle of technology design and use.

**Deadline:** February 24, 2015

**National Science Foundation - Secure and Trustworthy Cyberspace (SaTC)**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504709

The Secure and Trustworthy Cyberspace (SaTC) program welcomes proposals that address Cybersecurity from a Trustworthy Computing Systems (TWC) perspective and/or a Social, Behavioral and Economic Sciences (SBE) perspective, or from the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective (see “Perspectives” below). In addition, we welcome proposals that integrate research addressing all of these perspectives (see below). Proposals may be submitted in one of the following three categories (plus Cybersecurity Education):
- Small projects: up to $500,000 in total budget, with durations of up to three years
- Medium projects: $500,001 to $1,200,000 in total budget, with durations of up to four years
- Large projects: $1,200,001 to $3,000,000 in total budget, with durations of up to five years

Projects with Trustworthy Computing Systems and/or Social, Behavioral and Economic Sciences perspectives may include a Transition to Practice (TTP) option, described in a supplementary document of no more than five pages. This document should describe how successful research results are to be further developed, matured, and experimentally deployed in organizations or industries, including in networks and end systems used by members of the NSF science and engineering communities. Proposals with a TTP option may exceed the above-stated funding maxima by up to $167,000 for Small projects, $400,000 for Medium projects and $750,000 for Large projects.

For Small hardware security proposals, the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective is focused specifically on hardware research innovation that addresses SaTC goals, and includes the opportunity to collaborate closely with industry. STARSS proposals may not include either the TWC or SBE perspective, but may include a TTP option following the same guidelines as above.

In addition, the SaTC program seeks proposals focusing entirely on Cybersecurity Education with total budgets limited to $300,000 and durations of up to two years. These cybersecurity education projects may not include any of the three perspectives named above, nor may they include a TTP Option.

**Deadlines:**
- January 14, 2015 (SMALL Projects)
- September 21, 2015 (MEDIUM Projects)
- November 19, 2015 (LARGE Projects)
- December 19, 2014 (CYBERSECURITY EDUCATION Projects)

**Department of Energy - Office of Science -- Exploratory Research for Extreme-Scale Science**

The Advanced Scientific Computing Research (ASCR) program of the Office of Science (SC), U.S. Department of Energy (DOE), hereby invites applications with the potential to enable significant research and computational advances for extreme-scale science.
The mission of the ASCR program is to advance applied mathematics and computer science; deliver, in partnership with disciplinary science, the most advanced computational scientific applications; advance computing and networking capabilities; and develop, in partnership with U.S. industry, future generations of computing hardware and tools for science. A major objective of the ASCR basic research portfolio is to enable DOE-mission science applications to take full advantage of next generation, high-performance computing systems. Desired outcomes include advances in scalable algorithms, programming models, operating systems, and enabling technologies that will make massively parallel, heterogeneous computer architectures more efficient and practical to use in carrying out scientific research activities. A complementary ASCR objective is to build up the computational research infrastructure for enabling data-intensive science advances. Taken together and in the spirit of harnessing emerging and leading-edge technologies for scientific discovery, these two objectives fall under the umbrella of extreme-scale science research.

This Exploratory Research for Extreme-Scale Science (EXPRESS) FOA aims to stimulate early investigations of potentially high-impact approaches for extreme-scale science research across ASCR basic research subprograms. The EXPRESS FOA focuses on topic areas related to exascale computing or data-intensive science. A recent ASCR Advisory Committee (ASCAC) report [A1] describes research goals for exascale computing and data-intensive science, and identifies investments that are most likely to positively impact both areas. As noted in [A1], “exascale systems” refers to systems with exascale computing capability and “extreme-scale systems” refers to all classes of systems built using exascale-era technologies - which includes chips with hundreds of cores and different scales of interconnects and memory systems.

**Deadlines:**
- REQUIRED Pre-application: January 15, 2015
- Application: March 19, 2015

**Environmental Protection Agency - Environmental Education Model Grants Program**


Under this solicitation EPA is seeking grant proposals from eligible applicants to support environmental education (EE) projects that promote environmental stewardship and help develop informed, knowledgeable and responsible citizens. EPA expects to award EE grants from the EPA Headquarters Office of Environmental Education (OEE) in order to provide financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques, as described in this notice, and that will serve as models that can be replicated in a variety of settings. Selections and awards will be for model projects, each of which is to be conducted in at least two different locations during the project period. These locations cannot be in the same state; they must be in at least two different states in the United States, or in the United States and Canada or Mexico, or in the U.S. Territories. (Note: As stated in Section III of this RFP, the majority of the educational activities must take place in the United States; or in the United States and Canada or Mexico; or in U.S. Territories.)

The purpose of conducting the project in at least two different locations, each in a different state or U.S. Territory, is to demonstrate replicability of the model project and should be accomplished in one of two ways:

1) simultaneously set up and conduct the model project in at least two different locations that are each in a different state or U.S. Territory from the beginning of the project period; OR
2) set up and conduct a model project in one location in one state or U.S. Territory, and no more than halfway through the project period set up and conduct a replication of that model in one or more different locations in one or more different states or U.S. Territories.

**Deadline:** February 2, 2015

**Robert Wood Johnson Foundation - Healthy Eating Research**

Childhood obesity is one of the most serious threats to the health of our nation. The Robert Wood Johnson Foundation (RWJF), through its commitment to reversing the childhood obesity epidemic, has provided national leadership in efforts to achieve a healthy weight for all of our nation’s children, especially in lower-income
communities and communities of color. This landmark work continues today as part of its vision to build a national Culture of Health that will enable all Americans to live longer and healthier lives, now and for generations to come. Healthy Eating Research: Building Evidence to Prevent Childhood Obesity is an RWJF national program. The program supports research on environmental and policy strategies with strong potential to promote healthy eating among children to prevent childhood obesity, especially among groups at highest risk for obesity: Black, Latino, American Indian, Asian/Pacific Islander children, and children who live in lower-income communities. Findings are expected to advance RWJF’s efforts to reverse the childhood obesity epidemic and help all children achieve a healthy weight.

This call for proposals (CFP) focuses on childhood obesity prevention efforts in two settings:
- Healthy Food Retail
- Early Care and Education

**Deadline:** January 7, 2015

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**National Institutes of Health - NIH Big Data to Knowledge (BD2K) Initiative Research Education: Open Educational Resources for Sharing, Annotating and Curating Biomedical Big Data (R25)**


The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this BD2K R25 funding announcement is to complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will focus on Curriculum or Methods Development. In particular, this FOA seeks applications for development of open educational resources.

**Deadlines:**
- Letter of Intent: February 17, 2015
- Application: March 17, 2015

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**National Institutes of Health - NIH Big Data to Knowledge (BD2K) Initiative Research Education: Massive Open Online Course (MOOC) on Data Management for Biomedical Big Data (R25)**


The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this BD2K R25 FOA is to complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will focus on Curriculum or Methods Development. In particular, this FOA seeks applications for development of an open, online educational resource.

**Deadlines:**
- Letter of Intent: February 17, 2015
- Application: March 17, 2015

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**National Institutes of Health - Alcohol Education Project Grants (R25)**


The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of the National Institute on Alcohol Abuse and Alcoholism (NIAAA) R25 program is to foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development and Outreach activities for Health Professionals.

**Deadlines:** February 6, 2015, then Standard dates apply hereafter (Jan. 25, May 25, Sep. 25)
National Institutes of Health - Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01)
This Funding Opportunity Announcement (FOA) invites applications to enhance the pool of highly trained investigators from diverse backgrounds underrepresented in research. It is targeted toward individuals whose basic, clinical, and translational research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, and hematologic diseases and sleep disorders in the general and health disparities populations.
**Deadlines:**
Letters of Intent: 30 days prior to the application due date

Patient-Centered Outcomes Research Institute - Pipeline to Proposal Awards Tier I - Pre-Engagement/Community Projects
http://www.pcori.org/announcement/pipeline-proposal-awards-tier-i-pre-engagementcommunity-projects
Tier I awards fund the building of the community and capacity necessary to later develop a patient-centered comparative effectiveness research (CER) project addressing the issue of interest to the awardee. The Tier I awards are for individuals or groups who are not usual candidates for research funding. This program is intended to support those individuals and groups with critically important ideas who may not have other opportunities for research funding. In order to qualify for Tier I funding, you must demonstrate success in a past community-building project. The project doesn’t have to have been health-related. You need to explain how you engaged the community and formed partnerships to achieve your goal and how, by building relationships and forming partnerships, you were able to overcome any obstacles.
**Deadlines:**
REQUIRED Letter of Intent: December 23, 2014
Invited Applications: February 16, 2015

National Institutes of Health - Lab to Marketplace: Tools for Biomedical and Behavioral Research (SBIR [R43/R44])
This Funding Opportunity Announcement (FOA) encourages the translation of technologies for biomedical or behavioral research from academic and other non-small business research sectors to the marketplace. Small Business Concerns (SBCs) are encouraged to submit Small Business Innovation Research (SBIR) grant applications that propose to further develop, make more robust, and make more user-friendly such technologies in preparation for commercial dissemination. It is expected that this activity will require partnership and close collaboration between the original developers of these technologies and applicant SBCs, which may be accomplished in any of a number of ways, including the use of multiple principal investigators.
**Deadlines:** April 5, August 5, December 5.