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 53128, carol.brodie@unlv.edu. Please see the Proposal Development website, http://www.unlv.edu/research for a complete list of our office’s services.

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National Endowment for the Arts - Research: Art Works (Grants to Research Value and Impact of the Arts)
http://arts.gov/grants-organizations/research-art-works
Research into the value and impact of the arts is a core function of the National Endowment for the Arts. Through accurate, relevant, and timely analyses and reports, the NEA elucidates the factors, conditions, and characteristics of the U.S. arts ecosystem and the impact of the arts on other domains of American life. To advance this work further, the NEA welcomes grant applications for projects seeking to use novel research questions and/or techniques to analyze high-quality datasets containing arts variables. The NEA encourages applicants from diverse research fields (e.g., sociology, economics, anthropology) and diverse areas of expertise, including, but not limited to, health, education, and urban and regional planning. Although applicants must be nonprofit organizations, they may partner with for-profit entities, and/or use commercial and/or administrative datasets.

The NEA's Office of Research & Analysis will make awards to support research that investigates the value and/or impact of the arts, either as individual components within the U.S. arts ecology or as they interact with each other and/or with other domains of American life.

Priority will be given to applications that present theory-driven research questions and methodologies that will yield important information about the value and/or impact of the arts. Competitive applications will take into account any extant research that serves as a basis for a theoretical framework, and helps to motivate the proposed project.
Deadline: Oct. 21, 2014

National Education Association - Student Achievement Grants
http://www.neafoundation.org/pages/nea-student-achievement-grants/
The NEA Foundation provides grants to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area(s). The proposed work should engage students in critical thinking and problem solving that deepen their knowledge of standards-based subject matter. The work should also improve students’ habits of inquiry, self-directed learning, and critical reflection.
Deadlines: Oct 15, Feb. 1, Jun. 1

US Department of Agriculture - Gifted Education Program Evaluation
NIFA requests applications for the Gifted Education Program Evaluation (GEPE) Competitive Grant Program for fiscal year (FY) 14 to provide a comprehensive report of findings on the state of gifted education programs in the
Department of Defense Education Activity (DoDEA) areas, districts, and schools that will inform future programming direction to enhance gifted program practices and achievement of program goals.  
**Deadline:** Aug. 28, 2014

**US Department of Agriculture - Preschool Access Feasibility Study Grant**  
NIFA requests applications for the Preschool Access Feasibility Study (PAFS) Competitive Grant Program for fiscal year (FY) 14 to design a feasibility study which will assess the preschool program availability to military families located outside the continental United States (OCONUS) installations worldwide.  
**Deadline:** Aug. 28, 2014

**US Department of Agriculture, NIFA - Department of Defense Child and Youth Development System: Evaluation Planning**  
NIFA requests applications for the DoD Child and Youth Development System: Evaluation Planning (CYEP) Competitive Grant Program for fiscal year (FY) 14 to assess DoD Child and Youth Development Programs and create evaluation plans for targeted programs. The amount available for support of this program in FY 2014 is approximately $450,000.

NIFA is seeking applications from institutions that can demonstrate their ability to develop evaluation plans for DoD Child and Youth Development Programs in order to measure their effectiveness in promoting well-being and ultimately achieving readiness among Service Members and military dependents.

- This objective will be accomplished through the following:
- A thorough literature review of the existing science as it relates to the subject of child and youth care and development to inform the project.
- The development of an overall logic model of the DoD Child & Youth Development System including asset mapping of existing programs.
- The design of an assessment for individual programs to determine their level of readiness for an evaluation including a ranking system based on readiness.
- The development of an evaluation plan for each identified program that includes establishing specific, measurable, attainable, and time bound outcomes as well as a logic model for each program.  
**Deadline:** Aug. 28, 2014

**US Department of Agriculture - Sexual Assault Prevention Research (SAPR)**  
NIFA requests applications for the Sexual Assault Prevention Research (SAPR) Competitive Grant Program for fiscal year (FY) 14 for the development of an empirically-based intervention designed to reduce revictimization of female and male sexual abuse/assault victims among targeted populations in the United States Air Force. The amount available for support of this program in FY 2014 is approximately $363,636.

**Deadline:** Aug. 28, 2014

**American Association for the Advancement of Science - Science & Technology Policy Fellowships**  
[https://fellowshipapp.aaas.org/applications/default.asp](https://fellowshipapp.aaas.org/applications/default.asp)  
The American Association for the Advancement of Science (AAAS) fellowships provide the opportunity for accomplished scientists and engineers to participate in and contribute to the federal policymaking process while
learning firsthand about the intersection of science and policy. AAAS solicits candidates from a broad array of backgrounds and a diversity of geographic, disciplinary, gender, and ethnic perspectives. Fellows come from a range of sectors, including academia, industry, and nonprofits, representing a spectrum of career stages, from recent PhD graduates to faculty on sabbatical, to retired scientists and engineers.

AAAS offers fellowships in seven programmatic areas:
- Congressional
- Diplomacy, Security & Development
- Energy, Environment & Agriculture
- Health, Education & Human Services
- Big Data Analytics
- Judicial Branch
- Global Stewardship
- Overseas Fellowships at USAID Missions
- Global Health & Development

Deadline: Nov. 1, 2014

American Council of Learned Societies - Comparative Perspectives on Chinese Culture and Society
http://38.136.5.227/programs/chinese-culture/
These grants for collaborative work in China studies are funded by the Chiang Ching-kuo Foundation for International Scholarly Exchange. In this cycle of competitions ACLS invites proposals in the humanities and related social sciences that adopt an explicitly cross-cultural or comparative perspective. Projects may, for example, compare aspects of Chinese history and culture with those of other nations and civilizations, explore the interaction of these nations and civilizations, or engage in cross-cultural research on the relations among the diverse and shifting populations of China. Proposals are expected to be empirically grounded, theoretically informed, and methodologically explicit.

The program will support collaborative work of three types:
- Planning Meetings: Grants up to $6,000 will be offered for one-day meetings to plan conferences or workshops, or for less structured explorations, e.g., brainstorming sessions.
- Workshops: Grants up to $15,000 will be offered for workshops designed to facilitate ongoing research on newly available or inadequately researched data or texts. Workshops are understood to last three to four days and provide an opportunity for participants to discuss and analyze new approaches and/or new sources in a seminar-like setting.
- Conferences: Grants up to $25,000 will be offered for formal research conferences intended to produce significant new research that will be published in a conference volume.

The program aims to promote interchange among scholars who may not otherwise have the opportunity to work together. Accordingly, proposals will not be supported for activities of scholars from one institution or that fall within an institution’s normal range of colloquia, symposia, or seminar series. The program will not support regularly scheduled meetings, conventions, or parts thereof. Proposals must include at least one scholar from Taiwan as a participant.
Deadline: Oct. 1, 2014

IBM Center for The Business of Government - Research Stipends
http://www.businessofgovernment.org/content/research-report-stipends-0
The Center’s aim is to produce research and analysis that helps government leaders more effectively respond to their mission and management challenges. The IBM Center is named “The Business of Government” because its focus is the management and operation of government, not the policies of government. Public sector leaders and managers need the best, most practical advice available when it comes to delivering the business of government.
They seek to “bridge the gap” between research and practice by helping to stimulate and accelerate the production of actionable research. For this reason, they solicit proposals that ultimately will result in reports with insightful findings and actionable recommendations for government leaders and public managers in the following areas of interest:

- Leading in an era of complex challenges
- Managing collaboration and connectivity
- Using data and analytics to make better decisions
- Pursuing cost savings and improving performance
- Identifying acquisition approaches that engage the private sector more effectively
- Managing risks and responding to threats in today’s security environment
- Providing insights for the presidential transition from campaigning to governing

**Deadlines:** Oct. 1, 2014; Apr. 1, 2015

**Transportation Research Board – Contracting Commuter Rail Services**


The expansion and evolution of commuter rail has led to a wide variety of strategies and approaches for managing the operation and maintenance of these services, which are offered by a growing number of entities. The result has been two basic approaches to service delivery: (1) bundled services where one entity provides all the functions necessary to operate the service and (2) unbundled services where the provision of services are broken down into separate contracts. Currently, there are no guidelines or generally recognized best practices to consider in determining how to provide a city or a metropolitan region with commuter rail service. There is a need for a presentation of potential approaches, an evaluation of the approaches, and guidance on how and when to apply them to existing and new services.

This RFP requests proposals to conduct research that will provide guidance to public agencies and other key stakeholders in the contracting of commuter rail services. This research will include an evaluation of the advantages and disadvantages of each potential approach, including the service effectiveness, service quality, and service cost effectiveness, as well as any safety impacts, of each approach. Key system attributes should be included as part of the evaluation such as passenger miles, train miles, revenues, costs, infrastructure ownership, and other appropriate criteria that could help the practitioner compare and assess the value of the various service approaches. The expected product is a guidebook that describes commuter rail services in North America, the various delivery approaches, and a broad range of issues associated with contracting of commuter rail services that will include, at a minimum, the following:

- The general context for the provision of commuter rail services in North America (e.g., statutory framework, policy and funding environment);
- The various current service delivery approaches;
- The evolution of the various service delivery approaches and why they changed;
- Quantifiable effectiveness of service delivery approaches from both the private and public perspectives;
- Significant lessons learned from contracting out services;
- Current best practices for contracting out commuter rail services; and
- Innovative international and domestic approaches for contracting transportation services applicable to commuter rail.

**Deadline:** September 30, 2014
**WateReuse Research Foundation - Develop Methodology for Comprehensive Analysis (Triple Bottom Line) of Alternative Water Supply Projects Compared to Direct Potable Reuse (WRRF-14-03)**

[https://www.wateruse.org/foundation/rfp/14-03](https://www.wateruse.org/foundation/rfp/14-03)

The WateReuse Research Foundation announces the availability of $250,000 in funding to develop and demonstrate an assessment method for decision makers considering a direct potable reuse (DPR) water supply system versus various other alternative supplies, taking into consideration the full economic, social, and environmental impacts of each approach.

Elected officials, water and wastewater agency officials, regulators, as well as other interested parties with the responsibility to plan and implement optimal water supply solutions need to understand the holistic differences between DPR and other various water supply options. In many cases, only the financial impacts are evaluated and compared. However, to provide a true comparison, a fully objective and comprehensive assessment and analysis is warranted. Thus, this study, which will build upon prior Foundation research, will employ an approach that considers more than financial effects on the implementing organization. It will provide decision makers with a triple bottom line (TBL) assessment methodology and tool to evaluate the financial, environmental, and social factors of various water supply options being considered compared to DPR.

**Deadline:** September 26, 2014

**Department of Energy - Atmospheric System Research Program**


The Atmospheric System Research Program (ASR) in the Climate and Environmental Sciences Division (CESD), Office of Biological and Environmental Research (BER) of the Office of Science (SC), U.S. Department of Energy (DOE), supports research on key cloud, aerosol, precipitation, and radiative transfer processes that has the potential to improve the accuracy of regional and global climate models. The ASR program hereby announces its interest in research grant applications for observational, data analysis, and/or modeling studies that use data from CESD, including Atmospheric Radiation Measurement (ARM) and ASR programs, to improve understanding and model representation of cloud microphysical, convective, aerosol, and radiative transfer processes.

Requests for research support under this FOA must address one of the following research topics:

1. **Cloud microphysical processes.**
2. **Convective processes**
3. **Aerosol processes**

**Deadlines:**

- REQUIRED Pre-application: Sep. 5, 2014
- Application: November 7, 2014

**National Science Foundation - Applied Mathematics**


The Applied Mathematics program supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. Proposals to develop critical mathematical techniques from individual investigators as well as interdisciplinary teams are encouraged.

**Deadline:** November 15, 2014; November 15, Annually Thereafter

**National Science Foundation - Enriched Doctoral Training in the Mathematical Sciences (EDT)**

The long-range goal of the Enriched Doctoral Training in the Mathematical Sciences (EDT) program is to strengthen the nation’s scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other professions in which expertise in the mathematical sciences plays an increasingly important role. The EDT program will achieve this by supporting efforts to enrich research training in the mathematical sciences at the doctoral level by preparing Ph.D. students to recognize and find solutions to mathematical challenges arising in other fields and in areas outside today’s academic setting. Graduate research training activities supported by EDT will prepare participants for a broader range of mathematical opportunities and career paths than has been traditional in U.S. mathematics doctoral training.

**Deadline(s):** November 12, 2014; July 08, 2015; Second Wednesday in July, Annually Thereafter

**National Science Foundation - Research Training Groups in the Mathematical Sciences (RTG)**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5732

The long-range goal of the Division of Mathematical Sciences (DMS) Workforce program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other NSF-supported disciplines. The Research Training Groups in the Mathematical Sciences (RTG) activity is a part of the Workforce program. RTG supports education through research involvement in groups centered on a common research interest that span the entire spectrum of educational levels from undergraduates through postdoctoral associates.

**Deadline:** October 14, 2014; June 02, 2015; First Tuesday in June, Annually Thereafter

**Association for Women in Mathematics - Travel Grants**
http://www.awm-math.org/travelgrants.html

The Mathematics Travel Grants provide full or partial support for travel and subsistence for a meeting or conference in the applicant’s field of specialization. A maximum of $1,500 for domestic travel and of $2,000 for foreign travel will be available. For foreign travel, U.S. air carriers must be used (exceptions only per federal grant regulations; prior AWM approval required).

The Mathematics Education Research Travel grants provide full or partial support for travel and subsistence in math/math education research, for mathematicians attending a math education research conference or math education researchers attending a math conference. (Please note that a mathematics education researcher attending a mathematics education research conference would not be eligible for this grant.) A maximum of $1,500 for domestic travel and $2,000 for foreign travel will be available. For foreign travel, U.S. air carriers must be used (exceptions only per federal grant regulations; prior AWM approval required).

**Deadlines:** Feb. 1; May 1, Oct. 1

**National Science Foundation - CISE Research Infrastructure (CRI)**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12810

The CISE Research Infrastructure (CRI) program drives discovery and learning in the core CISE disciplines of the three participating CISE divisions by supporting the creation and enhancement of world-class research infrastructure that will support focused research agendas in computer and information science and engineering. This infrastructure will enable CISE researchers to advance the frontiers of CISE research. Further, through the CRI program CISE seeks to ensure that individuals from a diverse range of academic institutions, including minority-serving and predominantly undergraduate institutions, have access to such infrastructure.

The CRI program supports two classes of awards:

- **Institutional Infrastructure (II)** awards support the creation of new (II-NEW) CISE research infrastructure or the enhancement (II-EN) of existing CISE research infrastructure to enable world-class CISE research opportunities at the awardee and collaborating institutions.
• Community Infrastructure (CI) awards support the planning (CI-P) for new CISE community research infrastructure, the creation of new (CI-NEW) CISE research infrastructure or the enhancement (CI-EN) of existing CISE infrastructure to enable world-class CISE research opportunities for broad-based communities of CISE researchers that extend well beyond the awardee institutions. Each CI award may support the operation of such infrastructure, ensuring that the awardee institution(s) is (are) well-positioned to provide a high quality of service to CISE community researchers expected to use the infrastructure to realize their research goals.

Deadlines: November 6, 2014; October 27, 2015; Last Tuesday in October, Annually Thereafter

Office of Naval Research - Computational Methods for Decision Making
The purpose of this applied research topic is to identify, understand, and resolve key issues, develop and mature algorithms and methods; determine and demonstrate performance of algorithms, methods, techniques, and strategies for automated computational methods and information systems that support decision making. The algorithms, methods, techniques, and strategies must support autonomous information processing systems that can successfully and securely execute a variety of missions in complex environments while exploiting multiple sources of sensor and open domain data. The program will pursue a wide variety of approaches that enable automated systems to, within the context of a mission, automatically analyze multiple sources of data supporting interpretation of the data; combine data and generate interpretations from multiple data sources to provide understanding of the battle space, provide management of sensor and other resources to maintain and improve the battle space picture, and to enable and build high performance software systems that are defect free and trustworthy to implement these algorithms, methods, techniques, and strategies.

Full Proposal: Oct. 9, 2014

Department of Defense - Unmanned Aircraft System (UAS) Airspace Integration -- BAA-2014-0006-RQKPC
This is a five (5) year Closed Broad Agency Announcement (BAA) with calls describing the Air Force Research Laboratory (AFRL), Power and Controls Division (AFRL/RQQ)’s interest in unmanned aircraft system (UAS) integration into the airspace. This closed BAA With Calls approach only allows for proposal submittals at a specified date and time through the issuance of a call. As technical topic areas are identified, a call may be issued in the FedBIZOpps/EPS or www.grants.gov to request proposals for specific research efforts. These subsequent calls will contain specific descriptions of the research effort to be addressed, the anticipated period of performance, the information particular to the specific research technical topic area, and the estimated funding profile for the call.

The objective of this effort is to conduct basic, applied, advanced and demonstration/validation research to develop, demonstrate, integrate and transition new airspace integration technologies to the warfighter. Tasks may include the following:

• Modeling, simulation and analysis of UAS
• Trade studies and research of UAS systems, subsystems and interfaces
• Verification, validation and safety analysis
• Concept and component development, including software and/or hardware
• Human-machine interface research and development
• Develop, conduct and/or support ground or flight tests

Calls under this BAA may be efforts in one or multiple research areas. Each individual call will have specific technical requirements, objectives, and deliverables.
Department of Commerce - NIST Advanced Manufacturing Technology Consortia (AMTech) Program, Planning Awards
NIST is soliciting applications for Planning Awards to establish new and strengthen existing industry-driven consortia that identify and support basic and applied research on long term, pre-competitive and enabling technology development for advanced manufacturing. These consortia address major technological barriers that inhibit the growth of advanced manufacturing in the U.S.; identify and prioritize research projects supporting long term industrial research needs; engage in a range of eligible activities including but not limited to creating new or updating industry-driven, shared-vision technology roadmaps; and catalyze the development of a technology infrastructure and American excellence in advanced manufacturing.

NIST will only consider one Pre-Application per applicant. Please refer to UNLV’s Limited Submission Policy, found at http://www.unlv.edu/assets/research/policies/Research-LimitedSubmissionsProposalsPolicy.pdf

Required Pre-Applications: September 5, 2014
Full Proposals: October 31, 2014

National Science Foundation - Designing Materials to Revolutionize and Engineer our Future (DMREF)
DMREF is the primary program by which NSF participates in the Materials Genome Initiative (MGI) for Global Competitiveness. MGI recognizes the importance of materials science to the well-being and advancement of society and aims to "deploy advanced materials at least twice as fast as possible today, at a fraction of the cost."

DMREF will support activities that accelerate materials discovery and development by building the fundamental knowledge base needed to design and make materials with specific and desired functions or properties from first principles. This will be accomplished by understanding the interrelationships of composition, structure, properties, processing, and performance. Achieving this goal will involve modeling, analysis, and computational simulations, validated and verified through sample preparation, characterization, and device demonstration.

The multidisciplinary character of this effort dictates the involvement of programs in the NSF Directorates of Mathematical and Physical Sciences, Engineering, and Computer and Information Science and Engineering. Three or four year awards totaling $500,000 – 1,500,000 for the award period are anticipated.

Deadline: January 29, 2015

Substance Abuse and Mental Health Services Administration - Knowledge Dissemination Conference Grants (SAMHSA Conference Grants)
The Substance Abuse and Mental Health Services Administration (SAMHSA) accepts applications for SAMHSA Knowledge Dissemination Conference Grants (also referred to as SAMHSA Conference Grants). The purpose of the Conference Grant program is to disseminate knowledge about practices within the mental health services and substance abuse prevention and treatment fields and to integrate that knowledge into real-world practice as effectively and efficiently as possible.

Deadlines: Jan. 31 and Oct. 31 each year.
National Science Foundation - Ecology and Evolution of Infectious Diseases (EEID)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5269
The Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, and socio-ecological principles and processes that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be quantitative or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease transmission and on testing mathematical or computational models that elucidate infectious disease systems.

Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. They should focus on the determinants and interactions of transmission among humans, non-human animals, and/or plants. This includes, for example, the spread of pathogens; the influence of environmental factors such as climate; the population dynamics and genetics of reservoir species or hosts; or the cultural, social, behavioral, and economic dimensions of disease transmission. Research may be on zoonotic, environmentally-borne, vector-borne, or enteric diseases of either terrestrial or freshwater systems and organisms, including diseases of animals and plants, at any scale from specific pathogens to inclusive environmental systems. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural systems. Investigators are encouraged to involve the public health research community, including for example, epidemiologists, physicians, veterinarians, food scientists, social scientists, entomologists, pathologists, virologists, or parasitologists with the goal of integrating knowledge across disciplines to enhance our ability to predict and control infectious diseases.

This RFP has been revised to substantially alter the scope of projects eligible as US-UK Collaborative Projects. These projects must be Research Coordination Networks. Additionally, this revision adds a request for collaborative projects between U.S. scientists and scientists in Israel through a joint effort of the U.S. National Science Foundation, the U.S. National Institutes of Health, and the U.S.D.A. National Institute of Food and Agriculture and the U.S.-Israel Binational Science Foundation.
Deadline: November 19, 2014; Third Wednesday in November, Annually Thereafter

Patient Centered Outcome Research Institute (PCORI) - Now Accepting Letters of Intent for Fall 2014 Funding Cycle
http://www.pcori.org/funding-opportunities/funding-center/
PCORI has issued five Funding Announcements (PFAs) offering up to $76 million in support for patient-centered comparative effectiveness research proposals. The five announcements are for the following topics:
- Assessment of Prevention, Diagnosis and Treatment Options
- Improving Healthcare Systems
- Communication and Dissemination Research
- Addressing Disparities
- Improving Methods for Conducting Patient-Centered Outcomes Research
Webinars for applicants will be held on August 13, 14 and 15: http://www.pcori.org/events/
Deadline:
Required Letter of Intent – September 5, 2014

National Institutes of Health - NIMH Mentoring Networks for Mental Health Research Education (R25)
The over-arching goal of this NIMH R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on Mentoring Activities, and in particular, mentoring networks. Networks may be national, regional or local. All proposed networks should provide significant new opportunities, and should comprise efforts substantially beyond any ongoing mentoring, networking or research education within academic programs, institutions, or pre-existing networks or educational collaborations among institutions. Participants in proposed mentoring networks are limited to graduate/medical students, medical residents, postdoctoral scholars, and/or early-career faculty. Proposed networks are expected to enhance the participants’ professional development and to foster their career trajectory towards independent mental health research. Proposed programs are thus expected to contribute to the development of a skilled cadre of investigators in requisite scientific research areas to advance the objectives of the NIMH Strategic Plan (http://www.nimh.nih.gov/about/strategic-planning-reports/index.shtml). For a similar HIV/AIDS-related, NIMH research education program FOA, see PAR-12-273 and subsequent issuances.

**Deadlines:**
Letter of Intent: 30 days before the application due date

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**National Institutes of Health - NIMH Short Courses for Mental Health-Related Research Education (R25)**
The over-arching goal of this NIMH R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on Courses for Skills Development. Proposed short courses are expected to facilitate the development of a sophisticated cadre of investigators with the requisite scientific research skills to advance the mission of the NIMH, namely to transform the understanding and treatment of mental illnesses through research. Each short course is expected to include both didactics and hands-on research experiences. Participants are limited to graduate/medical students, medical residents, postdoctoral scholars, and/or early-career faculty.

**Deadlines:**
Letter of Intent: 30 days before the application due date.

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**US Department of Agriculture - Family Support Programs Evaluation Plan Development & Implementation**
NIFA requests applications for the Family Support Programs Evaluation Competitive Grant Program for fiscal year (FY) 14 to assess and implement evaluations plans for DoD family support programs.

**Project objectives include:**
- Develop a program evaluation plan for one of the Navy’s financial education programs which includes a logic model, an assessment of the current program to determine if the program has standardized, documented activities and program delivery processes which can be evaluated, and a program evaluation plan with specific plan options, data collection methods and instruments once the program is determined as ready for evaluation.
- Implement previously established program evaluation plans with detailed evaluation procedures using an existing logic model and identified data collection measures AND develop feasible and sustainable program evaluation and internal program monitoring procedures for the following programs:
Transportation Research Board (TRB): IDEA Program Proposals Now Being Accepted
http://www.trb.org/IDEAProgram/IDEAProgram.aspx
TRB’s Innovations Deserving Exploratory Analysis (IDEA) annual program announcement solicits funding proposals for the upcoming review cycles. The programs provide start-up funding for promising, but unproven, innovations in surface transportation systems. The programs’ goals are to seek out and support new transportation solutions that are unlikely to be funded through traditional sources.
Deadlines:
• NCHRP IDEA proposals are due September 1st and March 1st, depending on which of the two funding cycles is targeted.
• The Safety IDEA program has only one review cycle per year; Safety IDEA proposals are due September 16, 2014.

National Science Foundation - Software Infrastructure for Sustained Innovation - SSE & SSI (SI2 - SSE&SSI)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504865
SI2 is a long-term investment focused on catalyzing new thinking, paradigms, and practices in developing and using software to understand natural, human, and engineered systems. SI2’s intent is to foster a pervasive cyberinfrastructure to help researchers address problems of unprecedented scale, complexity, resolution, and accuracy by integrating computation, data, networking, observations and experiments in novel ways. NSF expects that its SI2 investment will result in robust, reliable, usable and sustainable software infrastructure that is critical to achieving the CIF21 vision and will transform science and engineering while contributing to the education of next generation researchers and creators of future cyberinfrastructure. Education at all levels will play an important role in integrating such a dynamic cyberinfrastructure into the fabric of how science and engineering is performed.

The goal of the SI2 program is to create a software ecosystem that includes all levels of the software stack and scales from individual or small groups of software innovators to large hubs of software excellence. The program addresses all aspects of cyberinfrastructure, from embedded sensor systems and instruments, to desktops and high-end data and computing systems, to major instruments and facilities. Furthermore, it recognizes that integrated education activities will play a key role in sustaining the cyberinfrastructure over time and in developing a workforce capable of fully realizing its potential in transforming science and engineering.

The SI2 program includes three classes of awards:
1. Scientific Software Elements (SSE): SSE awards target small groups that will create and deploy robust software elements for which there is a demonstrated need that will advance one or more significant areas of science and engineering.
2. Scientific Software Integration (SSI): SSI awards target larger, interdisciplinary teams organized around the development and application of common software infrastructure aimed at solving common research problems faced by NSF researchers in one or more areas of science and engineering. SSI awards will result in a sustainable community software framework serving a diverse community or communities.
3. **Scientific Software Innovation Institutes (S2I2)**: S2I2 awards will focus on the establishment of long-term hubs of excellence in software infrastructure and technologies, which will serve a research community of substantial size and disciplinary breadth. **This solicitation includes SSE and SSI classes of awards only.**

**Deadlines:**
SSI Proposals: June 26, 2015
SSE Proposals: February 2, 2015

**Department of Defense - BROAD AGENCY ANNOUNCEMENT (BAA) FOR RESEARCH INITIATIVES AT THE NAVAL POSTGRADUATE SCHOOL**

The Naval Postgraduate School (NPS) is interested in receiving proposals for research initiatives that offer potential for advancement and improvement in the NPS core mission of graduate education and research. Readers should note that this is an announcement to declare NPS’s solicitation in competitive funding of meritorious research initiatives across a spectrum of science and engineering, business, politics and public/foreign policy, operational and informational sciences, and interdisciplinary disciplines that support the NPS’ graduate education and research mission.

Prior to preparing proposals, potential Offerors are strongly encouraged to contact an NPS point of contact (POC) whose program and research efforts best match the Offeror’s field of interest. The Academic and Research Programs links above can be used to locate an appropriate POC by exploring the information provided about the faculty members in each NPS’s schools, research institutes, and many interdisciplinary centers and research groups.

**Deadline:** July 31, 2015

**Department of Energy - Office of Science -- Early Career Research Program**
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260582

The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science. The Office of Science of the Department of Energy hereby invites grant applications for support under the Early Career Research Program in the following program areas:

**I. Advanced Scientific Computing Research (ASCR)**
(a) Applied Mathematics
(b) Computer Science

**II. Biological and Environmental Research (BER)**
(a) Systems Biology Research on Microbes Relevant to Biofuels Production
(b) Land-Atmosphere Interactions

**III. Basic Energy Sciences (BES)**
(a) Materials Chemistry
(b) Biomolecular Materials
(c) Synthesis and Processing Science
(d) Experimental Condensed Matter Physics
(e) Theoretical Condensed Matter Physics
(f) Physical Behavior of Materials
(g) Mechanical Behavior and Radiation Effects
(h) X-ray Scattering
(i) Neutron Scattering
(j) Electron and Scanning Probe Microscopies
(k) Atomic, Molecular, and Optical Sciences (AMOS)
(l) Gas Phase Chemical Physics (GPCP)
(m) Computation and Theoretical Chemistry
(n) Condensed Phase and Interfacial Molecular Science (CPIMS)
(o) Catalysis Science
(p) Separations and Analysis
(q) Heavy Element Chemistry (HEC)
(r) Geosciences Research
(s) Solar Photochemistry
(t) Photosynthetic Systems
(u) Physical Biosciences
(v) BES Nanoscale Science Research Centers and Electron-Beam Microcharacterization Centers Research
(w) BES Accelerator and Detector Research
(x) X-ray and Neutron Scattering Instrumentation and Technique Development
(y) Neutron Scattering Instrumentation and Technique Development

IV. Fusion Energy Sciences (FES)
(a) Magnetic Fusion Energy Science Experimental Research
(b) Magnetic Fusion Energy Science Theory and Simulation
(c) High-Energy-Density Plasma Science and Inertial Fusion Energy Science
(d) General Plasma Science Experiment and Theory
(e) Materials Science and Enabling Technologies for Fusion

V. High Energy Physics (HEP)
(a) Experimental Research at the Energy Frontier in High Energy Physics
(b) Experimental Research at the Intensity Frontier in High Energy Physics
(c) Experimental Research at the Cosmic Frontier in High Energy Physics
(d) Theoretical Research in High Energy Physics
(e) Accelerator Science and Technology Research & Development in High Energy Physics
(f) Detector Research and Development in High Energy Physics

VI. Nuclear Physics (NP)
(a) Medium Energy Nuclear Physics
(b) Heavy Ion Nuclear Physics
(c) Low Energy Nuclear Physics
(d) Nuclear Theory
(e) Nuclear Data and Nuclear Theory Computing
(f) Accelerator Research and Development for Current and Future Nuclear Physics Facilities
(g) Isotope Development and Production for Research and Applications

Deadlines:
REQUIRED Preapplication: September 11, 2014
Application: November 20, 2014

Department of Energy - RFI - Advanced Manufacturing Office (AMO) Software Tools
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260293
This is a Request for Information (RFI) only. Responses to the RFI will be treated as informational only and will not be viewed as a binding commitment for the respondent to develop or pursue the project or ideas discussed.
The purpose of this RFI is to solicit feedback from industry, academia, research laboratories, government agencies, and other stakeholders on issues related to market opportunities to enhance and expand upon certain AMO
system software tools and related assets. At the present time these software tool resources/assets are primarily maintained and managed by the U. S. Department of Energy’s (DOE’s) Advanced Manufacturing Office (AMO). This RFI seeks information to assist with the transition of these resources to be primarily or solely managed by a third party (or parties). AMO is particularly interested in business strategies to ensure:

- The resource content is maintained, improved and enhanced
- The resources remain available to the industrial sector
- The current and future market needs for these system assets are addressed
- Adaptation to rapidly changing and progressing electronic and IT infrastructure is embraced and addressed

**Response Date:** Sep. 30, 2014

**Elsa U. Pardee Foundation - Cancer Research Grants**
[http://www.pardeefoundation.org/grants.aspx](http://www.pardeefoundation.org/grants.aspx)

The Elsa U. Pardee Foundation funds research to investigators in United States non-profit institutions proposing research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers.

It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified. Applications requesting more than 25% overhead are usually not considered. Papers verifying nonprofit status and relevant human subject and experimental animal treatment approvals from the recipient institution will be requested prior to project initiation. A final report summarizing financial expenditure and research achievement is required.

**Deadlines:** Feb. 1, June 1, Oct. 1

**Eppley Foundation for Research - Support for Advanced Scientific Research**
[http://foundationcenter.org/grantmaker/eppley/](http://foundationcenter.org/grantmaker/eppley/)

The Eppley Foundation for Research funds projects in medicine, life sciences and the physical sciences. Particular areas of interest include innovative medical investigations and applications, endangered animals and ecosystems, and climate change. The Foundation does not research into diseases that have considerable financial support available, such as AIDS, diabetes, cancer and heart disease.

**Deadlines:**
- Letters of inquiry: September 15, March 15
- Invited Proposals: October 15, April 15

**National Institutes of Health - Understanding and Promoting Health Literacy (R01, R03, R21)**

The goal of this program announcement is to encourage methodological, intervention and dissemination research for understanding and promoting health literacy. Health literacy is defined as the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions (Ratzan and Parker, 2000).

Research appropriate for this funding announcement includes:

- A wide variety of research approaches are encouraged under this Funding Opportunity Announcement:
- Basic research to elucidate the mechanisms underlying health literacy and to determine the causal pathways that link health literacy to a behavioral outcome or to identify the underlying components of health literacy, such as cognitive ability or other constructs/skills integral to health literacy.
• Applied research addressing issues pertinent to health literacy practices (e.g., systems level interventions) and research-in-practice (e.g., active potential end users participate as research partners).
• Intervention research to develop and test the effectiveness of strategies to improve care (e.g., decision making, patient-centered care, self management) and health outcomes for individuals with limited health literacy.
• Intervention research to develop and test the effectiveness of strategies to reduce potentially harmful exposures by improving understanding of the link between environmental exposures and health outcomes for individuals with limited health literacy.
• Methodological and measurement research to refine constructs and to develop, validate and improve innovative methods and measures of health literacy of individuals, providers and health systems. Testing of measures that allow comparison across contexts, culture and settings are particularly encouraged.
• Public health research to improve population health literacy and elucidate and measure the role of health literacy as a contributor to health disparities.
• Implementation and dissemination research to adapt and test evidence-based practices and interventions in health care systems, communities, and diverse populations.

Multilevel, multidisciplinary, interdisciplinary, and transdisciplinary research is encouraged. Studies that incorporate state-of-the-science health communication theory and knowledge are particularly encouraged.

The R01 grant mechanism runs in parallel with two program announcements of identical scientific scope, PAR-13-131, for Small Grants (R03), and PAR-13-132, which uses the exploratory/developmental (R21) grant mechanism.

**Deadlines:**
R01: Feb. 5, Jun. 5, Oct. 5
R03 and R21: Feb. 16, Jun. 16, Oct. 16
AIDS Due Dates: Jan. 7, May 7, Sep. 7

**National Institutes of Health - NIH Transformative Research Awards (R01)**

The NIH Transformative Research Awards complements NIH’s traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research.

**Deadlines:**
Letter of Intent Due Date: September 10, 2014
Application Due Date(s): October 10, 2014
AIDS Application Due Date(s): October 10, 2014

**National Institutes of Health - Clinical Scientist Development Award in Aging (K08)**

This Funding Opportunity Announcement (FOA) encourages and assists the development of future leaders in the field of aging by supporting clinically trained (primarily physician) faculty members early in their careers to gain additional research training and to establish independent programs in aging research.

The John A. Hartford Foundation (http://www.jhartfound.org/) and The American Federation for Aging Research (http://www.afar.org/) are interested in independently funding applications submitted under this initiative.

The K08 provides support for an intensive, mentored research career development experience in biomedical or behavioral research in aging and geriatrics, including translational research. For the purpose of this award, translational research is defined as application of basic research discoveries toward the diagnosis, management, and prevention of human disease. Individuals with a clinical doctoral degree interested in pursuing a career in
patient-oriented research should refer to the companion FOA, RFA-AG-15-017 "Paul B. Beeson Patient-Oriented Research Career Development Award in Aging (K23)".

**Deadlines:**
Letter of Intent Due Date: **October 7, 2014**  
Application Due Date(s): **November 7, 2014**

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**National Institutes of Health - Transition to Independent Environmental Health Research (TIEHR) Career Development Award (K22)**


The Transitions to Independent Environmental Health Research (TIEHR) Career Development Award is a 3-year bridge scholar development program for newly independent faculty who intend to pursue careers focused on 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.

**Deadlines:**
Feb. 12, Jun. 12, Oct. 12  
AIDS Deadlines: Jan. 7, May 7, Sep. 7

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**National Institutes of Health - Patient-Oriented Research Career Development Award in Aging (K23)**


The National Institute on Aging (NIA) and the National Institute of Neurological Disorders and Stroke (NINDS) are pursuing this initiative to encourage and assist the development of future leaders in the field of aging by supporting clinically trained (primarily physician) faculty members early in their careers to gain additional research training and to establish independent programs in aging research. The John A. Hartford Foundation ([http://www.jhartfound.org/](http://www.jhartfound.org/)) and The American Federation for Aging Research ([http://afar.org/](http://afar.org/)) are interested in independently funding applications submitted under this initiative.

The objective of the NIH Mentored Patient-Oriented Research Career Development Award (K23) program is to provide salary and research support for a sustained period of “protected time” (3-5 years) to ensure a future cadre of well-trained scientists working in Patient-Oriented Research (POR). The K23 award is expected to help research-oriented clinicians to develop research skills and gain experience in advanced methods and experimental approaches needed to become an independent investigator conducting POR.

**Deadlines:**
Letter of Intent Due Date: **October 7, 2014**  
Application Due Date(s): **November 7, 2014**

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**National Institutes of Health - Research on Autism Spectrum Disorders (R01, R03, R21)**


This Funding Opportunity Announcement (FOA) encourages research grant applications to support research designed to elucidate the etiology, epidemiology, diagnosis, treatment, and optimal means of service delivery in relation to autism spectrum disorders (ASD). Basic, clinical, and applied studies are encouraged.

This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with two FOAs of identical scientific scope: **PA-13-218** and **PA-13-217**, which encourage applications under the R03 and R21 mechanisms, respectively.

**Deadlines:**
R01 Deadlines: **Feb. 5, Jun. 5, Oct. 5.**  
R03 and R21 Deadlines: **Feb. 16, Jun. 16, Oct. 16.**
National Institutes of Health - Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01)
This Funding Opportunity Announcement encourages applications using community-engaged research methods to investigate the potential health risks of environmental exposures of concern to the community and to implement an environmental public health action plan based on research findings. The overall goal is to support changes to prevent or reduce exposure to harmful environmental exposures and improve the health of a community.

Deadlines: Feb. 5, Jun. 5, Oct. 5

National Institutes of Health - Hazardous Materials Worker Health and Safety Training (U45)
This FOA issued by the National Institute of Environmental Health Sciences (NIEHS) invites applications for cooperative agreements to support the development of model programs for the training and education of workers engaged in activities related to hazardous materials and waste generation, removal, containment, transportation and emergency response. The major objective of this FOA is to prevent work-related harm by assisting in the training of workers in how best to protect themselves and their communities from exposure to hazardous materials encountered during hazardous waste operations, hazardous materials transportation, environmental restoration of contaminated facilities or chemical emergency response. A variety of sites, such as those involved with chemical waste cleanup and remedial action and transportation-related chemical emergency response may pose severe health and safety concerns to workers and the surrounding communities. These sites contain a multiplicity of hazardous substances, sometimes unknown substances, and often the site is uncontrolled. A major goal of the Worker Training Program (WTP) is to provide assistance to organizations in developing their institutional competency to provide appropriate model training and education programs.

Deadlines:
Letter of Intent: October 6, 2014
Application: November 6, 2014