Open RFPs February 27, 2012

Note: This is not a comprehensive list. The information below represents a sample of requests for proposals or applications (RFP/RFA) from governmental and non-governmental agencies with upcoming deadlines. Review previous postings and search directly through various listed search engines for more complete results.

Included in this update:

National Science Foundation
National Institutes of Health
National Aeronautics and Space Administration
Department of Defense Agencies
Department of Energy
Department of Commerce – NIST
Department of Transportation
National Endowment for the Humanities
National Endowment for the Arts
Department of Education
Department of State
Foundations and Private Organizations for Institutional Awards
Fellowships & Other Individual Awards
Announcements, Conferences, Calls for Papers
DOJ & Related Solicitations

Click on the heading to go directly to a specific section.

National Science Foundation

For complete list of opportunities visit: http://www.nsf.gov/funding/

GeoPRISMS Program

GeoPRISMS (Geodynamic Processes at Rifting and Subducting Margins) is the successor to the MARGINS Program. GeoPRISMS will investigate the coupled geodynamics, earth surface processes, and climate interactions that build and modify continental margins over a wide range of timescales. These interactions cross the shoreline and have applications to margin evolution and dynamics, construction of stratigraphic architecture, accumulation of economic resources, and associated geologic hazards and environmental management. The GeoPRISMS Program includes two broadly integrated science initiatives (*Subduction Cycles and Deformation* and *Rift Initiation and Evolution*), linked by five overarching scientific topics and themes, where transformative advances are likely to occur in the next decade, and where a focused scientific program could be most effective. These overarching science topics include 1) Origin and evolution of continental crust; 2) Fluids, magmas and their interactions; 3) Climate-surface-tectonics feedbacks; 3) Geochemical cycles; and 5) Plate boundary deformation and geodynamics. Each of the initiatives has identified primary sites for focused investigations, as well as thematic studies that will complement primary site studies

Further information and a science plan for the program detailing each initiative and the associated thematic studies, as well as the overarching themes, can be found on the GeoPRISMS website at http://www.geoprisms.org/.

http://www.nsf.gov/pubs/2012/nsf12537/nsf12537.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Deadline: July 2

Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences and in Education and Human Resources (BCC-SBE/EHR)

As part of NSF's Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Social, Behavioral, and Economic Sciences (SBE), the Directorate for Education and Human Resources (EHR), and the Office of Cyberinfrastructure seek to enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques to advance fundamental research for the SBE and EHR sciences. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research. Investigators should think broadly and create a vision that extends intellectually across multiple disciplines and that includes--but is not limited to--the SBE or EHR sciences.

http://www.nsf.gov/pubs/2012/nsf12538/nsf12538.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Deadline: May 22

Workforce Program in the Mathematical Sciences

The long-range goal of the DMS Workforce Program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who successfully pursue careers in the mathematical sciences and in other NSF-supported disciplines.

Among intermediate goals to this end are improvements in recruitment, retention, education, and placement of trainees in the mathematical sciences.

The program's primary interest is in activities centered on education through research involvement for trainees at the undergraduate through postdoctoral educational levels. Activities that broaden participation in the mathematical sciences are of significant interest to the Division of Mathematical Sciences.

The program is particularly interested in activities that improve:

- recruitment and retention: increasing the number and diversity of U.S. students who successfully pursue undergraduate and graduate degrees in mathematics and statistics;
- educational breadth: broadening graduate education and undergraduate education content in the mathematical sciences to prepare students for a wider range of career opportunities; and
- professional development: enhancing the professional skills of mathematical sciences postdoctoral associates, graduate students, and undergraduate students to better prepare them for both academic and nonacademic employment.

Full Proposal Window: May 15, 2012 - June 15, 2012

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503233&org=NSF&sel_org=NSF&from=fund

Developmental and Learning Sciences (DLS)

DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens.

Among the many research topics supported by DLS are: developmental cognitive neuroscience; development of higher-order cognitive processes; transfer of knowledge from one domain or situation to another; use of molecular genetics to study continuities and discontinuities in development; development of peer relations and family interactions; multiple influences on development, including the impact of family, school, community, social institutions, and the media; adolescents' preparation for entry into the workforce; cross-cultural research on development and learning; and the role of cultural influences and demographic characteristics on development. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying learning and development; and

integrates different processes (e.g., learning, memory, emotion), levels of analysis (e.g., behavioral, social, neural), and time scales (e.g. infancy, middle childhood, adolescence).

This program supports Integrative Research Activities for Developmental Science (IRADS). The program currently is at its capacity for supporting such large-scale awards, and is therefore not considering new IRADS proposals at this point in time. The program is accepting proposals for individual investigator projects (average total budget of approximately \$100,000 per year) and workshops/ small conferences (average total one-time budget of approximately \$15,000).

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671&org=NSF&sel_org=NSF&from=fund Deadline: July 15; January 15

Social Psychology

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span.

Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior.

The scientific merit of a proposal depends on four important factors: (1) The problems investigated must be theoretically grounded. (2) The research should be based on empirical observation or be subject to empirical validation. (3) The research design must be appropriate to the questions asked. (4) The proposed research must advance basic understanding of social behavior.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712&org=NSF&sel_org=NSF&from=fund Deadline: July 15; January 15

Law & Social Sciences

The Law & Social Sciences Program considers proposals that address social scientific studies of law and law-like systems of rules. The program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. Social scientific studies of law often approach law as dynamic, made in multiple arenas, with the participation of multiple actors. Fields of study include many disciplines, and often address problems including though not limited to:

- 1. Crime, Violence and Punishment
- 2. Economic Issues
- 3. Governance
- 4. Legal Decisionmaking
- 5. Legal Mobilization and Conceptions of Justice
- 6. Litigation and the Legal Profession
- 7.

LSS provides the following modes of support:

- 1. Standard Research Grants and Grants for Collaborative Research
- 2. Doctoral Dissertation Research Improvement Grants
- 3. Interdisciplinary Postdoctoral Fellowships
- 4. Workshop and Conference Proposals

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504727&org=NSF&sel_org=NSF&from=fund

Deadline: July 16, January 15

Political Science

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to,

American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions.

In recent years, program awards have supported research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies; democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; political psychology and political tolerance. The Program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418&org=NSF&sel_org=NSF&from=fund Deadline: August 15, January 15

Advanced Computing Infrastructure: Vision and Strategic Plan

FAQs for Computing Education for the 21st Century (CE21) have been posted at http://www.nsf.gov/pubs/2012/nsf12050/nsf12050.jsp?WT.mc id=USNSF 25&WT.mc ev=click.

National Institutes of Health

NIMHD Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01) Background –

Current Closing Date for Applications: Jun 04, 2012

The purpose of this Funding Opportunity Announcement (FOA) is to solicit innovative social, behavioral, health services, and policy research that can directly and demonstrably contribute to the elimination of health disparities. Projects may involve primary data collection or secondary analysis of existing datasets. Projects that examine understudied health conditions; examine the effectiveness of interventions, services, or policies for multiple health disparity populations; and/or directly measure the impact of project activities on levels of health disparities are particularly encouraged.

For more information click here.

Advanced Research and Development of Chemical, Biological, Radiological, and Nuclear Medicine Countermeasures - DHHS

SOL: BARDA-CBRN-BAA-12-100-SOL-00011

BARDA encourages the advanced research, development and acquisition of medical countermeasures such as vaccines, therapeutics, and diagnostics, as well as innovative approaches to meet the threat of CBRN agents in support of the preparedness mission and priorities of the HHS Public Health Emergency Medical Countermeasures Enterprise (PHEMCE) articulated in the PHEMCE Implementation Plan for CBRN Threats. Research Areas of Interest: 1. Vaccines Development 2. Antitoxins and Therapeutics 3. Antimicrobials and Antivirals 4. Radiological and Nuclear Agent Countermeasures 5. Chemical Agent Countermeasures 6. Diagnostics BARDA anticipates that research and development activities awarded from this Broad Agency Announcement (BAA) will serve to advance the knowledge and scientific understanding of candidates' countermeasures for CBRN threats toward eventual FDA approval and their inclusion in the Strategic National Stockpile (SNS). This synopsis is not a BAA; a BAA is anticipated on March 4, 2012. The Government expects to make 1 or more awards, subject to the availability of funds.

National Aeronautics and Space Administration

See open RFP listings at http://science.nasa.gov/researchers/sara/grant-solicitations/

Department of Defense Agencies

DARPA listings – see also http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities.aspx
http://www.onr.navy.mil/Science-Technology/Departments/Code-34/All-Programs.aspx

Cyberspace Warfare Operations Capabilities (CWOC) - Air Force

SOL: FA8707-12-R-0011

DUE: 123112

BROAD AGENCY ANNOUNCEMENT (BAA ESC 07-0001) ELECTRONIC SYSTEMS CENTER/HSJG, CYBERSPACE WARFARE OPERATIONS CAPABILITIES (CWOC), TECHNOLOGY CONCEPT DEMONSTRATIONS

Mobile Hotspots – DARPA

Solicitation: BAA 12-23 Due: Mar 26, 2012

DARPA is soliciting innovative research proposals for developing high capacity point-to-point links at millimeter-wave frequencies for use as a mobility backbone capable of delivering tactical communications capacity to the warfighter at the company and below level. Proposed program, Mobile Hotspots, should investigate innovative approaches to produce steerable millimeter-wave links with data rates at or beyond 1 Gb/s between aerial, mobile and fixed nodes.https://www.fbo.gov/index?s=opportunity&mode=form&id=3d1758d6970cee7d6e4d337c442 Ode4f&tab=documents&tabmode=list

BAA Topic #27 - Next Generation Combat Engine - Army

SOL: TARBAATOPIC27

DUE: 040912: Under BAA Topic 27, the Government invites proposals to explore the further development of an advanced next generation combat specific high power density, high efficiency, lower heat rejecting, multi-fuel capable engine. The successful offeror is required to utilize a scalable engine family design to maximize value to the Government and military vehicles. The Government intends to award one (1) contract with available funding. Under the resulting contract, the successful offeror will be required to deliver one (1) prototype engine at contract completion. Synopsis

Jettisoned Contraband Recovery - Homeland Security

SOL: HSCG32-12-R-R00011

DUE: 032912

This BAA solicits a range of alternative technologies that may facilitate contraband recovery. A system or device that can be quickly deployed to track, mark, or tag jettisoned contraband while a pursuit is underway is desired. Additionally, a system or device that can improve locating, sensing, searching ,or recovering jettisoned contraband after materials have drifted or sunk is also desired. Combine Synopsis/Solicitation

REQUEST FOR CONCEPT PAPERS FOR NEXT GENERATION BODY ARMOR ARCHITECTURE UNDER THE US ARMY

NATICK SOLIDER RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND

SOL: NATICK-BAA-11-13-3

DUE: 030912

U.S. Army Natick Soldier Research, Development and Engineering Command in cooperation with Program Executive Office Soldier / PM-Soldier Protection Equipment OBJECTIVE: The objective of this effort is to investigate and study the parameters involved in addressing critical body armor interfaces with respect to system modularity, scalability and tailorability (ex. ease of system use, range of motion, comfort, and marksmanship). The Government is not soliciting for the development of a specific system or hardware. The desired final outcome will be to advance existing technology and address scientific and technical problems associated with the development of single product architecture for modular, scalable, tailorable body armor. DESCRIPTION: The next generation of body armor development will be focused on the need for a multi-functional, modular, scalable protection system that improves soldier physiological performance while reducing system/component redundancy and logistic foot print. The current state of the art provides multiple systems to address modularity and scalability for protecting the torso, extremities and pelvic region. The main intent of this effort is to conduct a study that leads to the development of a single product architecture that addresses the following tiers of protection while addressing load redistribution (reduces point loads on the shoulders and reduces soldier fatigue while wearing typical combat equipment including an assault pack and/or a rucksack). Synopsis

Structures and Materials Research and Development (BAA) - Navy

SOL: N00421-10-R-1041

The NAVAL AIR SYSTEMS COMMAND (NAVAIR) and the Structures and Materials Engineering Divisions under the Air Vehicle Department (AIR-4.3) are soliciting proposals for research and development (R&D) concepts in the area of structures and materials to support current and future Naval Aviation needs. Concepts proposed may represent novel dedicated technologies and/or dual use of new emerging commercial technology. II.

BACKGROUND. The missions of the Structures and Materials Engineering Divisions of the NAVAIR Air Vehicle Department are to identify and pursue the most promising technologies within a broad spectrum of the science and engineering research communities and to develop, evaluate, and transition those technologies into NAVAL AIR SYSTEMS to impart new military capabilities. Modification

Military Imaging and Surveillance Technology-Long Range (MIST-LR) Program - DARPA

SOL: DARPA-BAA-12-22

DUE: 041212

Military Imaging and Surveillance Technology-Long Range (MIST-LR) Program DARPA is soliciting innovative research proposals in the area of high-resolution, long-range geometric and 3-D imaging technology. Proposed research should investigate new, innovative approaches that enable revolutionary advances in science, devices, or systems.

Specifically excluded is research that primarily results in evolutionary improvements to concepts that have been explored by DARPA and other Government agencies, or evolutionary improvements to the existing state of practice.

BAA TO ESTABLISH GOVERNMENT/UNIVERSITY COOP AGREEMENTS IN SUPPORT OF BASIC AND APPLIED RESEARCH AND EDUCATIONAL PROGRAMS - Navy

SOL: N00421-12-R-0026

THE INTENT OF THIS BROAD AGENCY ANNOUNCEMENT IS TO ESTABLISH GOVERNMENT-UNIVERSITY COOPERATIVE AGREEMENTS IN SUPPORT OF BASIC AND APPLIED RESEARCH AND EDUCATIONAL PROGRAMS FOR THE NAVAL AIR SYSTEMS COMMAND INTRODUCTION The Naval Air Systems Command (NAVAIR) is soliciting white papers from universities, colleges, and educational research institutes to establish Cooperative Agreements (CAs) to collaborate in a broad range of research areas.

PARTNERSHIP OPPORTUNITY DOCUMENT FOR GREEN PROPULSION SYSTEMS - NASA

SOL: 2012-597

Due: Notice of Intent – Mar 2, 2012; Proposals due Apr 30, 2012.

The Propulsion Systems Utilizing Green Propellant Alternatives to Hydrazine is proposed to demonstrate new technologies capabilities, offer clear infusion potential in to future NASA missions, and capture significant public interest and awareness. The National Aeronautics and Space Administration (NASA) Office of the Chief Technologist(OCT) has released a Broad Agency Announcement (BAA NNM12ZZP03K) for the Technology Demonstration Mission (TDM). The OCT conducts Principal Investigator (PI)-led space technology missions. The BAA has one focus Propulsion Systems Utilizing Green Propellant Alternatives to Hydrazine, the subject of this POD. This partnership opportunity is being issued to select partners to perform a technology demonstration of green propellants, a general name for a family of propellants (liquid, solid, mono- or bi-propellants, and hybrids) which offer safer handling conditions and lower environmental impact.

Butyrylcholinesterase Expression in Plants - DARPA

SOL: DARPA-BAA-12-31

DUE: 042612

DARPA is seeking innovative research proposals that will demonstrate the ability to produce a recombinant butyrylcholinesterase (rBuChE) using the Nicotiana benthamiana plant-based expression platform that has the same pharmacokinetic profile as a plasma-derived human butyrylcholinesterase (hBuChE) butyrylcholinesterase. The funding is intended to establish the technical precedence for the use of the plant platform to generate a rapid and scalable form of pre-exposure therapeutic bioscavenger against organophosphate nerve agents. Funding is for basic research only. The anticipated period of funding is for 12 months.

Extended Solids - DARPA SOL: DARPA-BAA-12-20

DUE: 052212

DARPA is soliciting innovative multidisciplinary research proposals to develop and demonstrate synthesis methods of materials with superior properties (>1.5X over SOA) that currently can only be made using ultrahigh pressure techniques, such that processing under conditions amenable to production scales (<2000 K and 0.5 GPa) and stability under ambient conditions is achieved. Extended solids are polymorphs/phases of simple molecules that are currently formed under ultrahigh pressure conditions where strong intermolecular bonding and tight crystal packing can be induced, leading to dramatic changes in physical, mechanical, and functional properties. Synopsis

Metamaterials for RF and Optical Applications – Air Force

SOL: BAA-12-01-PKS

The objective of this Open BAA is to encourage a flow of supplementary and/or complementary technologies for electromagnetic metamaterials. Such technologies may include active electronic matching networks, frequency selective structures, and periodic structure with engineered dispersion, including photonic band-gap materials, acoustic metamaterials. Innovative advancements in using metamaterials and/or complementary technologies that leverage commercial economies of scale are highly desired. The areas of focus are Radio Frequency (RF), Optical, Acoustic and Bio-Related Metamaterials. ONLY WHITE PAPERS ARE BEING REQUESTED AT THIS TIME.

Multiplexed detection of diagnostic targets using a high-throughput, field-portable smartphone attachment -

DOD

SOL: DTRA-12-CBA-0001

DUE: 031212 SET-ASIDE: N/A

The Defense Threat Reduction Agency is interested in demonstrating multiplexed detection of at least three diagnostic targets in clinically relevant samples using a high-throughput, field-portable smartphone attachment. This sources sought notification should be considered an open call for offerors having the capability to meet the types of efforts described in the attached RFI document. This RFI is solely for information and does not constitute a solicitation or the issuance thereof. RFI submission requirements are addressed in the attached RFI Document.

DTRA is accepting questions for this RFI but will not be providing responses. The questions will be used to develop more information and receive input from industry regarding this interest. The RFI is strictly a request for capability packages.

Department of Energy

https://eere-exchange.energy.gov/

ARPA-E Request for Information (RFI) on **Advanced Technologies for Robust Control of Energy Storage Program** Current Closing Date for Applications: Mar 09, 2012

- 1. Eligibility: Unrestricted (i.e., open to any type of entity above), subject to any clarification in text field entitled "Additional Information on Eligibility"
- 2. The purpose of this RFI is solely to solicit input for ARPA-E consideration to inform the possible formulation of future energy management systems programs. Information obtained may be used by ARPA-E on a non-attribution basis. This RFI provides the broad research community with an opportunity to contribute views and opinions regarding novel sensing, modeling, and management strategies to maximize the performance of an ESS. Based on the result of this RFI and other considerations, ARPA-E may decide to issue a formal FOA for this area. If a formal FOA is issued, it will be issued under a new FOA number. No FOA exists at this time. ARPA-E reserves the right to never issue a FOA in this area. To obtain a copy of the RFI, please go to the ARPA-E website at https://arpa-e-foa.energy.gov.

For more information click here.

The Golden Field Office announced a funding opportunity through its **Bridging Research Interactions through Collaborative Development Grants in Energy (BRIDGE)** Program

Current Closing Date for Applications: May 21, 2012

- 1. Eligibility: Unrestricted (i.e., open to any type of entity above), subject to any clarification in text field entitled "Additional Information on Eligibility"
- 2. Bridging Research Interactions through Collaborative Development Grants in Energy (BRIDGE) is a new program that intends to support the SunShot Initiative by increasing the depth and breadth of expertise being applied to PV and CSP technology challenges. The BRIDGE program will employ a two-part linking approach to effectively develop U.S. capability in PV and CSP device and system design. First, BRIDGE will support the development of new Collaborative Research Teams (CRTs) of researchers who share coherent scientific goals and diverse but complementary theoretical, computational and/or experimental approaches. In addition, BRIDGE will encourage CRTs to explore opportunities to leverage existing DOE assets and expertise housed within the DOE Basic Energy Sciences (BES) Scientific User Facilities, the DOE Biological and Environmental Sciences (BER)Environmental Molecular Sciences Laboratory (EMSL) and Advanced Scientific Computing Research facilities (ASCR). The full Funding Opportunity Announcement (FOA) is posted on the EERE Exchange website at https://eere-exchange.energy.gov. Applications must be submitted through the EERE Exchange website to be considered for award. The applicant must first register and create an account on the EERE Exchange website. The Users' guide for applying to Department of Energy (DOE), Energy Efficiency and Renewable Energy's (EERE) Funding Opportunity Announcements (FOA) through the Exchange website can be found at https://eere-exchange.energy.gov/Manuals.aspx. Information on where to submit questions regarding the content of the announcement and where to submit questions regarding submission of applications is found in the full FOA posted on the EERE Exchange website.

For more information <u>click here</u>.

Energy. On February 23, the Obama Administration announced funding for breakthroughs in natural Gas and biofuels as alternative fuels for vehicles. Through its Advanced Research Projects Agency – Energy (ARPA-E), the Energy Department will make \$30 million available for a new research competition in the coming months that will

look to find ways to harness our abundant supplies of domestic natural gas for vehicles. The Department of Energy will also make \$14 million available to support research and development into biofuels from algae. For more information on these opportunities, click here.

See also http://arpa-e.energy.gov/media/news/tabid/83/vw/1/itemid/44/president-obama-announces-funding-for-breakthroughs-in-natural-gas-and-biofuels-as-alternative-

<u>fuels.aspx?utm_medium=email&utm_campaign=February+23+2012+Newsletter&utm_content=February+23+2012+Newsletter+CID_2033b274977bd88070f1cc89d67d7e0d&utm_source=Email+marketing+software&utm_term=h_ere.</u>

Department of Commerce - NIST

National Strategy for Trusted Identities in Cyberspace (NSTIC) Pilot Grant Program - NIST

Solicitation: 2012-NIST-NSTIC-01 Due: Mar 7, 2012 (pre-proposal)

NIST is soliciting proposals from eligible proposers to pilot on-line identity solutions that embrace and advance the NSTIC vision: that individuals and organizations utilize secure, efficient, easy-to-use, and interoperable identity credentials to access online services in a manner that promotes confidence, privacy, choice, and innovation. Specifically, the Federal government seeks to initiate and support pilots that address the needs of individuals, private sector organizations and all levels of government in accordance with the NSTIC Guiding Principles that identity solutions will be (1) privacy-enhancing and voluntary, (2) secure and resilient, (3) interoperable, and (4) cost-effective and easy-to-use.

NIST will fund pilot projects that are intended to test or demonstrate new solutions, models or frameworks that do not exist in the marketplace today.

http://www.nist.gov/nstic/

Department of Transportation

Innovations Deserving Exploratory Analysis (IDEA) Programs – Dept Transportation

Due Dates: Mar 1 – Highway IDEA

Apr 1 – Safety IDEA May 1 - Transit IDEA

Innovations Deserving Exploratory Analysis (IDEA) programs fund research into promising but unproven innovations for highways, transportation safety, and transit. The programs' goals are to seek out and support new transportation solutions that are unlikely to be funded through traditional sources. Top three things selection committees are looking for in IDEA proposals are innovation, benefits, and science. The following three IDEA programs are active and receiving proposals:

- 1. NCHRP Highway IDEA this program seeks proposals with potential to advance the construction, safety, maintenance, and management of highway systems. The program is sponsored by the member states of the American Association of State Highway and Transportation Officials.
- 2. Transit IDEA the Transit IDEA panel has established four high-priority focus areas to encourage proposals in the following areas:
- (1) increasing transit ridership; (2) improving transit safety, security, and emergency preparedness; (3) improving transit capital and operating efficiencies; and (4) protecting the environment and promoting energy independence.
- 3. Safety IDEA this program is sponsored by the Federal Motor Carrier Safety Administration and the Federal Railroad Administration. The U.S.

Department of Transportation has set aggressive goals for reducing fatalities and injuries. To this end, the Safety IDEA program provides funding for projects that promote innovative approaches to improving intercity bus and

truck safety or railroad safety. The program encompasses vehicle improvements, operator performance, and alertness improvements; operational practices; and hazard reduction, among other interest areas. http://www.trb.org/IDEAProgram/IDEAProgram.aspx

National Endowment for the Humanities

For a complete list of opportunities go to www.neh.gov and click on apply for grants.

See Fellowships for a list of NEH-supported Summer Seminars and Institutes for College Faculty.

National Endowment for the Arts

www.nea.gov

Department of Education

http://www2.ed.gov/fund/grant/apply/grantapps/index.html

Request for Information; Promising and Practical Strategies to Increase Postsecondary Success

The Secretary of Education (Secretary) invites institutions of higher education (IHEs), non-profit organizations, States, systems of higher education, adult education providers, researchers, and institutional faculty and staff, or consortia of such entities, to provide the Department of Education (Department) with information about promising and practical strategies, practices, programs, and activities (promising and practical strategies) that have improved rates of postsecondary success, transfer, and graduation.

Responses to this RFI may be submitted at any time, but in order for a response to be considered in the first round of reviews, it should be submitted by April 30, 2012. Provide any submission related to this RFI to the following email address: collegecompletion@ed.gov. Alternatively, mail or deliver submissions to David Soo, Office of Postsecondary Education, U.S. Department of Education, 1990 K Street NW., Washington, DC 20006.

Department of State

http://exchanges.state.gov/grants/open2.html

Foundations and Private Organizations for Institutional Awards

Philanthropy News Digest (http://foundationcenter.org/pnd/rfp/) can offer suggestions from private foundations.

Robert Wood Johnson Foundation

Public Health Services and Systems Research: Building Evidence for Decision-Making

Public Health Services and Systems Research (PHSSR) is a multidisciplinary field of study that examines the organization, financing, delivery and quality of public health services within communities and the resulting impact on population health. Significant changes are occurring in the delivery of public health services as a result of external forces and public health policies, creating opportunities to study the impact of these changes on population health. This solicitation seeks to expand the evidence base for effective decision-making in public health practice and policy through research that utilizes natural experiments to respond to the questions defined in the National Agenda for PHSSR: www.publichealthsystems.org/cphssr/Research/PHSSR Research Agenda.

Key Dates:

February 28, 2012 (3 p.m. ET)—Optional applicant Web conference calls. Registration is required.

- March 6, 2012 (3 p.m. ET)—Deadline for receipt of intent to apply (required). View Intent to Apply.
- March 27, 2012 (3 p.m. ET)—Deadline for receipt of full proposals. <u>View Full Proposal</u>.

http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21389&cid=XEM 206615

Fellowships & Other Individual Awards

NEH-supported Summer Seminars and Institutes for College Faculty http://www.neh.gov/projects/si-university.html

Application Deadline: March 1, 2012 (postmark)

Amount of Award

NEH Summer Scholars are awarded fixed stipends to help cover travel costs, books and other research expenses, and living expenses. Stipend amounts are based on the length of the NEH Summer Seminar or Institute: \$2,100 (2 weeks), \$2,700 (3 weeks), \$3,300 (4 weeks), or \$3,900 (5 weeks).

Eligibility

NEH Summer Seminars and Institutes are designed primarily for teachers of American undergraduate students. Qualified independent scholars and those employed by museums, libraries, historical societies, and other organizations may be eligible to compete, provided they can effectively advance the teaching and research goals of the project.

You may request information about as many projects as you like, but **you may apply to no more than two** NEH Summer Programs (seminars, institutes, or Landmarks Workshops) **and you may attend only one**.

Please note:

Adjunct faculty, community college faculty, and first-time participants are encouraged to apply. Up to two spaces in each seminar and three spaces in each institute are reserved for current full-time graduate students in the humanities.

NEH SUMMER SEMINARS

Each NEH Summer Seminar includes sixteen participants working in collaboration with one or two leading scholars. Seminars examine important texts and authors or review significant scholarship on an important historical period or event. Participants have access to a major research collection, with time reserved to pursue individual projects.

Communication, Empire, and the City of Rome

Rome, Italy: June 25-July 27 (5 weeks)

Richard Talbert, University of North Carolina, Chapel Hill, and Michael Maas, Rice University

France's Haunting Past: Recent Debates on Twentieth-Century French History and National Identity

Paris, France: June 5-July 5 (5 weeks)

Richard J. Golsan, Texas A&M University, and Henry Rousso, Institut d'Histoire du Temps Present, Paris

Health and Disease in the Middle Ages London, UK: June 24-July 28 (5 weeks)

Monica H. Green and Rachel E. Scott, Arizona State University

James Joyce's Ulysses: Text and Contexts Dublin, Ireland: June 18-July 20, 2012 (5 weeks)

Kevin J.H. Dettmar, Pomona College, and Paul K. Saint-Amour, University of Pennsylvania

Jane Austen and Her Contemporaries Columbia, MO: June 18-July 20 (5 weeks)

Devoney Looser, University of Missouri, Columbia

Liberty, Equality, and Justice: Philosophical Problems in Domestic and Global Contexts

St. Louis, MO: June 4-29 (4 weeks)

Christopher Heath Wellman, Washington University, St. Louis, and Andrew Altman, Georgia State University

Oscar Wilde and His Circle

Los Angeles, CA: June 25-July 27 (5 weeks)

Joseph Bristow, University of California, Los Angeles

Tudor Books and Readers: 1485-1603 London and Oxford, UK; Antwerp, Belgium: June 18-July 20 (5 weeks)

World War I in the Middle East

Washington, DC: June 9-July 6 (4 weeks)

Mustafa Aksakal, American University, and Elizabeth F. Thompson, University of Virginia

NEH SUMMER INSTITUTES

Under the guidance of distinguished scholars, NEH Summer Institutes provide intensive collaborative study of texts, topics, and ideas central to undergraduate teaching in the humanities. NEH Summer Institutes aim to prepare NEH Summer Scholars to return to their classrooms with a deeper knowledge of current scholarship in key fields of the humanities.

The American Maritime People

Mystic, CT: June 25-July 27 (5 weeks)

Glenn S. Gordinier, Munson Institute, and Eric Paul Roorda, Bellarmine University

Contemporary African American Literature University Park, PA: July 9-27, 2012 (3 weeks) Lovalerie King, Pennsylvania State University

Experimental Philosophy

Tucson, AZ: July 2-27 (4 weeks)

Shaun Nichols, University of Arizona, and Ron Mallon, University of Utah

Faculty: Helen Beebee, Michael Devitt, John Doris, Alvin Goldman, Joshua Knobe, Tania Lombrozo, Edouard Machery, Jennifer Nagel, Eddy Nahmias, Ram Neta, Ernest Sosa, Stephen Stich, Jonathan Weinberg

Investigating Consciousness: Buddhist and Contemporary Philosophical Perspectives

Charleston, SC: May 21-June 2 (2 weeks)

Christian Coseru, College of Charleston; Jay Garfield, Smith College; and Evan Thompson, University of Toronto

The Legacy of Ancient Italy: The Etruscan and Early Roman City

Rome and other sites in Italy: June 5-25 (3 weeks)

Gregory Warden, Southern Methodist University, and Carole Lester, Richland College

Leonardo da Vinci: Between Art and Science Florence, Italy: June 25-July 13 (3 weeks)

Francesca Fiorani, University of Virginia, Kunsthistorisches Institut in Florenz / Max-Planck-Institut

Mesoamerica and the Southwest: A New History for an Ancient Land Mexico City, Arizona, and New Mexico: June 17-July 23 (5 weeks)

Laraine Fletcher, Adelphi University, and George Scheper, Johns Hopkins University and Community College of Baltimore County

Networks and Knowledge in the Medieval Muslim-Christian-Jewish Mediterranean

Barcelona, Spain: July 2-27 (4 weeks)

Sharon Kinoshita, University of California, Santa Cruz, and Brian Catlos, University of California, Santa Cruz and University of Colorado, Boulder

Re-envisioning Asian American Art History New York City, NY: July 9-28 (3 weeks)

John Kuo Wei Tchen, Alexandra Chang, New York University, and Margo Machida, University of Connecticut

Roman Comedy in Performance

Chapel Hill, NC: June 24-July 20 (4 weeks)

Sharon L. James, University of North Carolina, Chapel Hill, and Timothy J. Moore, University of Texas, Austin

The Visual Culture of the American Civil War

New York, NY: July 9-20 (2 weeks)

Donna Thompson Ray, The Graduate Center, City University of New York

Announcements, Conferences, Calls for Papers

Apr. 16-18, 2012 – The National Institutes of Health Regional Seminar, Indianapolis, Ind. – An opportunity to meet and discuss grant issues with NIH officials, including the peer review process, grant writing for success, pre-award and post-award issues for investigators, compliance, how to interact electronically with NIH, and how faculty can map their careers with NIH; intended for experienced investigators who want to obtain updates on grants policies and procedures, as well as for those new to the grants process. More on the NIH website.

Looking Forward

New initiatives being announced include:

• **Promoting A Bioeconomy**: President Obama issued a Presidential Memorandum today directing the Federal Government to take decisive steps to dramatically increase the purchase of biobased products over the next two years, which will create jobs and drive innovation where biobased products are grown and manufactured. The Memorandum will also result in a 50 percent increase in the number of new products that are designated as biobased. Biobased products include items like paints, soaps and detergents and are developed from farm grown plants, rather than chemicals or petroleum bases. The biobased products sector marries the two most important economic engines for rural America: agriculture and manufacturing.

http://www.whitehouse.gov/the-press-office/2012/02/21/we-can-t-wait-obama-administration-announces-steps-boost-rural-economy-p

Energy. On February 23, the Obama Administration announced funding for breakthroughs in natural Gas and biofuels as alternative fuels for vehicles. Through its Advanced Research Projects Agency – Energy (ARPA-E), the Energy Department will make \$30 million available for a new research competition in the coming months that will look to find ways to harness our abundant supplies of domestic natural gas for vehicles. The Department of Energy

will also make \$14 million available to support research and development into biofuels from algae. For more information on these opportunities, click here.

DOJ & Related Solicitations

Compiled and distributed by Elena Bystrova, HCLC.

Office of Justice Programs
Office of Violence Against Women

OVW Fiscal Year 2012 Legal Assistance for Victims Grant Program Grant http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=143914

- 1. Deadline March 26, 2012
- 2. Expected number of awards 70
- 3. Eligible applicants public and state controlled institutions of higher education, Native American tribal governments (Federally recognized); Native American tribal organizations (other than Federally recognized tribal governments); Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education; Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education; Private institutions of higher education
- 4. Description The Legal Assistance for Victims (LAV) Grant Program is intended to increase the availability of civil and criminal legal assistance needed to effectively aid adult and youth victims of sexual assault, domestic violence, dating violence, and stalking who are seeking relief in legal matters arising as a consequence of that abuse or violence. Criminal legal assistance is limited to criminal matters relating to sexual assault, domestic violence, dating violence, and stalking. LAV Grant Program funds may not be used to provide criminal defense services. The LAV Grant Program makes awards to law school clinics, domestic violence victims' programs and shelters, bar associations, rape crisis centers and other sexual assault services programs, private nonprofit entities, Indian Tribal governments and Tribal organizations, Territorial organizations, legal aid or statewide legal services, and faith- and/or community-based legal service providers. Grant funds may be used to provide direct legal services to victims of sexual assault, domestic violence, dating violence, and stalking in matters arising from abuse or violence and to provide enhanced training for lawyers representing these victims as well as advocates. The objective of the LAV Grant Program is to develop innovative, collaborative projects that provide quality representation to victims of sexual assault, domestic violence, dating violence, and stalking. "Legal assistance" includes assistance to adult and youth victims of sexual assault, intimate partner domestic violence, dating violence, and stalking in: a) family, Tribal, Territorial, immigration, employment, administrative agency, housing matters, campus administrative or protection or stay away order proceedings, and other similar matters; and b) criminal justice investigations, prosecutions and post-trial matters (including sentencing, parole, and probation) that impact the victim's safety and privacy.

Office of Justice Programs
National Institute of Justice

NIJ FY 12 Research on Illegal Prescription Drug Market Interventions http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=145016

- 1. Deadline May 17, 2012
- 2. Expected number of awards 2
- 3. Eligible applicants Unrestricted
- 4. Description NIJ seeks proposals for research on illegal prescription drug markets to examine the utility of policies, practices, and resources available to law enforcement for major crime deterrence, prosecution, and other market intervention measures. This solicitation has two objectives: policy analysis of criminal

diversion of prescription medication laws, and Prescription Drug Monitoring program optimization for law enforcement.

Office of Justice Programs

National Institute of Justice

Data Resources Program 2012: Funding for Analysis of Existing Data

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=145033

- 1. Deadline May 17, 2012
- 2. Expected number of awards 3
- 3. Eligible applicants Unrestricted
- 4. Description In partnership with the Bureau of Justice Statistics (BJS) and the Office of Juvenile Justice and Delinquency Prevention (OJJDP), The National Institute of Justice (NIJ) seeks proposals under the Data Resources Program (DRP) solicitation for original research using existing data available from the National Archive of Criminal Justice Data (NACJD) and other public sources. NACJD houses quantitative and qualitative data from research funded by these agencies, and data are made available online as downloadable, machine-readable files along with necessary documentation. NACJD is maintained by the Inter-University Consortium for Political and Social Research at the University of Michigan and is supported by NIJ, BJS, and OJJDP.

Office of Justice Programs

National Institute of Justice

Social Science Research on Indigent Defense

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=146173

- 1. Deadline May 23, 2012
- 2. Expected number of awards 2
- 3. Eligible applicants unrestricted
- 4. Description NIJ seeks proposals for funding to examine indigent criminal defense services, policies, and practices. This includes services provided by any of the following: State-funded, county-funded, city-funded, or tribal public defender's offices; contract indigent defense lawyers; court-appointed counsel for indigent defendants; and/or, pro bono services provided by criminal defense attorneys. These services can be at the pretrial, trial, post-conviction, and/or appellate stages and involve either juvenile and/or adult defendants. Applicants are encouraged to consider research involving either (1) access to counsel and waiver of counsel by juveniles and/or adults, or (2) the effectiveness of other defense team members in indigent defense cases. However, other strong research proposals will be considered as well.

Office of Justice Programs

Bureau of Justice Assistance

BJA FY 12 Second Chance Act Reentry Program for Adult Offenders with Co-Occurring Substance Abuse and Mental Health Disorders Grant

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=145953

- 1. Deadline April 24, 2012
- 2. Expected number of awards n/a
- 3. Eligible applicants state governments, county governments, city and township governments, Native American tribal governments, others.
- 4. Description The Second Chance Act of 2007 (Pub. L. 110-199) provides a comprehensive response to the increasing number of incarcerated adults and juveniles who are released from prison, jail, and juvenile residential facilities and returning to communities. There are currently over 2.3 million individuals serving time in our federal and state prisons, and millions of people cycling through local jails every year. Ninety-five percent of all offenders incarcerated today will eventually be released and will return to communities. The Second Chance Act helps to ensure that the transition individuals make from prison, jail, or juvenile

residential facilities to the community is successful and promotes public safety. The Second Chance Act Programs are designed to help communities develop and implement comprehensive and collaborative strategies that address the challenges posed by offender reentry and recidivism reduction. "Reentry" is not a specific program, but rather an evidence-based process that starts when an offender is initially incarcerated and ends when the offender has been successfully reintegrated in his or her community as a law-abiding citizen. The reentry process includes the delivery of a variety of evidence-based program services for every program participant in both a pre- and post-release setting designed to ensure that the transition from prison or jail to the community is safe and successful.

Office of Justice Programs Bureau of Justice Assistance

BJA FY 12 Second Chance Act Family-Based Adult Offender Grant http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=145955

- 1. Deadline April 24, 2012
- 2. Expected number of awards n/a
- 3. Eligible applicants state governments, county governments, city and township governments, Native American tribal governments, others.
- 4. Description The Second Chance Act of 2007 (Pub. L. 110-199) provides a comprehensive response to the increasing number of incarcerated adults and juveniles who are released from prison, jail, and juvenile residential facilities and returning to communities. There are currently over 2.3 million individuals serving time in our federal and state prisons, and millions of people cycling through local jails every year. Ninetyfive percent of all offenders incarcerated today will eventually be released and will return to communities. The Second Chance Act will help ensure that the transition individuals make from prison, jail, or juvenile residential facilities to the community is successful and promotes public safety. The Bureau of Justice Statistics (BJS) reported that in 2004, 53 percent of state inmates were abusing or dependent on drugs in the year before their admission to prison, and 32 percent of state inmates said they had committed their current offense while under the influence of drugs. In 2007, parents held in the state prisons—52 percent of state inmates—reported having an estimated 1.7 million children under the age of 18, an increase of 80 percent from 2001. Since 1991, the number of children with a mother in prison has more than doubled, up 131 percent, and the number of children with a father in prison has grown by 77 percent. Among state prisoners, 59 percent of males and 63 percent of females being held for drug-related offenses were parents. The Second Chance Act Programs are designed to help communities develop and implement comprehensive and collaborative strategies that address the challenges posed by offender reentry and recidivism reduction. "Reentry" is not a specific program, but rather an evidence-based process that starts when an offender is initially incarcerated and ends when the offender has been successfully reintegrated in his or her community as a law-abiding citizen. The reentry process includes the delivery of a variety of evidence-based program services for every program participant in both a pre- and post-release setting designed to ensure that the transition from prison or jail to the community is safe and successful.

National Institute of Justice

Replication Research on Sexual Violence Case Attrition Grant http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=146414

- 1. Deadline April 24, 2012
- 2. Expected number of awards 1
- 3. Eligible applicants unrestricted
- 4. Description NIJ is interested in funding one research grant to replicate the NIJ-funded study, "Police Decision-Making in Sexual Assault Cases: An Analysis of Crimes Reported to the Los Angeles Police Department, 2006–2008," in 6 to 8 other sites. Sites should cover urban, suburban, and rural areas. Proposals should, to the extent possible, replicate the mixed-methods design and analytic approach found in the final technical report and data documentation files of the aforementioned study. Applicants should refer to the following key sources of information regarding the study, "Police Decision-Making in Sexual

Assault Cases: An Analysis of Crimes Reported to the Los Angeles Police Department, 2006–2008" (NIJ grant 2009–WG–BX–0009): Final Technical Report: www.ncjrs.gov/pdffiles1/nij/grants/237582.pdf Data Codebook and Associated Documents: www.nij.gov/funding/2012/spohn-codebook.pdf Authorizing Legislation: Title I of the Omnibus Crime Control and Safe Streets Act of 1968 (sections 201 and 202).