

August 6, 2007

WASHINGTON, D.C. – Welcome to this week’s GOAL (Grant Opportunity Action Listing). A top priority of mine in Congress is to foster economic opportunity in our area as a way to create good jobs in our community.

With this in mind, I remind you to join me in Saratoga on August 14th at the Gideon Putnam in Saratoga Springs. Under this week’s Special Notices you can click to register and/or learn more about this special event.

A critical program that provides much-needed funding for our first-responders is the SAFER program administered by FEMA. SAFER funds assist local fire departments to increase their staffing and deployment capabilities in order to respond to emergencies whenever they may occur. As a result of the enhanced staffing, response times should be sufficiently reduced with an appropriate number of personnel assembled at the incident scene. Also, the enhanced staffing should provide that all front-line/first-due apparatus of SAFER grantees have a minimum of four trained personnel to meet the OSHA. SAFER Grants are one of three programs administered by FEMA specifically targeted to local fire departments.

This week’s update also contains numerous research and technical programs from the Departments of Defense and Energy and the National Science Foundation to help us create more efficient technology.

You might also want to look at the Department of Health and Human Services Health Resources & Services Administration grant for Rural Health Network Development. Thirty awards are going to be made to support the development of rural health networks, whose purpose is to increase access to care by overcoming the fragmentation and vulnerability of providers in rural areas. Grant funds are used to support activities that strengthen capabilities of these networks.

Our colleges and universities should take note of NSF’s Graduate Research Fellowship Program Grants. Approximately 1000 fellowships will be awarded nationally The National Science Foundation which aims to ensure the vitality of the human resource base of science, technology, engineering, and mathematics. The Graduate Research Fellowship provides three years of support for graduate study leading to research-based masters or doctoral degrees and is intended for students who are in the early stages of their graduate study.

Reminder: Please make sure you are registered with: www.grants.gov. The registration process is simple and verification only takes 3-5 business days. If you haven’t already done so, link to: www.grants.gov to begin this process.

Please keep our office informed of your interests. We are ready to help you pursue these opportunities and to support your efforts to obtain this federal funding.

I look forward to seeing many of you in Saratoga on August 14th!

CONGRESSWOMAN KIRSTEN GILLIBRAND GOAL LISTING
August 3, 2007

Special Notices:

Entrepreneurship & Growth in Upstate New York - Economic Summit

Mark your calendars for Tuesday, August 14, for a summit to help upstate New York define a vision, plan for its economic future, and identify leaders that will help drive toward a shared goal. Congresswoman Kirsten Gillibrand, honorary summit chair, invites you to join her as a delegate for the 2007 Entrepreneurship and Growth in Upstate New York. [Click here for more information.](#)

SPECIAL NOTICE:

Application Period Now Open for
FEMA SAFER GRANTS

Deadline: August 31, 2007 (5 p.m. EDT)

The SAFER (Staffing for Adequate Fire and Emergency Response) Grant was created to provide funding directly to fire departments and volunteer firefighter interest organizations in order to help them increase the number of trained, "front-line" firefighters available in their communities.

The goal of SAFER is to enhance the local fire departments' abilities to comply with staffing, response and operational standards established by NFPA and OSHA (NFPA 1710 and/or NFPA 1720 and OSHA 1910.134 - see www.nfpa.org/SAFERActGrant for more details). Specifically, SAFER funds should assist local fire departments to increase their staffing and deployment capabilities in order to respond to emergencies whenever they may occur. As a result of the enhanced staffing, response times should be sufficiently reduced with an appropriate number of personnel assembled at the incident scene. Also, the enhanced staffing should provide that all front-line/first-due apparatus of SAFER grantees have a minimum of four trained personnel to meet the OSHA standards referenced above. Ultimately, a faster, safer and more efficient incident scene will be established and communities will have more adequate protection from fire and fire-related hazards.

View the application tutorial at: <http://www.firegrantsupport.com/safer/tutorial.aspx>

Recent Awards:

Congratulations!

\$1.6 Million Loan Approved for Critical Hudson Falls Water Project

On July 27th, Cong. Gillibrand announced a \$1,600,000 loan from the United States Department of Agriculture for the construction of critical water infrastructure in the Village of Hudson Falls. New York State Director for USDA Rural Development, Patrick H. Brennan said, "The new water line will improve water quality and service for more than 6,000 residents." The existing 8" cast iron water line is more than 50 years old. The project will include 10,725 feet of linear feet of main line, and new hydrants, valves and connections to the properties along the route.

Congresswoman Gillibrand, who recently supported the Interior and Environmental Protection Agency Appropriations bill that funds critical water infrastructure programs said, "This funding is central to the health and well-being of the residents of Hudson Falls." Hudson Falls Mayor David J. Carter agreed, "This water project is essential to the Village because we can put in place larger capacity water lines to better serve the future needs of our community... I would like to thank the USDA and Congresswoman Gillibrand for their commitment to the Village of Hudson Falls." Congratulations!

Sidney Center Fire Department, Fairview Fire Department and Valatie Rescue Squad awarded Assistance to Firefighters Grants

In the last two weeks, we were proud to announce that two area fire departments - Sidney Center and Fairview and the Valatie Rescue Squad have received federal funding from the Department of Homeland Security's Assistance to Firefighters Grants (AFG) program, contributing to the \$485 million total aid distributed nationwide this year. The awards are administered by the Department's Office of Grants and Training in cooperation with the U.S. Fire Administration (USFA) in order to enhance response capacities and preparedness among the country's emergency first responders. To date, a total of \$2.9 billion has been provided in fire grants across the United States since 2001 when the program began. Funding is most commonly used for the purchasing of response equipment, personal protective equipment, and vehicles.

This week, \$20,190 was also awarded to the Valatie Rescue Squad in northern Columbia County by the Department of Homeland Security, Assistance to Firefighters Grant (AFG) Program. The grant, under AFG's Operations and Safety program, will be used to improve services for the residents of Valatie, Kinderhook, Stuyvesant and the surrounding communities.

“These funds will be used for personal protective equipment for our Emergency Medical Service providers,” said Administrator Scott Bowman. “We are very thankful to DHS and Congresswoman Gillibrand for their support.”

Congresswoman Gillibrand said, “Our rural emergency services are so critical to the safety and security of our communities. I'm very thankful for this grant award.”

The Valatie Rescue Squad, now in its 72nd year, is the primary emergency response service for northern Columbia County, and provides additional programs such as CPR and First Aid courses for the community.

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Environmental Protection Agency
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Department of Health and Human Services
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Department of Health and Human Services
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Department of Health and Human Services
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National Science Foundation
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National Science Foundation
Environmental Technology Grant

National Science Foundation
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National Science Foundation
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National Science Foundation
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US Agency for International Development

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Modification 1

FEDERAL GRANT and COOPERATIVE AGREEMENT PROGRAM SUMMARIES

United States Department of Agriculture

United States Department of Agriculture

Food and Nutrition Service

FY 2007 WIC Breastfeeding Cooperative Agreement Grant

Document Type: Grants Notice

Funding Opportunity Number: USDA-FNS-WICBF-07

Opportunity Category: Discretionary

Posted Date: Jul 19, 2007

Creation Date: Jul 19, 2007

Original Closing Date for Applications: Aug 10, 2007

Current Closing Date for Applications: Aug 10, 2007

Archive Date: Sep 09, 2007

Funding Instrument Type: Cooperative Agreement

Category of Funding Activity: Food and Nutrition

Category Explanation:

Expected Number of Awards:

Estimated Total Program Funding: \$150,000

Award Ceiling:

Award Floor:

CFDA Number: 10.578 -- WIC Grants To States (WGS)

Cost Sharing or Matching Requirement: No

Eligible Applicants

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Additional Information on Eligibility:

Only non-profit organizations, currently involved in the provision of breastfeeding education, training, or curriculum development are eligible to apply. FNS will not consider applications from entities that do not fit these eligibility criteria.

Description

The Food and Nutrition Service (FNS) will fund a limited competitive grant award in Fiscal Year 2007, in the amount of \$150,000, to a qualified applicant to develop a breastfeeding training curriculum guide. The purpose of the guide is to increase the knowledge base and skill set for Breastfeeding Coordinators, the Competent Professional Authority (CPA), or other WIC staff who provide community-based breastfeeding leadership, training and education at the local agency level in the WIC Program. Public Law (P.L.) 108-447, the Consolidated Appropriations Act 2005, provides that funds are available for the purposes specified in section 17(h)(10)(B) of the Child Nutrition Act as amended. FNS will provide only one award under this solicitation. This application is available only to a limited number of vendors who meet eligibility criteria. The awardee will be selected on a competitive basis, based on an objective review of all proposals according to the technical evaluation criteria outlined in this Request For Applications.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14879>

Department of Defense

Air Force Office of Scientific Research URI
FY2008 Multidisciplinary University Research Initiative (MURI) - For Submission to AFOSR Modification 3

Document Type: Modification to Previous Grants Notice
Funding Opportunity Number: BAA-07-036
Opportunity Category: Discretionary
Current Closing Date for Applications: Oct 23, 2007
Estimated Total Program Funding: \$207,000,000
Award Ceiling: \$1,500,000
Award Floor: \$0
CFDA Number: 12.800 -- Air Force Defense Research Sciences Program
Cost Sharing or Matching Requirement: No

Eligible Applicants

Public and State controlled institutions of higher education
Private institutions of higher education

Description

The MURI program supports basic science and/or engineering research at U.S. institutions of higher education (hereafter referred to as "universities") that is of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DoD. The FY 2008 MURI competition is for the 19 topics listed. Detailed descriptions of the topics can be found in Section VIII entitled, "Specific MURI Topics", of this BAA. The detailed descriptions are intended to provide the proposer a frame of reference and are not meant to be restrictive to the possible approaches to achieving the goals of the topic and the program. Innovative ideas addressing these research topics are highly encouraged.

Link to Full Announcement

BAA-07-036 FULL ANNOUNCEMENT incorporating Amendment Number 0001

[http://www.afosr.af.mil/pdfs/MURI%2008%20BAA%20with%20Amend%20\(2\).pdf](http://www.afosr.af.mil/pdfs/MURI%2008%20BAA%20with%20Amend%20(2).pdf)

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14530>

Air Force Office of Scientific Research URI

FY2008 Multidisciplinary University Research Initiative (MURI) - For Submission to AFOSR Modification 3

Estimated Total Program Funding: \$207,000,000

Award Ceiling: \$1,500,000

Award Floor: \$0

CFDA Number: 12.800 -- Air Force Defense Research Sciences Program

Cost Sharing or Matching Requirement: No

Eligible Applicants

Public and State controlled institutions of higher education

Private institutions of higher education

Description

The MURI program supports basic science and/or engineering research at U.S. institutions of higher education (hereafter referred to as "universities") that is of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DoD. The FY 2008 MURI competition is for the 19 topics listed. Detailed descriptions of the topics can be found in Section VIII entitled, "Specific MURI Topics", of this BAA. The detailed descriptions are intended to provide the proposer a frame of reference and are not meant to be restrictive to the possible approaches to achieving the goals of the topic and the program. Innovative ideas addressing these research topics are highly encouraged.

Link to Full Announcement

BAA-07-036 FULL ANNOUNCEMENT incorporating Amendment Number 0001 -

[http://www.afosr.af.mil/pdfs/MURI%2008%20BAA%20with%20Amend%20\(2\).pdf](http://www.afosr.af.mil/pdfs/MURI%2008%20BAA%20with%20Amend%20(2).pdf)
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14530>

Defense Advanced Research Projects Agency
DARPA - Tactical Technology Office
System F-6 Program Grant

Document Type: Grants Notice
Funding Opportunity Number: BAA07-31
Current Closing Date for Applications: Jul 15, 2008
Funding Instrument Type: Procurement Contract
Other
Grant
Cooperative Agreement
CFDA Number: 12.910 -- Research and Technology Development
Cost Sharing or Matching Requirement: No

Eligible Applicants
Unrestricted:

Description
Refer to the attached BAA07-31. A copy of the BAA has also been published in the FedBizOpps at the website address stated below.

Link to Full Announcement
BAA07-31 at FedBizOpps <http://www.fbo.gov/spg/ODA/DARPA/CMO/BAA07-31/listing.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14870>

Office of Naval Research (ONR) Broad Agency Announcement (BAA) for Payload Implosion and Platform Damage Prediction and Validation Modification 4

Document Type: Modification to Previous Grants Notice
Funding Opportunity Number: BAA07-025
Opportunity Category: Discretionary
Current Closing Date for Applications: Aug 20, 2007
CFDA Number: 12.300 -- Basic and Applied Scientific Research
Cost Sharing or Matching Requirement: No

Eligible Applicants
Native American tribal organizations (other than Federally recognized tribal

governments)
Public and State controlled institutions of higher education
For profit organizations other than small businesses
Private institutions of higher education
Native American tribal governments (Federally recognized)
Individuals
Small businesses

Description

Office of Naval Research (ONR) Broad Agency Announcement (BAA) for Payload Implosion and Platform Damage Prediction and Validation Implosion is the sudden inward collapse of a pressure resistant structure. For example, a submerged pressure housing with an internal pressure well below the ambient sea pressure may fail due to the external pressure. Following the collapse, a strong pressure wave is radiated into the surrounding fluid. This pressure wave depends sensitively on the exact form of the collapse. The resulting energetic pressure pulse can potentially damage nearby structures. The Navy requires an improved capability to design and qualify submarine external payloads for implosion avoidance and platform survivability. Validated, user-friendly tools are required that enable the designer to predict implosion effects, especially the magnitude of the resulting shock waves: In particular, the Navy needs 1) a parametric payload design tool for conventional payloads, and 2) a physics-based model for complex analyses. This requires both algorithm and software development, and carefully controlled measurements to validate the software. Please see Amendment 0001 and 0002.

Link to Full Announcement

Link to BAA 07-025

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=13822>

Dept of the Army -- Materiel Command
FY 2008 Multidisciplinary University Research Initiative (MURI) –
For Proposal Submission to the Army Modification 2

Current Closing Date for Applications: Oct 23, 2007
Estimated Total Program Funding: \$207,000,000
Award Ceiling: \$1,500,000
Award Floor: \$0
CFDA Number: 12.431 -- Basic Scientific Research
Cost Sharing or Matching Requirement: No

Eligible Applicants

Private institutions of higher education
Public and State controlled institutions of higher education

Description

The MURI program supports basic science and/or engineering research at U.S. institutions of higher education that is of critical importance to national defense. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DoD. The FY 2008 MURI competition is for the 19 topics listed in the BAA. White papers and full proposals addressing the following topics (14) through (19) should be submitted to the Army Research Office (ARO): (14) Human, Social, Cultural, and Behavioral Modeling: Dynamic Models of the Effect of Culture on Collaboration and Negotiations; (15) Brain Network Analysis and Modeling for Communication and Orientation; (16) Reasoning by Abductive Inference; (17) Spin-Mediated Magnetic Behavior in Hybrid Metal-Semiconductor Systems; (18) Modeling, Analysis, and Control of Complex Multi-Scale Data Networks; (19) Spray and Combustion of Gelled Hypergolic Propellants for Future Rocket and Missile Engines. Detailed descriptions of the topics can be found in Section VIII entitled, "Specific MURI Topics", of the BAA. The detailed descriptions are intended to provide the proposer a frame of reference and are not meant to be restrictive to the possible approaches to achieving the goals of the topic and the program. Innovative ideas addressing these research topics are highly encouraged.

Link to Full Announcement

REDCOM AC, RTP Contracting Division Open BAAs -

<http://www.arl.army.mil/www/default.cfm?Action=6&Page=8>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14648>

Department of Education

U.S. Department of Education

Grant Competition to Improve Public Knowledge of and Support for Democracy
Program

CFDA 84.304C Modification 2

Description of Modification

On July 11, 2007, we published in the Federal Register (72 FR 37741-37743), a notice inviting applications for new awards for FY 2007 for the Grant Competition to Improve Public Knowledge of and Support for Democracy. The CFDA Number 84.929C is incorrect on page 37741, first and third columns; page 37742, third column; and page 37743, first column. The CFDA Number is corrected to read "CFDA Number 84.304C". On page 37741, first and second columns, "Applications Available: July 11, 2007." is corrected to read "Applications Available: July 25, 2007." On page 37741, first and second columns "Deadline for Transmittal of Applications: August 10, 2007." is corrected to read "Deadline for Transmittal of Applications: August 24, 2007." On page 37741, first and third columns, "Deadline for Intergovernmental Review: September 10,

2007." is corrected to read "Deadline for Intergovernmental Review: September 24, 2007."

Document Type: Modification to Previous Grants Notice
Funding Opportunity Number: ED-GRANTS-071107-002
Opportunity Category: Discretionary
Current Closing Date for Applications: Aug 24, 2007 Applications Available: July 25, 2007. Deadline for Transmittal of Applications: August 24, 2007.
Expected Number of Awards: 5
Estimated Total Program Funding: \$2,984,750
CFDA Number: 84.304 -- Civic Education - Cooperative Education Exchange Program
Cost Sharing or Matching Requirement: No

Eligible Applicants

Public and State controlled institutions of higher education
City or township governments
Native American tribal governments (Federally recognized)
State governments
Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education
Others (see text field entitled "Additional Information on Eligibility" for clarification)
Small businesses
County governments
Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
Private institutions of higher education
For profit organizations other than small businesses
Public housing authorities/Indian housing authorities
Native American tribal organizations (other than Federally recognized tribal governments)
Special district governments
Independent school districts

Additional Information on Eligibility:

Eligible Applicants: State educational agencies, local educational agencies, institutions of higher education; and other public and private agencies, organizations, and institutions, or a combination of such entities.

Description

•Note: Each funding opportunity description is a synopsis of information in the Federal Register application notice. For specific information about eligibility, please see the official application notice. The official version of this document is the document published in the Federal Register. Free Internet access to the official edition of the Federal Register and the Code of Federal Regulations is available on GPO Access at: <http://www.access.gpo.gov/nara/index.html>. Please review the official application notice for pre-application and application requirements, application submission information,

performance measures, priorities and program contact information. Purpose of Program: To improve the quality of civic education through the implementation of comprehensive programs to improve public knowledge, understanding, and support of the United States Congress and the State legislatures. Catalog of Federal Domestic Assistance (CFDA) Number: 84.929C. If you choose to submit your application electronically, you must use the Government-wide Grants.gov Apply site at <http://www.grants.gov>. Through this site, you will be able to download a copy of the application package, complete it offline, and then upload and submit your application. You may not e-mail an electronic copy of a grant application to us. You may access the electronic grant application for this competition at <http://www.grants.gov>. You must search for the downloadable application package for this competition by the CFDA number. Do not include the CFDA number's alpha suffix in your search (e.g., search for 84.929, not 84.929C). The telephone number for the Grants.gov Helpdesk is 1-800-518-4726. On July 11, 2007, we published in the Federal Register (72 FR 37741-37743), a notice inviting applications for new awards for FY 2007 for the Grant Competition to Improve Public Knowledge of and Support for Democracy. The CFDA Number 84.929C is incorrect on page 37741, first and third columns; page 37742, third column; and page 37743, first column. The CFDA Number is corrected to read "CFDA Number 84.304C". On page 37741, first and second columns, "Applications Available: July 11, 2007." is corrected to read "Applications Available: July 25, 2007." On page 37741, first and second columns "Deadline for Transmittal of Applications: August 10, 2007." is corrected to read "Deadline for Transmittal of Applications: August 24, 2007." On page 37741, first and third columns, "Deadline for Intergovernmental Review: September 10, 2007." is corrected to read "Deadline for Intergovernmental Review: September 24, 2007."

Link to Full Announcement

Correction to the Grant Competition to Improve Public Knowledge of and Support for Democracy Program CFDA 84.304C –

<http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/pdf/E7-14328.pdf>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14766>

U.S. Department of Education

Ready for College: Adult Education Transitions Program CFDA 84.191A Grant

Expected Number of Awards: 2

Estimated Total Program Funding: \$2,000,000

Award Ceiling:

Award Floor:

CFDA Number: 84.191 -- Adult Education National Leadership Activities

Cost Sharing or Matching Requirement: No

Eligible Applicants

Public housing authorities/Indian housing authorities

City or township governments
Special district governments
Public and State controlled institutions of higher education
For profit organizations other than small businesses
Native American tribal organizations (other than Federally recognized tribal governments)
Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education
County governments
State governments
Private institutions of higher education
Native American tribal governments (Federally recognized)
Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
Small businesses
Independent school districts
Others (see text field entitled "Additional Information on Eligibility" for clarification)

Additional Information on Eligibility:

Eligible Applicants: The following entities are eligible for a grant: (a) A State educational agency. (b) A local educational agency. (c) A postsecondary educational institution. (d) Other public or private agencies, organizations, and institutions. (e) A consortium of eligible applicants. Eligible applicants seeking to apply as a consortium must comply with the regulations in 34 CFR 75.127-75.129, which address group applications.

Description

•Note: Each funding opportunity description is a synopsis of information in the Federal Register application notice. For specific information about eligibility, please see the official application notice. The official version of this document is the document published in the Federal Register. Free Internet access to the official edition of the Federal Register and the Code of Federal Regulations is available on GPO Access at: <http://www.access.gpo.gov/nara/index.html>. Please review the official application notice for pre-application and application requirements, application submission information, performance measures, priorities and program contact information. Purpose of the Program: Section 243 of the Adult Education and Family Literacy Act (Act), 20 U.S.C. 9253, authorizes the Secretary to establish and carry out a program of national leadership activities to enhance the quality of adult education and literacy programs nationwide. Under the authority of that section of the Act, the Secretary plans to support State and local efforts to increase the rate at which adults, aged 18 to 24, successfully complete adult secondary education (ASE) and transition to postsecondary education. Catalog of Federal Domestic Assistance (CFDA) Number: 84.191A. If you choose to submit your application electronically, you must use the Government wide Grants.gov Apply site at <http://www.Grants.gov>. Through this site, you will be able to download a copy of the application package, complete it offline, and then upload and submit your application. You may not e-mail an electronic copy of a grant application to us. You may access the electronic grant application for the Ready for College: Adult Education Transitions

Program at <http://www.Grants.gov>. You must search for the downloadable application package for this program by the CFDA number. Do not include the CFDA number's alpha suffix in your search (e.g., search for 84.191, not 84.191A). The telephone number for the Grants.gov Helpdesk is 1-800-518-4726.

Link to Full Announcement

Ready for College: Adult Education Transitions Program CFDA 84.191A ; Notice Inviting Applications for New Awards for Fiscal Year (FY) 2006 - <http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/pdf/E7-14539.pdf>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14981>

Department of Energy

US Department of Energy

Golden Field Office

Manufacturing Research and Development for Hydrogen and Fuel Cell Systems Grant

Current Closing Date for Applications: Oct 10, 2007 In order for the Hydrogen, Fuel Cells and Infrastructure Technologies Program to meet programmatic requirements.

Archive Date: May 03, 2008

Funding Instrument Type: Grant

Other

Cooperative Agreement

Category of Funding Activity: Energy

Category Explanation:

Expected Number of Awards: 15

Estimated Total Program Funding: \$38,000,000

Award Ceiling: \$4,000,000

Award Floor: \$0

CFDA Number: 81.087 -- Renewable Energy Research and Development

Cost Sharing or Matching Requirement: Yes

Eligible Applicants

Unrestricted

Description

This Funding Opportunity Announcement (FOA) concentrates on the major topics that need to be addressed through hydrogen and fuel cell systems manufacturing R D, focusing primarily on technologies that are near commercialization. Longer-term technologies under development by the DOE Hydrogen Program will be addressed in later manufacturing R D efforts. Near-term strategies that could result in high volume production and lower cost of fuel cell technologies and components need to be adopted to

set the stage for a fully developed hydrogen infrastructure. Topic areas include: Topic 1 Alternative Electrode Deposition Processes Topic 2 Gas Diffusion Layer Fabrication Topic 3 Novel MEA Manufacturing Topic 4 Process Modeling for Fuel Cell Stacks Topic 5 Process and Device for Cost Effective Testing of Cell Stacks Topic 6 Manufacturing Technologies for High Pressure Composite Tanks Applications for this Funding Opportunity Announcement must be accessed, completed, and submitted through Grants.gov at <http://www.grants.gov> to be considered for award. Questions regarding the content of the announcement should be submitted through the Submit Question feature of the DOE Industry Interactive Procurement System (IIPS) at <http://e-center.doe.gov>. VERY IMPORTANT: To complete and submit applications through Grants.gov, there are several actions you must complete (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the Central Contract Registry (CCR), install the Pure Edge Viewer, register with the credential provider, and register with Grants.gov). Applicants are highly encouraged to register as soon as possible and should allow at least 21 days to complete the registration process. When done, call the Grants.gov Helpdesk at 1-800-518-4726 to verify successful registration. Registration Instructions are found on the Grants.gov web site at <http://www.grants.gov> and in the Funding Opportunity Announcement. Should you have questions regarding the operation of Grants.gov, please contact the Grants.gov Contact Center at support@grants.gov or 1-800-518-4726. Contact Center hours of operation are Monday - Friday from 7:00am to 9:00pm Eastern Standard Time.

Link to Full Announcement

Click here to view the Opportunity –

<https://e-center.doe.gov/iips/faopor.nsf/UNID/4CC1C3F1822CF93A8525731D004E29DB?OpenDocument>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14876>

US Department of Energy
National Energy Technology Laboratory
Renewable and Distributed Systems Integration Modification 12

Current Closing Date for Applications: Aug 28, 2007

Funding Instrument Type: Cooperative Agreement

Award Ceiling: \$7,000,000

Award Floor: \$0

CFDA Number: 81.122 -- Electricity Delivery and Energy Reliability, Research, Development and Analysis

Cost Sharing or Matching Requirement: Yes

Eligible Applicants

Unrestricted:

Description

NOTE: This descriptive area provides an overview of this Program Area of Interest. YOU MUST READ THE FUNDING OPPORTUNITY MASTER ANNOUNCEMENT FOR DETAILS ON ADDITIONAL INFORMATION, EVALUATION CRITERIA AND HOW TO PREPARE AN APPLICATION UNDER A SPECIFIC AREA OF INTEREST. For Program Area of Interest 2, the FOA seeks applications for the research, development, and demonstration of distribution system configurations with the integration of significant amounts of distributed resources for providing power or load management during peak load periods and for other functions and services. Distributed resources may include distributed generation technologies, renewable energy generation technologies, energy storage technologies, equipment capable of utilizing waste heat, and load curtailed via typical demand response methods. Applications are encouraged to reach the goal of at least a 15 percent reduction of power that would otherwise normally be supplied by the distribution feeder circuits during peak load periods. Optionally, applications may also include research, development, and demonstration for low-cost sensors for distribution level cables, advanced monitoring for distribution automation, and consumer information gateway development. Prospective applicants are encouraged to assemble/coordinate an integrated team including an electric distribution utility or a load serving entity and other team members such as technology product providers, technology developers (universities and research organizations), state agencies, etc.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=13657>

US Department of Energy
Chicago Service Center
Advanced Detector Research Program Grant

Estimated Total Program Funding: \$600,000
CFDA Number: 81.049 -- Office of Science Financial Assistance Program
Cost Sharing or Matching Requirement: No

Eligible Applicants

Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution.

Description

The Office of High Energy Physics of the Office of Science (SC), U.S. Department of Energy, hereby announces its interest in receiving grant applications for support under its Advanced Detector Research Program. Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of the new detector technologies needed to perform future high energy physics experiments.

Link to Full Announcement

Click here to view the Opportunity - <https://e-center.doe.gov/iips/faopor.nsf/UNID/421416DF077899878525731E00505635?OpenDocument>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14902>

Environmental Protection Agency

Environmental Protection Agency

MARKET-BASED APPROACHES TO REDUCING GREENHOUSE GAS EMISSIONS THROUGH ENERGY EFFICIENCY IN HOMES AND BUILDINGS
Grant

Current Closing Date for Applications: Aug 30, 2007 Please refer to the full announcement, including Section IV, for additional information on submission methods and due dates.

Funding Instrument Type: Grant

Cooperative Agreement

Expected Number of Awards: 12

Estimated Total Program Funding: \$5,800,000

Award Ceiling: \$400,000

Award Floor: \$40,000

CFDA Number: 66.034 -- Surveys, Studies, Investigations, Demonstrations and Special Purpose Activities Relating to the Clean Air Act

Cost Sharing or Matching Requirement: No

Eligible Applicants

Public and State controlled institutions of higher education

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Native American tribal governments (Federally recognized)

State governments

County governments

Private institutions of higher education

City or township governments

See Section 3 of the announcement for additional eligibility information.

Description

This notice announces the availability of funds and solicits proposals to advance national,

regional, and local energy efficiency programming by utilizing market-based approaches to program design and delivery.

Link to Full Announcement

MARKET-BASED APPROACHES TO REDUCING GREENHOUSE GAS EMISSIONS THROUGH ENERGY EFFICIENCY IN HOMES AND BUILDINGS - http://www.epa.gov/air/grants_funding.html#0708

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14845>

----- Environmental Protection Agency
Cooperative Agreement for Water Quality Standards (WQS) Forum Modification 1

Document Type: Modification to Previous Grants Notice

Funding Opportunity Number: EPA-OW-OST-07-02

Opportunity Category: Discretionary

Current Closing Date for Applications: Aug 20, 2007 Please refer to the full announcement, including Section IV, for additional information on submission methods and due dates.

Funding Instrument Type: Cooperative Agreement

Expected Number of Awards: 1

Estimated Total Program Funding: \$400,000

Award Ceiling: \$100,000

Award Floor:

CFDA Number: 66.436 -- Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act

Cost Sharing or Matching Requirement: No

Eligible Applicants

Native American tribal governments (Federally recognized)

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Private institutions of higher education

State governments

County governments

City or township governments

Public and State controlled institutions of higher education

Individuals

See Section 3 of the announcement for additional eligibility information.

Description

EPA is soliciting applications from eligible entities to support a new forum in which states, territories, and authorized tribes can routinely communicate and collaborate with

each other and with EPA to enhance the effectiveness of their water quality standards (WQS) programs, as authorized under the Section 104(b)(3) of the Clean Water Act (CWA). An authorized tribe is a tribe that EPA has found eligible to administer water quality standards programs in the same manner as a state (40 CFR 131.8)

Link to Full Announcement

Cooperative Agreement for Water Quality Standards (WQS) Forum -

<http://www.epa.gov/waterscience/funding/wqsforum/index.html>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14709>

Environmental Protection Agency

CLIMATE MODELING WORKSHOPS AND STUDY Grant

Document Type: Grants Notice

Funding Opportunity Number: EPA-OAR-CCD-07-11

Opportunity Category: Discretionary

Current Closing Date for Applications: Sep 07, 2007 Please refer to the full announcement, including Section IV for additional information on submission methods and due dates.

Expected Number of Awards: 3

Estimated Total Program Funding: \$1,000,000

Award Ceiling: \$200,000

Award Floor:

CFDA Number: 66.034 -- Surveys, Studies, Investigations, Demonstrations and Special Purpose Activities Relating to the Clean Air Act

Cost Sharing or Matching Requirement: No

Eligible Applicants

Native American tribal governments (Federally recognized)

Private institutions of higher education

State governments

Others (see text field entitled "Additional Information on Eligibility" for clarification)

City or township governments

Public and State controlled institutions of higher education

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

County governments

See Section 3 of the announcement for additional eligibility information.

Description

This notice announces the availability of funds and solicits proposals that advance the field of the economics of energy use and climate change through modeling workshops, comparisons, and specific studies.

Link to Full Announcement

CLIMATE MODELING WORKSHOPS AND STUDY -

http://www.epa.gov/air/grants_funding.html#0711
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14984>

Department of Health and Human Services

Department of Health and Human Services

Evidence-Based Disease and Disability Prevention Program: National Resource Center
Modification 1

Document Type: Modification to Previous Grants Notice

Funding Opportunity Number: HHS-2007-AOA-BP-0719

Opportunity Category: Discretionary

Current Closing Date for Applications: Aug 17, 2007 See link to full announcement for
details.

Funding Instrument Type: Cooperative Agreement

Expected Number of Awards: 1

Estimated Total Program Funding: \$850,000

Award Ceiling: \$850,000

Award Floor: \$850,000

CFDA Number: 93.048 -- Special Programs for the Aging Title IV and Title II
Discretionary Projects

Cost Sharing or Matching Requirement: Yes

Eligible Applicants

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher
education

Public and State controlled institutions of higher education

State governments

Private institutions of higher education

Native American tribal governments (Federally recognized)

Local Governments Faith-based and community organizations are eligible to apply.

Domestic public or private non-profit entities including state, local and Indian tribal
governments, faith-based organizations, community-based organizations, hospitals, and
institutions of higher education.

Description

Plans to fund one cooperative agreement through this competition for the Evidence-
Based Disease and Disability Prevention Program: National Resource Center (CENTER).
The CENTER must be an organization with demonstrated expertise in implementing
evidence-based disease and disability prevention programs for the elderly and in working
with state aging agencies, state health agencies, community-level aging services
providers, and community health provider organizations. This project will be funded at a
federal share of approximately \$850,000 for the first year, up to \$1,000,000 in the second
year, and up to \$1,300,000 in the third year for a total project period of up to three years.

The applicant must cover at least 25% of the projects total costs with non-federal resources. This grant will be issued as a cooperative agreement because AoA anticipates having substantial involvement with the recipient during the performance of the funded activities. The involvement may include collaboration, participation, or intervention in the funded activities. The types of activities funded under the cooperative agreement include technical assistance to AoA demonstration grantees in the development of evidence-based disability and disease prevention programs and practices; assistance to additional parts of the aging services network in the development of similar programs; development of a comprehensive knowledge base focused on intervention models for the elderly that prevent the progression of disability; identification and/or construction of manuals and resources to help implement related programs; assistance to AoA in developing, hosting, and co-sponsoring national and/or regional training meetings or symposia on Evidence-Based Disability and Disease Prevention for the Elderly; and other related tasks. Applications will be evaluated in part on the degree of readiness of the applicant national organization to immediately support all aspects of existing and currently operating AoA Evidence-Based Disease and Disability Prevention (EBDP) Program grantees (approximately 24 grantees at the time that this cooperative agreement will go into effect) in the implementation of their grants, while assisting AoA in expanding the scope and quality of this program. The specific requirements for this opportunity are outlined in Section I.3. Background Information on the AoA EBDP Program is available at: <http://aoa.gov/prof/evidence/evidence.asp>

Link to Full Announcement

Evidence Based-National Resource Center Program Announcement –

<http://aoa.gov/doingbus/fundopp/announcements/2007/Final> Draft 2EBDPProgram
Announcement17JUL07 K.doc

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14849>

Department of Health and Human Services
National Institutes of Health
New Interventions for Menopausal Symptoms (U01) Grant

Document Type: Grants Notice

Funding Opportunity Number: RFA-AG-08-004

Opportunity Category: Discretionary

Current Closing Date for Applications: Nov 24, 2007

Funding Instrument Type: Cooperative Agreement

Estimated Total Program Funding: \$4,350,000

CFDA Number: 93.213 -- Research and Training in Complementary and Alternative
Medicine

CFDA Number: 93.865 -- Child Health and Human Development Extramural Research

CFDA Number: 93.866 -- Aging Research

Cost Sharing or Matching Requirement: No

Eligible Applicants

Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

Independent school districts

Public housing authorities/Indian housing authorities

Private institutions of higher education

Native American tribal organizations (other than Federally recognized tribal governments)

Native American tribal governments (Federally recognized)

Public and State controlled institutions of higher education

State governments

Others (see text field entitled "Additional Information on Eligibility" for clarification)

City or township governments

County governments

For profit organizations other than small businesses

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Small businesses

Special district governments

Description

Women going through the menopause transition may experience a variety of symptoms, ranging from vasomotor symptoms (hot flashes and night sweats) to sleep disturbance, mood disorders, loss of sexual desire, and vaginal dryness. As many as two-thirds of all women report vasomotor symptoms, and over 85% report at least one menopausal symptom as they transition through menopause. For the 25% of women whose symptoms are severe, the resulting discomfort greatly diminishes their quality of life. For many decades, menopausal hormone therapy (MHT) using estrogen (or, in a woman with a uterus, a combination of estrogen and a progestin) has been the therapy of choice for relieving menopause-related symptoms. But recently, several large clinical trials, and in particular, the Women's Health Initiative, have found an increased risk of serious health problems, such as blood clots, stroke, heart disease, breast cancer and cognitive impairment, in women using estrogen-progestin regimens. Not surprisingly, women are reluctant to use MHT for menopausal symptoms and in search of alternative strategies to improve their quality of life.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-08-004.html>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14853>

Department of Health and Human Services

National Institutes of Health

A Data Analysis Center for the Encyclopedia of DNA Elements (ENCODE) Project
(U01) Grant

Document Type: Grants Notice
Funding Opportunity Number: RFA-HG-07-010
Opportunity Category: Discretionary
Current Closing Date for Applications: Sep 07, 2007
Funding Instrument Type: Cooperative Agreement
Expected Number of Awards: 1
Estimated Total Program Funding: \$1,000,000
CFDA Number: 93.172 -- Human Genome Research
Cost Sharing or Matching Requirement: No

Eligible Applicants

Others (see text field entitled "Additional Information on Eligibility" for clarification)
Special district governments
Small businesses
For profit organizations other than small businesses
State governments
County governments
Native American tribal organizations (other than Federally recognized tribal governments)
Public housing authorities/Indian housing authorities
City or township governments
Private institutions of higher education
Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
Public and State controlled institutions of higher education
Native American tribal governments (Federally recognized)
Independent school districts
Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

Description

This RFA solicits applications to develop and implement a Data Analysis Center (DAC) as a part of the ENCODE Project. The goal of the ENCODE Project is to apply high-throughput, cost-efficient approaches to generate a catalog of sequence-based functional elements in the human genome. The DAC will be funded primarily to coordinate and to assist in the analysis of data produced by the ENCODE Consortium. -This RFA will use the NIH U01 Cooperative Agreement grant mechanism. -A total of \$1.0 million dollars in FY 2008 funds has been committed to fund applications received in response to this RFA.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-07-010.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14855>

Department of Health and Human Services
Office of Public Health and Science
2007 Disease Prevention and Health Promotion Scholarship Program Modification 1

Document Type: Modification to Previous Grants Notice
Funding Opportunity Number: HP-ATP-07-001
Opportunity Category: Discretionary
Current Closing Date for Applications: Aug 13, 2007 To receive consideration, applications must be received no later than 5 p.m. Eastern Time on August 13, 2007.
Funding Instrument Type: Cooperative Agreement
Expected Number of Awards: 1
Estimated Total Program Funding: \$600,000
Award Ceiling: \$600,000
Award Floor: \$0
CFDA Number: 93.990 -- National Health Promotion
Cost Sharing or Matching Requirement: No

Eligible Applicants

To qualify for funding, an applicant must be a professional non-profit organization, association, or institution of higher learning whose mission is to educate one or more of the following groups: medical and public health students, preventive medicine and primary care residents, public health professionals, and practicing clinicians from communities across the country. Eligible applicants also are encouraged to apply as partners and submit one joint application. Faith-based groups that meet the definition of professional non-profit organization or institutions of higher learning as described above are also eligible to apply.

Description

Under authority of Section 301, Title III of the U.S. Public Health Service Act: General Powers and Duties of the Public Health Service, 42 U.S.C. Section 301, ODPHP/OPHS, of the U.S. Department of Health and Human Services (HHS), announces a total of \$600,000 for fiscal year (FY) 2007 is available for a competitive cooperative agreement project entitled Disease Prevention and Health Promotion Scholarship Program. This project supports several focus areas of Healthy People 2010 specifically, Access to Quality Health Services; Educational and Community-Based Programs; Health Communication; and Public Health Infrastructure.

Link to Full Announcement

2007 Disease Prevention and Health Promotion Scholarship Program

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?cancelMapping=cancelToAnnouncements&id=8445>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14874>

Department of Health and Human Services
National Institutes of Health
Health Research with Diverse Populations (R01) Grant

Document Type: Grants Notice

Funding Opportunity Number: PA-07-409

Opportunity Category: Discretionary

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details.

CFDA Number: 93.242 -- Mental Health Research Grants

CFDA Number: 93.273 -- Alcohol Research Programs

CFDA Number: 93.279 -- Drug Abuse and Addiction Research Programs

CFDA Number: 93.865 -- Child Health and Human Development Extramural Research

Cost Sharing or Matching Requirement: No

Eligible Applicants

Small businesses

For profit organizations other than small businesses

Native American tribal governments (Federally recognized)

Private institutions of higher education

Others (see text field entitled "Additional Information on Eligibility" for clarification)

State 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

County governments

Native American tribal organizations (other than Federally recognized tribal governments)

Special district governments

City or township governments

Public housing authorities/Indian housing authorities

Independent school districts

Public and State controlled institutions of higher education

Faith-based or community-based organizations can apply.

Description

Purpose. The purpose of this Funding Opportunity Announcement (FOA) is to invite grant applications for biological, behavioral, social, addictive, and mental health research related to the health of lesbian, gay, bisexual, transgender, intersex, and other diverse populations. Proposed research should be appropriate for the missions of one or more of the participating Institutes. -Mechanism of Support. This FOA will utilize the NIH Research Project Grant (R01) award mechanism. Research applications that better fit under other award mechanisms, including the NIH Small Research Grant (R03) (see

<http://grants.nih.gov/grants/guide/pa-files/PA-06-180.html>), the NIH Academic Research Enhancement Award (R15) (see <http://grants.nih.gov/grants/guide/pa-files/PA-06-042.html>), and the NIH Exploratory/Developmental Research Grant (R21) (see <http://grants.nih.gov/grants/guide/pa-files/PA-06-181.html>) are encouraged to be submitted under those other mechanisms. -Funds Available and Anticipated Number of Awards. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-409.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-07-409.html>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14877>

Department of Health and Human Services
Health Resources & Services Administration Rural Health Network Development
Program Modification 1

Current Closing Date for Applications: Oct 15, 2007

Expected Number of Awards: 30

Estimated Total Program Funding: \$5,400,000

CFDA Number: 93.912 -- Rural Health Care Services Outreach and Rural Health
Network Development Program

Cost Sharing or Matching Requirement: No

Eligible Applicants

Public and non-profit private entities, including faith-based and community organizations. Applicants in rural counties or eligible rural census tracts within an urban county. Applicant providing services exclusively to migrant and seasonal farm workers in rural areas and is supported under Section 330G of the Public Health Service Act. Federally recognized Native American Tribe or Tribal Organization that will deliver services on a reservation or federally recognized Tribal lands.

Description

To support the development of rural health networks, whose purpose is to increase access to care by overcoming the fragmentation and vulnerability of providers in rural areas. Grant funds are used to support activities that strengthen capabilities of these networks.

Link to Full Announcement

<https://grants.hrsa.gov/webExternal/SFO.asp?ID=3E8351C1-5E73-4067-B8B6-4748201A0A45> -

[https://grants.hrsa.gov/webExternal/FundingOppDetails.asp?FundingCycleId=3E8351C1-5E73-4067-B8B6-](https://grants.hrsa.gov/webExternal/FundingOppDetails.asp?FundingCycleId=3E8351C1-5E73-4067-B8B6-4748201A0A45)

[4748201A0A45&ViewMode=EU&GoBack=&PrintMode=&OnlineAvailabilityFlag=&pageNumber=&version=&NC=&Popup=](https://grants.hrsa.gov/webExternal/FundingOppDetails.asp?FundingCycleId=3E8351C1-5E73-4067-B8B6-4748201A0A45&ViewMode=EU&GoBack=&PrintMode=&OnlineAvailabilityFlag=&pageNumber=&version=&NC=&Popup=)

Department of Health and Human Services
Office of Public Health and Science
2007 Disease Prevention and Health Promotion Scholarship Program Modification 1

Current Closing Date for Applications: Aug 13, 2007 To receive consideration, applications must be received no later than 5 p.m. Eastern Time on August 13, 2007.

Funding Instrument Type: Cooperative Agreement

Expected Number of Awards: 1

Estimated Total Program Funding: \$600,000

Award Ceiling: \$600,000

Award Floor: \$0

CFDA Number: 93.990 -- National Health Promotion

Cost Sharing or Matching Requirement: No

Eligible Applicants

To qualify for funding, an applicant must be a professional non-profit organization, association, or institution of higher learning whose mission is to educate one or more of the following groups: medical and public health students, preventive medicine and primary care residents, public health professionals, and practicing clinicians from communities across the country. Eligible applicants also are encouraged to apply as partners and submit one joint application. Faith-based groups that meet the definition of professional non-profit organization or institutions of higher learning as described above are also eligible to apply.

Description

Under authority of Section 301, Title III of the U.S. Public Health Service Act: General Powers and Duties of the Public Health Service, 42 U.S.C. Section 301, ODPHP/OPHS, of the U.S. Department of Health and Human Services (HHS), announces a total of \$600,000 for fiscal year (FY) 2007 is available for a competitive cooperative agreement project entitled Disease Prevention and Health Promotion Scholarship Program. This project supports several focus areas of Healthy People 2010 specifically, Access to Quality Health Services Educational and Community-Based Programs; Health Communication; and Public Health Infrastructure.

Link to Full Announcement

2007 Disease Prevention and Health Promotion Scholarship Program -

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?cancelMapping=cancelToAnnouncements&id=8445>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14874>

Department of Health and Human Services
National Institutes of Health
Lymphatic Biology in Health and Disease (R01) Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details.

CFDA Number: 93.361 -- Nursing Research

CFDA Number: 93.837 -- Heart and Vascular Diseases Research

CFDA Number: 93.848 -- Digestive Diseases and Nutrition Research

CFDA Number: 93.865 -- Child Health and Human Development Extramural Research

Cost Sharing or Matching Requirement: No

Eligible Applicants

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Private institutions of higher education

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Public housing authorities/Indian housing authorities

Public and State controlled institutions of higher education

Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

City or township governments

Small businesses

Special district governments

Independent school districts

County governments

Native American tribal organizations (other than Federally recognized tribal governments)

Native American tribal governments (Federally recognized)

For profit organizations other than small businesses

State governments

Faith-based or community-based organizations can apply.

Description

This Funding Opportunity Announcement (FOA) issued by the National Heart, Lung, and Blood Institute (NHLBI) solicits Research Project Grant (R01) applications from qualified researchers to investigate the biology of the lymphatic system and potential new therapeutic implications. The purpose of this program announcement is to stimulate research on the biology of the lymphatic system at all biologic levels: molecular, cellular, tissue, organ, and whole body levels. Further, it includes research on innovations for identifying and intervening in lymphatic diseases across all age groups and disease states. Mechanism of Support: This FOA will utilize the NIH Research Project Grant (R01) award mechanism. Funds Available and Anticipated Number of Awards. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size

and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the numbers, quality, duration, and costs of the applications received. Eligible Institutions/Organizations: Public/State Controlled Institution of Higher Education; Private Institution of Higher Education; Nonprofit with 501(c)(3) IRS Status (Other than Institution of Higher Education); Nonprofit without 501(c)(3) IRS Status (Other than Institution of Higher Education); Small Business; For-Profit Organization (Other than Small Business); State Government; U.S. Territory or Possession; Indian/Native American Tribal Government (Federally Recognized); Indian/Native American Tribal Government (Other than Federally Recognized); Indian/Native American Tribally Designated Organization; Non-domestic (non-U.S.) Entity (Foreign Organization); Hispanic-serving Institution; Historically Black Colleges and Universities (HBCUs); Tribally Controlled Colleges and Universities (TCCUs); Alaska Native and Native Hawaiian Serving Institutions; Regional Organization; Other(s); Eligible agencies of the Federal government; Faith-based or community based organizations. Eligible Project Directors/Principal Investigators: (PDs/PIs). Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. Number of Applications: Applicants may submit more than one application, provided each application is scientifically distinct. Renewals and Resubmissions: Applicants may submit a resubmission application, but such application must include an Introduction addressing the previous peer review critique (Summary Statement). Number of PDs/PIs: More than one PD/PI, or multiple PDs/PIs, may be designated on the application.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PAR-07-420.html> -
<http://grants.nih.gov/grants/guide/pa-files/PAR-07-420.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14979>

Department of Health and Human Services
National Institutes of Health
Health Promotion Among Racial and Ethnic Minority Males (R21) Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details.

Award Ceiling: \$200,000

Award Floor:

CFDA Number: 93.361 -- Nursing Research

CFDA Number: 93.393 -- Cancer Cause and Prevention Research

CFDA Number: 93.837 -- Heart and Vascular Diseases Research

Cost Sharing or Matching Requirement: No

Eligible Applicants

Independent school districts

Public housing authorities/Indian housing authorities
Special district governments
Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education
Public and State controlled institutions of higher education
State governments
Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
Native American tribal organizations (other than Federally recognized tribal governments)
City or township governments
Small businesses
Private institutions of higher education
Others (see text field entitled "Additional Information on Eligibility" for clarification)
Native American tribal governments (Federally recognized)
For profit organizations other than small businesses
County governments
Faith-based or community-based organizations can apply.

Description

Purpose. This Funding Opportunity Announcement (FOA) solicits Exploratory/Developmental (R21) grant applications from applicants that propose to stimulate and expand research in the health of minority men. Specifically, this initiative is intended to: 1) enhance our understanding of the numerous factors (e.g., socio-demographic, community, societal, personal) influencing the health promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and 2) solicit applications focusing on the development and testing of culturally and linguistically appropriate health-promoting interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations age 21 and older. -Mechanism of Support. This FOA will use the Exploratory/Developmental (R21) grant mechanism and runs in parallel with a FOA confidential scientific scope, PA-07-422 that solicits applications under the R01 mechanism. -Funds Available and Anticipated Number of Awards. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism numbers, quality, duration, and costs of the applications received.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-421.html> -
<http://grants.nih.gov/grants/guide/pa-files/PA-07-421.html>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14985>

Department of Health and Human Services
National Institutes of Health
Health Promotion Among Racial and Ethnic Minority Males (R01) Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details

CFDA Number: 93.361 -- Nursing Research

CFDA Number: 93.393 -- Cancer Cause and Prevention Research

CFDA Number: 93.837 -- Heart and Vascular Diseases Research

CFDA Number: 93.847 -- Diabetes, Endocrinology and Metabolism Research

Cost Sharing or Matching Requirement: No

Eligible Applicants

Public housing authorities/Indian housing authorities

City or township governments

Small businesses

Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

For profit organizations other than small businesses

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Special district governments

County governments

Private institutions of higher education

Native American tribal organizations (other than Federally recognized tribal governments)

Public and State controlled institutions of higher education

State governments

Native American tribal governments (Federally recognized)

Independent school districts

Faith-based or community-based organizations can apply.

Description

Purpose. This Funding Opportunity Announcement (FOA) solicits Research Project (R01) grant applications from applicants that propose to stimulate and expand research in the health of minority men. Specifically, this initiative is intended to: 1) enhance our understanding of the numerous factors (e.g., socio-demographic, community, societal, personal) influencing the health promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and 2) solicit applications focusing on the development and testing of culturally and linguistically appropriate health-promoting interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations age 21 and older. -Mechanism of Support. This FOA will use the Research Project (R01) grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-07-421 that solicits applications under the R21 mechanism.

-Funds Available and Anticipated Number of Awards. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-422.html> -
<http://grants.nih.gov/grants/guide/pa-files/PA-07-422.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14986>

Department of Health and Human Services
National Institutes of Health
Computational Tools for Research in Neuroscience, Behavioral Science and Mental Health: STTR [R41/R42] Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details

CFDA Number: 93.242 -- Mental Health Research Grants

Cost Sharing or Matching Requirement: No

Eligible Applicants

Small businesses

Description

Purpose: This Funding Opportunity Announcement (FOA) solicits Small Business Technology Transfer (STTR) grant applications from small business concerns (SBCs) that propose to develop and validate novel, commercial, computational tools and resources that will aid neuroscientists, behavioral scientists, mental health researchers, or mental health providers in their research or practice. In addition, this FOA solicits from small businesses grant applications that propose to develop and validate digital approaches that use interactive learning methods to disseminate educational information relevant to mental health, including the areas of behavioral health interventions or assessment tools. -Mechanism of Support. This FOA will utilize the STTR (R41/R42) grant mechanisms for Phase I, Phase II, and Fast-Track applications and runs in parallel with a FOA of identical scientific scope, PA-07-424, that solicits applications under the Small Business Innovation Research (SBIR) (R43/R44) grant mechanisms. -Funds Available and Anticipated Number of Awards. Budgets up to \$250,000 total costs per year and time periods up to 2 years for Phase I may be requested. Budgets up to \$450,000 total costs per year and up to 3 years may be requested for Phase II. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-423.html> -

<http://grants.nih.gov/grants/guide/pa-files/PA-07-423.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14987>

Department of Health and Human Services
National Institutes of Health
Computational Tools for Research in Neuroscience, Behavioral Science and Mental
Health: SBIR [R43/R44] Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full
Announcement for details.
CFDA Number: 93.242 -- Mental Health Research Grants
Cost Sharing or Matching Requirement: No

Eligible Applicants
Small businesses

Description

Purpose: This Funding Opportunity Announcement (FOA) solicits Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose to develop and validate novel, commercializable, computational tools and resources that will aid neuroscientists, behavioral scientists, mental health researchers, or mental health providers in their research or practice. In addition, this FOA solicits from small businesses grant applications that propose to develop and validate digital approaches that use interactive learning methods to disseminate educational information relevant to mental health, including the areas of behavioral health interventions or assessment tools. -Mechanism of Support. This FOA will utilize the SBIR (R43/R44) grant mechanisms for Phase I, Phase II, and Fast-Track applications and runs in parallel with a FOA of identical scientific scope, PA-07-423, that solicits applications under the Small Business Technology Transfer (STTR) (R41/R42) grant mechanisms. -Funds Available and Anticipated Number of Awards. Budgets up to \$250,000 total costs per year and time periods up to 2 years for Phase I may be requested. Budgets up to \$450,000 total costs per year and up to 3 years may be requested for Phase II. Budgets up to \$800,000 total costs per year and up to 3 years may be requested for Phase II Competing Renewals. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-424.html> -
<http://grants.nih.gov/grants/guide/pa-files/PA-07-424.html>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14988>

Department of Health and Human Services
National Institutes of Health
Developmental Mechanisms of Human Structural Birth Defects (P01) Grant

Current Closing Date for Applications: Multiple Receipt Dates - See Link to Full Announcement for details.

CFDA Number: 93.865 -- Child Health and Human Development Extramural Research
Cost Sharing or Matching Requirement: No

Eligible Applicants

Private institutions of higher education

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education

Small businesses

For profit organizations other than small businesses

Public and State controlled institutions of higher education

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

State governments

Description

The purpose of this Program Announcement is to support innovative, multidisciplinary, interactive, and synergistic program projects that integrate basic, translational, and clinical approaches to understanding the developmental biology and genetic basis of congenital human malformations. Each Program Project application must consist of at least three component projects. At least one project must be clinical or translational in nature. The component projects must share a common central theme, focus, or objective on a specific developmental defect or malformation that is genotypically, mechanistically, biologically, or phenotypically analogous or homologous in both animal models and humans. Any non-mammalian or mammalian animal model may be used, as long as it contributes to the common overall theme or objective of the program project. - Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the quality, duration, and costs of the applications received. -This Program Announcement encourages Program Project (P01) grant applications.

Link to Full Announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-07-419.html> -

<http://grants.nih.gov/grants/guide/pa-files/PA-07-419.html>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14983>

Department of Health and Human Services
Centers for Disease Control and Prevention
Updated information on programs as of August 2, 2007

Link to All Announcements

<http://www.cdc.gov/od/pgo/funding/FOAs.htm>

Department of Homeland Security

SAFER Grants– Staffing for Adequate Fire and Emergency Response

The Fiscal Year 2007 Staffing for Adequate Fire and Emergency Response (SAFER) grants remain largely unchanged from last year's program; however, guidance has been clarified with respect to the use of grant funds in the Recruitment and Retention of Volunteer Firefighters Activity. Specifically, cash payments given directly to members for participation in activities other than those directly linked to operational services are not eligible. Stipends, such as pay-on call, and payments of lost wages resulting from attending training and/or participating in operational services, are eligible, if included as part of the grantee's fringe benefit package and supported by formal personnel policies and/or standard operating procedures.

Contributions to individual member retirement accounts are eligible if the activity is highly rated during the application review process and is included as part of the grantee's fringe benefit package and supported by formal personnel policies and/or standard operating procedures. However, incentives for retention (such as contributions into a retirement account) cannot be retroactive.

Ineligible uses of funds include cash payments for years of service or membership and payment for travel for pleasure. Costs associated with award banquets (such as food, facilities, or entertainment) are not eligible; however costs for non-cash awards are eligible.

The limited funding available for SAFER activities precludes the award of funds for operational activities, such as the equipment and training of newly hired or recruited firefighters. Therefore, personal protective clothing, firefighting equipment, and costs for providing training to the firefighter minimum-staffing level, as offered in the Assistance to Firefighters (AFG) grant program, are not eligible. Physicals may be eligible if the applicant can adequately demonstrate that the provision of the physicals would enhance the applicant's ability to recruit and/or retain volunteer firefighters.

Operational activities will not be funded by SAFER, in an effort to support successful SAFER awardees. However, applicants receiving SAFER funding will receive priority consideration in applying for funding under subsequent cycles of the Assistance to Firefighters Grant (AFG) program. In this case, applicants will be reviewed by the AFG peer evaluation, provided that the AFG funds would be used to support SAFER-funded activities.

In the FY 2007 program year, applicants seeking funding for Recruitment and Retention activities will be able to apply for: regional initiatives and activities specifically targeted

for their internal needs. Applicants seeking funding for both regional and internal needs must combine their request on one application and clearly identify the activities as regional or internal.

Range and Average of Financial Assistance

\$10,000 to \$2,000,000 (average award is anticipated at \$500,000; grant-funds capped at a maximum of \$100,000 per position).

Link to Full Announcement:

<http://www.firegrantsupport.com/docs/2007SAFERguidance.pdf>

Institute of Museum and Library Services

Institute of Museum and Library Services

Connecting to Collections - The National Tour Grant

Current Closing Date for Applications: Aug 17, 2007

Expected Number of Awards: 1

Estimated Total Program Funding: \$1,000,000

Award Ceiling: \$1,000,000

Award Floor: \$1,000

CFDA Number: 45.312 -- National Leadership Grants

Cost Sharing or Matching Requirement: No

Eligible Applicants

State governments

City or township governments

Public and State controlled institutions of higher education

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

County governments

Private institutions of higher education

Native American tribal governments (Federally recognized)

Description

The IMLS invites proposals for a cooperative agreement to support Connecting to Collections: The National Tour, four forums to be held in major American cities during 2008 and 2009. As a complement to the National Conservation Summit, which took place on June 27-28, 2007, in Washington, DC, the forums will strive to reach a broad national audience, with the goal of reinforcing the importance of collections care and providing the tools to begin addressing the challenges outlined in the Heritage Health Index.

Therefore, each will build on what has been learned from the national summit and focus discussion on the issues of finding the needed collections care expertise; technology and collections care; connecting to the public; and fund raising. In addition, each will explore a particular issue in conservation/preservation facing museums and libraries today (see below). It is also anticipated that the forums will be used as occasions to promote public awareness of issues surrounding the care of both institutional and personal collections. As was true for the National Conservation Summit, the primary audience will be representatives of small and mid-sized museums and libraries, all of whom will receive the IMLS Connecting to Collections Bookshelf, a collection of core resources in conservation/preservation, at a later date. Each forum will also include leaders in the field representing such institutions as foundations; regional and national organizations focused on conservation/preservation; libraries and museums (including members of boards of trustees); and local, state, or federal government. Attendance is expected to be at least 150 at each forum, and the IMLS anticipates awarding 30 travel stipends to representatives from small and mid-sized libraries and museums for each forum. In addition, the forums will reach a national audience through the use of webcasts and/or other technological means. The overall goal of Connecting to Collections is to reach 10,000 people via webcasts, DVD's, or other communications technologies.

Link to Full Announcement

<http://www.ims.gov/pdf/RFPNationalTour.pdf> -

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14810>

National Endowment for the Art

National Endowment for the Arts

NEA Arts on Radio and Television, FY2008 Modification 1

Current Closing Date for Applications: Sep 07, 2007 Deadline Date Applicants are required to submit their applications electronically through Grants.gov, the federal government's online application system. The Grants.gov system must receive your application no later than 11:59 p.m., Eastern Time, on September 7, 2007. The Arts Endowment will not accept late applications.

Award Ceiling: \$200,000

Award Floor: \$10,000

CFDA Number: 45.024 -- Promotion of the Arts Grants to Organizations and Individuals

Cost Sharing or Matching Requirement: Yes

Eligible Applicants

Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education

County governments

Public and State controlled institutions of higher education
Private institutions of higher education
City or township governments
Special district governments
State governments
Native American tribal governments (Federally recognized)
Independent school districts

Additional Information on Eligibility:

Applicant Eligibility Nonprofit, tax-exempt 501(c)(3), U.S. organizations; units of state or local government; or federally recognized tribal communities or tribes may apply. To be eligible, the applicant organization must: Meet the Arts Endowment's "Legal Requirements," including nonprofit, tax-exempt status, at the time of application. All organizations must apply directly on their own behalf. Applications through a fiscal agent are not allowed. Have submitted acceptable Final Report packages by the due date(s) for all Arts Endowment awards(s) previously received.

Description

Grant Program Description: Through this category the National Endowment for the Arts seeks to make the excellence and diversity of the arts widely available to the American public through nationally distributed television and radio programs. Grants are available to support the development, production, and national distribution of radio and television programs on the arts. Priority will be given to artistically excellent programs that have the potential to reach a significant national audience, regardless of the size or geographic location of the applicant organization. Only programs of artistic excellence and merit, in both the media production and the subject, will be funded. Projects may include high profile multi-part television and radio series, single documentaries, performance programs, or arts segments for use within an existing series. Programs may deal with any art form (e.g., visual arts, music, dance, literature, design, theater, musical theater, opera, film/video/audio art, folk & traditional arts). Programs targeted to children and youth are welcome. All phases of a project -- research and development, production, completion and distribution costs -- are eligible for support. We welcome proposals that include ancillary activities that are intended to increase public knowledge, understanding, and access to the arts. Such activities might include the use of related radio and television programming; interactive Web sites; DVDs or other digital applications; educational material; collaborations with arts organizations, educators, and community groups; video/audio distribution to schools, libraries, and homes; and other public outreach activities. We Do Not Fund Under these guidelines, funding is not available for: Direct grants to individuals. Programs that are intended primarily for local distribution. Films/tapes that are produced primarily for non-broadcast distribution (e.g., an instructional video, a film to accompany an exhibition, a theatrical exhibition). Documentation or simple recording of performances or events primarily for archival purposes. Expenditures that are related to compensation to foreign nationals and artists traveling to or from foreign countries when those expenditures are not in compliance with regulations issued by the U.S. Treasury Department Office of Foreign Asset Control. For further information, see <http://www.treas.gov/offices/eotffc/ofac/index.html> or contact

the Arts Endowment's Grants & Contracts Office at grants@arts.endow.gov. Organizations seeking funding for media projects that are not eligible under these guidelines may want to review the Arts Endowment's Grants for Arts Projects guidelines.

Link to Full Announcement

NEA ARTV Web Site - <http://www.arts.gov/grants/recent/06grants/artv06.php>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14546>

National Aeronautics and Space Administration - NASA

National Aeronautics and Space Administration NASA Headquarters ROSES 2007:
Planetary Instrument Definition and Development Modification 1

Document Type: Modification to Previous Grants Notice

Funding Opportunity Number: NNH07ZDA001N-PIDD

Opportunity Category: Discretionary

Current Closing Date for Applications: Sep 12, 2007

Funding Instrument Type: Grant

Cooperative Agreement

CFDA Number: 00.000 -- Not Elsewhere Classified

Cost Sharing or Matching Requirement: No

Eligible Applicants

Unrestricted

Description

NNH07ZDA001N, entitled "Research Opportunities in Space and Earth Sciences - 2007 (ROSES-2007)," will be available on or about February 16, 2007, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listings "Solicitations" to "Open Solicitations." This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. Proposal due dates are scheduled starting on May 1, 2007, and continue through April 11, 2008. Electronically submitted Notices of Intent to propose are requested for all program elements, with the first such due date being March 15, 2007. Electronic submission of proposals is required by the respective due dates for each program element, and must be submitted by an authorized official of the proposing organization. Participation is open to all categories of organizations, foreign and domestic, including educational institutions, industry, nonprofit organizations, NASA centers, the Jet Propulsion Laboratory, and other Government agencies' Electronic proposals may be submitted via the NASA proposal data system NSPIRES or via Grants.gov. Every organization that intends to submit a proposal in response to this NRA must be registered with NSPIRES, and organizations that intend to submit proposals via

Grants.gov must be registered with Grants.gov. Such registration must identify the authorized organizational representative(s) who will submit the electronic proposal. All principal investigators and other participants (e.g. co-investigators) must be registered in NSPIRES. Potential proposers and proposing organizations are urged to access the system(s) well in advance of the proposal due date(s) of interest to familiarize themselves with its structure and enter the requested information. Further information about specific program elements may be obtained from the individual Program Officers listed in the Summary of Key Information for each program element in this NRA, while questions concerning general NRA policies and procedures may be directed to Dr. Paul Hertz, Science Policy, Process, and Ethics Chief, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; E-mail: paul.hertz@nasa.gov; Telephone: 202-358-0986. This is a broad agency announcement as specified in FAR 6.102 (d) (2). Notwithstanding the posting of this opportunity at FedBizOpps.gov, Grants.gov, or at both sites, NASA reserves the right to determine the appropriate award instrument for each proposal selected pursuant to this announcement.

Link to Full Announcement

Click on the following link to see the full text of the announcement for this funding opportunity.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7bE529A93E-C05F-7B1E-680D-D5C7488C2F6C%7d&path=open>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=13931>

National Aeronautics and Space Administration
NASA Headquarters ROSES 2007: Mars Data Analysis Grant

Current Closing Date for Applications: Sep 07, 2007

Funding Instrument Type: Cooperative Agreement
Grant

CFDA Number: 00.000 -- Not Elsewhere Classified

Cost Sharing or Matching Requirement: No

Eligible Applicants

Unrestricted

Description

NNH07ZDA001N, entitled "Research Opportunities in Space and Earth Sciences - 2007 (ROSES-2007)," will be available on or about February 16, 2007, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listings "Solicitations" to "Open Solicitations." This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. Proposal due dates are scheduled starting on May 1,

2007, and continue through April 11, 2008. Electronically submitted Notices of Intent to propose are requested for all program elements, with the first such due date being March 15, 2007. Electronic submission of proposals is required by the respective due dates for each program element, and must be submitted by an authorized official of the proposing organization. Participation is open to all categories of organizations, foreign and domestic, including educational institutions, industry, nonprofit organizations, NASA centers, the Jet Propulsion Laboratory, and other Government agencies' Electronic proposals may be submitted via the NASA proposal data system NSPIRES or via Grants.gov. Every organization that intends to submit a proposal in response to this NRA must be registered with NSPIRES, and organizations that intend to submit proposals via Grants.gov must be registered with Grants.gov. Such registration must identify the authorized organizational representative(s) who will submit the electronic proposal. All principal investigators and other participants (e.g. co-investigators) must be registered in NSPIRES. Potential proposers and proposing organizations are urged to access the system(s) well in advance of the proposal due date(s) of interest to familiarize themselves with its structure and enter the requested information. Further information about specific program elements may be obtained from the individual Program Officers listed in the Summary of Key Information for each program element in this NRA, while questions concerning general NRA policies and procedures may be directed to Dr. Paul Hertz, Science Policy, Process, and Ethics Chief, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; E-mail: paul.hertz@nasa.gov; Telephone: 202-358-0986. This is a broad agency announcement as specified in FAR 6.102 (d) (2). Notwithstanding the posting of this opportunity at FedBizOpps.gov, Grants.gov, or at both sites, NASA reserves the right to determine the appropriate award instrument for each proposal selected pursuant to this announcement.

Link to Full Announcement

Click on the following link to see the full text of the announcement for this funding opportunity. -

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7bE529A93E-C05F-7B1E-680D-D5C7488C2F6C%7d&path=open>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14982>

National Aeronautics and Space Administration
NASA Headquarters
ROSES 2007: Astrobiology: Exobiology and Evolutionary Biology Grant

Document Type: Grants Notice
Funding Opportunity Number: NNH07ZDA001N-EXOB
Opportunity Category: Discretionary
Current Closing Date for Applications: Sep 20, 2007
Funding Instrument Type: Grant
Cooperative Agreement

CFDA Number: 00.000 -- Not Elsewhere Classified
Cost Sharing or Matching Requirement: No

Eligible Applicants
Unrestricted

Description

NNH07ZDA001N, entitled "Research Opportunities in Space and Earth Sciences - 2007 (ROSES-2007)," will be available on or about February 16, 2007, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listings "Solicitations" to "Open Solicitations." This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. Proposal due dates are scheduled starting on May 1, 2007, and continue through April 11, 2008. Electronically submitted Notices of Intent to propose are requested for all program elements, with the first such due date being March 15, 2007. Electronic submission of proposals is required by the respective due dates for each program element, and must be submitted by an authorized official of the proposing organization. Participation is open to all categories of organizations, foreign and domestic, including educational institutions, industry, nonprofit organizations, NASA centers, the Jet Propulsion Laboratory, and other Government agencies' Electronic proposals may be submitted via the NASA proposal data system NSPIRES or via Grants.gov. Every organization that intends to submit a proposal in response to this NRA must be registered with NSPIRES, and organizations that intend to submit proposals via Grants.gov must be registered with Grants.gov. Such registration must identify the authorized organizational representative(s) who will submit the electronic proposal. All principal investigators and other participants (e.g. co-investigators) must be registered in NSPIRES. Potential proposers and proposing organizations are urged to access the system(s) well in advance of the proposal due date(s) of interest to familiarize themselves with its structure and enter the requested information. Further information about specific program elements may be obtained from the individual Program Officers listed in the Summary of Key Information for each program element in this NRA, while questions concerning general NRA policies and procedures may be directed to Dr. Paul Hertz, Science Policy, Process, and Ethics Chief, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; E-mail: paul.hertz@nasa.gov; Telephone: 202-358-0986. This is a broad agency announcement as specified in FAR 6.102 (d) (2). Notwithstanding the posting of this opportunity at FedBizOpps.gov, Grants.gov, or at both sites, NASA reserves the right to determine the appropriate award instrument for each proposal selected pursuant to this announcement.

Link to Full Announcement

Click on the following link to see the full text of the announcement for this funding opportunity.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7bE529A93E-C05F-7B1E-680D-D5C7488C2F6C%7d&path=open>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14859>

National Science Foundation

National Science Foundation
Engineering Research Centers (ERC) Modification 1

Document Type: Modification to Previous Grants Notice
Funding Opportunity Number: 07-521
Opportunity Category: Discretionary
Current Closing Date for Applications: Dec 10, 2007 Letter of Intent Due Date(s) (required): February 02, 2007 Preliminary Proposal Due Date(s) (required): May 03, 2007 Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): December 10, 2007
Invited Full Proposals
Funding Instrument Type: Cooperative Agreement
Expected Number of Awards: 5
Estimated Total Program Funding: \$16,250,000
CFDA Number: 47.041 -- Engineering Grants
Cost Sharing or Matching Requirement: No

Eligible Applicants

Proposals may only be submitted by the following: Only U.S. academic institutions with undergraduate, masters, and doctoral engineering programs of sufficient depth and breadth appropriate to support the vision may submit proposals as the lead institution. Proposals must be submitted by the lead institution with sub-award budgets for partner domestic academic institutions. Separately submitted collaborative proposals are not acceptable and will be returned without review. PI Limit: The center director must be a tenured faculty member at the lead institution in an engineering department or may hold a joint appointment in an engineering department. The director's doctoral degree must be in engineering or an associated field of science; if the latter, she/he must have substantial career experience in engineering and a joint appointment in an engineering department

Description

The goal of the Generation Three (Gen-3) Engineering Research Centers (ERC) Program is to create a culture of innovation in engineering research and education that links scientific discovery to technological innovation through transformational engineered systems research in order to advance technology and produce engineering graduates who will be creative innovators in a global economy. These ERCs will be at the forefront as the U.S. competes in the 21st century global economy where R&D resources and engineering talent are internationally and domestically distributed. Recognizing that optimizing efficiency and product quality is no longer sufficient for U.S. industry to

remain competitive, these ERCs will optimize academic engineering research and education to stimulate increased innovation. They will develop this culture of discovery and innovation through a symbiotic relationship between academic researchers, small innovative firms, and larger industrial and practitioner partners. These ERCs will build bridges from science-based discovery to technological innovation by focusing on research needed to realize transforming engineered systems. They will have the opportunity to partner with foreign universities and provide unique opportunities for research and learning collaboration that will prepare U.S. engineering graduates for leadership in innovation in a global economy. Their faculty will be diverse and talented individuals who will prepare diverse and talented domestic and international graduates who can function in a global world where design and production efforts cross national borders. Their transforming engineering education programs will strategically impart the capacity to create and exploit knowledge for technological innovation.

Link to Full Announcement
NSF Publication 07-521

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=11486>

National Science Foundation
Graduate Research Fellowship Program Grant

Document Type: Grants Notice
Funding Opportunity Number: 07-576
Opportunity Category: Discretionary
Current Closing Date for Applications: Nov 01, 2007 11/01/2007 Interdisc. Fields
11/02/2007 Mathematical Sciences; Computer + Info. Sciences and Engineering
11/06/2007 Social Sciences; Psychology; Geosciences 11/07/2007 Life Sciences
11/08/2007 Engineering 11/09/2007 Chemistry; Physics + Astronomy
Expected Number of Awards: 1100
Estimated Total Program Funding: \$44,550,000
Award Floor: \$40,500
CFDA Number: 47.076 -- Education and Human Resources
Cost Sharing or Matching Requirement: No

Eligible Applicants

PI Limit: Refer to Section IV Eligibility Information.

Description

The National Science Foundation aims to ensure the vitality of the human resource base of science, technology, engineering, and mathematics in the United States and to reinforce its diversity by offering approximately 1,100 graduate fellowships in this competition. The Graduate Research Fellowship provides three years of support for

graduate study leading to research-based masters or doctoral degrees and is intended for students who are in the early stages of their graduate study. The Graduate Research Fellowship Program (GRFP) invests in graduate education for a cadre of diverse individuals who demonstrate their potential to successfully complete graduate degree programs in disciplines relevant to the mission of the National Science Foundation.

Link to Full Announcement

NSF Publication 07-576

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07576

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14880>

National Science Foundation

Environmental Technology Grant

Current Closing Date for Applications: Sep 15, 2007 Submission Window Date(s):
August 15, 2007 - September 15, 2007 August 15 - September 15, Annually Thereafter
February 01, 2008 - March 01, 2008 February 1 - March 1, Annually Thereafter

CFDA Number: 47.041 -- Engineering Grants

Cost Sharing or Matching Requirement: No

Eligible Applicants

Unrestricted:

Description

The Environmental Technology program provides support to develop and test new technologies across the activities in the field of environmental engineering. These include new devices and systems for more effective pollutant removal from air and water, as well as new technologies that minimize or avoid the pollutant generation inherent in older commercial and domestic processes and activities. Fundamental and basic research is solicited in establishing and understanding results in topical areas sought. The program also supports research on the development and refinement of sensors and sensor network technologies that can be used to measure a wide variety of physical, chemical, and biological properties of interest in characterizing, monitoring, and understanding environmental systems. The program emphasizes engineering principles underlying pollution avoidance as well as pollution treatment and remediation. Innovative production processes, waste reduction, recycling, and industrial ecology technologies are important to this program. The program supports research on innovative techniques to restore polluted land, water, and air resources. Contaminants of interest include endocrine disrupter, mercury, arsenic, pharmaceuticals, and personal care products, as well as traditional pollutants. Current areas of support include: Nanotechnology, environmental, health, and safety implications and applications Environmental cyber infrastructure Sensor and sensor network technologies as they relate to the natural ecosystem health Mitigation of human impacts Including those resulting in pollution of the environment (including the effects to water, land and air) Technologies as employed by

phytoremediation and other methods to identify and understand the contamination product, control and elimination encouraged Treatment technologies for hazardous and solid waste Mitigation of environmental impacts of both natural and man-made disasters Environmental Technology also interested in material accounting techniques as part of environmental cost effective and prompt and cost competitive reconstruction efforts following disasters (Also please see Environmental Sustainability for this topical area.) Along with the related Environmental Engineering and Environmental Sustainability programs, the Environmental Technology program fosters engineering research with the goals of: Reducing adverse effects of pollutant discharges from human activities Enhancing the quality and integrity of the natural environment that provides essential ecological services to humans The duration of unsolicited awards is generally one to three years. The average annual award size for the program is \$80,000. Please check the NSF Chemical, Bioengineering, Environmental and Transport Systems Division (CBET) Home Page for the two annual submission windows for unsolicited proposals. Small equipment proposals up to \$100,000 will also be considered and may be submitted during these windows. Any proposal received outside the announced dates will be returned without review. The duration of CAREER awards is five years. The submission deadline for Engineering CAREER proposals is in July every year. Please see the following URL for more information: <http://www.nsf.gov/pubs/2005/nsf05027/nsf05027.jsp> Proposals for Small Grants for Exploratory Research (SGER), Conferences, Workshops, and Supplements may be submitted at any time, but must be discussed with the program director before submission. Please refer to the Grant Proposal Guide (GPG), June 2007, (NSF 07-140) when you prepare your proposal. Chapter II, especially, will assist you. The GPG is available for download at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg

Link to Full Announcement

NSF Program Description 08-1179 -

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14824>

National Science Foundation
Environmental Engineering Grant

Current Closing Date for Applications: Sep 15, 2007 Submission Window Date(s):
August 15, 2007 - September 15, 2007 August 15 - September 15, Annually Thereafter
February 01, 2008 - March 01, 2008 February 1 - March 1, Annually Thereafter
CFDA Number: 47.041 -- Engineering Grants
Cost Sharing or Matching Requirement: No

Eligible Applicants
Unrestricted

Description

In broadest terms, the field of Environmental Engineering is concerned with understanding the impacts of human activities on the natural environment and developing the scientific basis for solving, mitigating, or managing environmental problems caused by human activities. The field emerged as a separate engineering discipline during the middle third of the 20th century, in response to widespread public concern about water and air pollution and increasingly extensive environmental degradation. However, its roots extend back to early efforts in public health engineering in the late 19th century and to ancient times with regard to urban drinking water systems. The Environmental Engineering program supports fundamental research and educational activities across the broad field it serves, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity and that impair the ecological and economic value of those resources. It fosters cutting-edge research based on fundamental science and four types of engineering tools - - measurement, analysis, synthesis, and design. Proposals emphasizing enhancement of American Competitiveness are encouraged. Major areas of interest and activity in the program include: Developing innovative biological, chemical, and physical treatment processes to remove and degrade pollutants from water and air Measuring, modeling, and predicting the movement and fate of pollutants in the environment Developing and evaluating techniques to clean up polluted sites, such as landfills and contaminated aquifers, restore the quality of polluted water, air, and land resources and rehabilitate degraded ecosystems Along with its sibling environmental programs (Environmental Technology, Environmental Sustainability, and Energy for Sustainability), the program fosters environmental sustainability through the development of techniques to minimize or avoid generating pollution. Research may be directed toward improving the cost-effectiveness of pollution avoidance, as well as developing new principles for pollution avoidance technologies. Research for new and improved sensors of environmental conditions and innovative waste reduction and recycling processes also are important components of this program. The duration of unsolicited awards is generally one to three years. The average annual award size for the program is \$90,000. Please check the NSF Chemical, Bioengineering, Environmental and Transport Systems Division (CBET) Home Page for the two annual submission windows for unsolicited proposals. Small equipment proposals up to \$100,000 will also be considered and may be submitted during these windows. Any proposal received outside the announced dates will be returned without review. The duration of CAREER awards is five years. The submission deadline for Engineering CAREER proposals is in July every year. Please see the following URL for more information:

<http://www.nsf.gov/pubs/2005/nsf05027/nsf05027.jsp> Proposals for Small Grants for Exploratory Research (SGER), Conferences, Workshops, and Supplements may be submitted at any time, but must be discussed with the program director before submission. Please refer to the Grant Proposal Guide (GPG), June 2007, (NSF 07-140) when you prepare your proposal. Chapter II, especially, will assist you. The GPG is available for download at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg

Link to Full Announcement

NSF Program Description 08-1440 -

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14830>

National Science Foundation

Environmental Sustainability Grant

Current Closing Date for Applications: Sep 15, 2007 Submission Window Date(s):

August 15, 2007 - September 15, 2007 August 15 - September 15, Annually Thereafter

February 01, 2008 - March 01, 2008 February 1 - March 1, Annually Thereafter

CFDA Number: 47.041 -- Engineering Grants

Cost Sharing or Matching Requirement: No

Eligible Applicants

Unrestricted

Description

The Environmental Sustainability program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems - - which provide ecological services vital for human survival. The long-term viability of natural capital is critical for many areas of human endeavor. Research in Environmental Sustainability considers long time horizons and incorporates contributions from the social sciences and ethics. This program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. There are four general research areas which are supported: Industrial Ecology Green Engineering Ecological Engineering Earth Systems Engineering Topics of interest in Industrial Ecology include advancements in modeling such as life cycle assessment, materials flow analysis, input/output economic models, and novel metrics for measuring sustainable systems. Understanding materials flow and taking advantage of such understanding to substitute less toxic, longer lived materials are important areas for consideration. The effects of substituted materials on waste streams can be explored. Innovations in industrial ecology are encouraged. Engineering tools for estimating costs and ramifications of sustainable development must be developed, tested, and evaluated. In Green Engineering, research is encouraged to advance the sustainability of chemical processes, manufacturing processes, green building, and infrastructure. Many programs in the Engineering Directorate support research in environmentally benign manufacturing or chemical processes. The Environmental Sustainability program supports research that would affect more than one chemical or manufacturing process or that takes a systems or holistic approach to green engineering for infrastructure or green building. Of particular interest is the next generation of water and wastewater treatment that will dramatically decrease material and energy use, consider new paradigms for delivery of services, and

promote longer life for engineered systems. Improvements in distribution and collection systems that will advance smart growth strategies and ameliorate effects of growth are research areas that are supported by Environmental Sustainability. Innovations in prevention and management of storm water, wastewater technology, indoor air quality, recycling and reuse of drinking water, and other green engineering techniques to support sustainable construction projects may also be fruitful areas for research. Ecological Engineering topics should focus on the engineering aspects of restoring ecological function to natural systems. Engineering research in enhancement of natural capital to foster sustainable development is encouraged. Many communities are involved in stream restoration, revitalization of urban rivers, and rehabilitation of wetlands that require engineering input. What is the fundamental engineering knowledge that is necessary for ecological engineering to function sustainably? Earth Systems Engineering considers aspects of large scale engineering research that involve mitigation of greenhouse gas emissions, adaptation to climate change, and other global scale concerns. All proposed research should be driven by engineering principles. Proposals should include involvement in engineering research of at least one graduate student, as well as undergraduates. Proposals emphasizing enhancement of American Competitiveness are encouraged. Incorporation of aspects of social, behavioral, and economic sciences is welcomed. The duration of unsolicited awards is generally one to three years. The average annual award size for the program is \$100,000. Please check the NSF Chemical, Bioengineering, Environmental and Transport Systems Division (CBET) Home Page for the two annual submission windows for unsolicited proposals. Small equipment proposals up to \$100,000 will also be considered and may be submitted during these windows. Any proposal received outside the announced dates will be returned without review. The duration of CAREER awards is five years. The submission deadline for Engineering CAREER proposals is in July every year. Please see the following URL for more information: <http://www.nsf.gov/pubs/2005/nsf05027/nsf05027.jsp> Proposals for Small Grants for Exploratory Research (SGER), Conferences, Workshops, and Supplements may be submitted at any time, but must be discussed with the program director before submission. Please refer to the Grant Proposal Guide (GPG), June 2007, (NSF 07-140) when you prepare your proposal. Chapter II, especially, will assist you. The GPG is available for download at:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg

Link to Full Announcement

NSF Program Description 08-7643 -

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14831>

National Science Foundation
Energy for Sustainability Grant

Document Type: Grants Notice

Funding Opportunity Number: PD-08-7644

Opportunity Category: Discretionary

Current Closing Date for Applications: Sep 15, 2007 Submission Window Date(s):
August 15, 2007 - September 15, 2007 August 15 - September 15, Annually Thereafter
February 01, 2008 - March 01, 2008 February 1 - March 1, Annually Thereafter

CFDA Number: 47.041 -- Engineering Grants

Cost Sharing or Matching Requirement: No

Eligible Applicants

Unrestricted

Description

The Energy for Sustainability program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Most world energy needs are currently met through the combustion of fossil fuels. With projected increases in global energy needs, more sustainable methods for energy production will need to be developed, and production of greenhouse gases will need to be reduced. Sources of sustainable energy include: Sunlight Wind Biomass Hydrogen and alcohols are potential energy carriers that can be derived from renewable sources. Research that generates enabling science and technologies for more efficient hydrogen and storage is supported by the program. Potential sources of hydrogen include conversion from biomass and from electrolysis, photolysis or thermolysis of water. Biomass is available from agricultural crops and residues, forest products, aquatic plants, and municipal wastes. In addition to hydrogen, biomass can be a source of liquid, solid, and gaseous fuels including biofuels such as ethanol. Fuel cells have the potential to convert fuels such as hydrogen and alcohols to electricity at high efficiencies and should play an increasing role in energy conversion. Critical components of low temperature fuel cells requiring additional research include catalysts, membranes, and electrolytes. Development of these components also requires fundamental research on the reaction and transport mechanisms at the catalyst and membrane electrolyte interface. Advances in these areas are needed to address key challenges in efficiency, durability, power density, and environmental impacts. The engineering aspects of fuel-cell design and operation also require further study in areas such as water and thermal management. Wind power is a growing source of electrical energy. Increased efficiency requires a fundamental knowledge of the interaction of wind with the blade structure. Understanding the fluid flow, and optimizing blade design are important aspects in developing more efficient wind generators. Photovoltaic devices have the potential to supply a significant fraction of electrical energy to the power grid. Although silicon-based materials have been most widely used, other semi-conducting materials and titanium dioxide also have potential. New materials and novel fabrication techniques for solar energy conversion are supported by the program. The duration of unsolicited awards is generally one to three years. The average annual award size for the program is \$100,000. Please check the NSF Chemical, Bioengineering, Environmental and Transport Systems Division (CBET) Home Page for the two annual submission windows for unsolicited proposals. Small equipment proposals up to \$100,000 will also be considered and may be submitted during these windows. Any proposal received outside the announced dates will be returned without review. The duration of CAREER

awards is five years. The submission deadline for Engineering CAREER proposals is in July every year. Please see the following URL for more information:
<http://www.nsf.gov/pubs/2005/nsf05027/nsf05027.jsp> Proposals for Small Grants for Exploratory Research (SGER), Conferences, Workshops, and Supplements may be submitted at any time, but must be discussed with the program director before submission. Please refer to the Grant Proposal Guide (GPG), June 2007, (NSF 07-140) when you prepare your proposal. Chapter II, especially, will assist you. The GPG is available for download at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg
Link to Full Announcement
NSF Program Description 08-7644 -
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14832>

National Science Foundation
Emerging Frontiers in Research and Innovation Grant

Document Type: Grants Notice
Funding Opportunity Number: 07-579
Opportunity Category: Discretionary
Current Closing Date for Applications: Apr 30, 2008 Letter of Intent Due Date(s) (required): September 25, 2007 Preliminary Proposal Due Date(s) (required): October 26, 2007 Full Proposal Deadline(s): April 30, 2008
Expected Number of Awards: 11
Estimated Total Program Funding: \$22,000,000
Award Ceiling: \$2,000,000
Award Floor: \$1,000,000
CFDA Number: 47.041 -- Engineering Grants
Cost Sharing or Matching Requirement: No
Eligible Applicants
Organization Limit: Proposals may only be submitted by the following: -Academic Institutions located in the U.S.: U.S. universities and colleges located in the U.S.
*PI Limit: Principal Investigators (PI) must be at the faculty level or equivalent and the lead PI must have a primary appointment in an engineering department. The PI and at least two co-PIs, all from different disciplines and with funded time committed in the budget, must be listed on the cover page or on the budget page of the proposal.

Description

The Directorate for Engineering at the National Science Foundation has established the Office of Emerging Frontiers in Research and Innovation (EFRI) to serve a critical role in focusing on important emerging areas in a timely manner. The EFRI Office is launching a new funding opportunity for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in the following two specific research areas: (1) Cognitive Optimization and Prediction: From Neural Systems to

Neurotechnology (COPN), and (2) Resilient and Sustainable Infrastructures (RESIN). EFRI seeks proposals with transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge. The proposals must also meet the detailed requirements delineated in this solicitation. INFORMATION WEBCAST: The EFRI Office plans to hold an information workshop on September 5, 2008, to answer any questions about the EFRI Office and this solicitation. Details will be posted on the EFRI website (www.nsf.gov/eng/efri) as they become available.

Link to Full Announcement

NSF Publication 07-579 -

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07579

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14993>

US Agency for International Development

US Agency for International Development

Afghanistan USAID-Kabul

Strategic Provincial Roads - Southern and Eastern Afghanistan (SPR-SEA) Grant

Document Type: Grants Notice

Funding Opportunity Number: 306-07-017

Opportunity Category: Discretionary

Current Closing Date for Applications: Aug 20, 2007 05:00 P.M. COB Bangkok time

Funding Instrument Type: Cooperative Agreement

Funding Instrument Type: Cooperative Agreement

Category of Funding Activity: Other (see text field entitled "Explanation of Other Category of Funding Activity" for clarification)

Category Explanation: Strategic Provincial Roads - Southern and Eastern Afghanistan (SPR-SEA)

Expected Number of Awards: 1

Estimated Total Program Funding: \$400,000,000

Award Ceiling: \$400,000,000

Award Floor: \$0

CFDA Number: 98.001 -- USAID Foreign Assistance for Programs Overseas

Cost Sharing or Matching Requirement: No

Eligible Applicants

Qualified applicants may be U.S. or non-U.S. Non-governmental organizations (NGOs), private voluntary organizations (PVOs), for-profit companies willing to forego profit, and Public International Organizations. Faith-based and community organizations that fit the criteria above are also eligible to apply. In support of the Agency's interest in fostering a larger assistance base and expanding the number and sustainability of development partners, USAID encourages applications from potential new partners.

Description

The United States Government, as represented by the United States Agency for International Development (USAID) Mission to Afghanistan, is seeking applications from qualified organizations to implement a three-year program to assist USAID to increase stability and security in Eastern and Southern Afghanistan by rehabilitating rural roads and infrastructure as described in the following Request for Applications (RFA). A cooperative agreement will be used to implement this program. This type of instrument was chosen because USAID desires to achieve a public purpose of support – involving the rehabilitation of Southern and Eastern provincial roads with relatively low volume traffic, and related infrastructure reconstruction work, capacity building and community outreach – and have substantial involvement in the performance of the program. The proposed program goes beyond simply obtaining services and goods to rehabilitate gravel roads but also requires an integrated, substantial program for community involvement and local capacity building. In addition, USAID's experience in Afghanistan is that the use of assistance instruments and the involvement of either non-governmental organizations or public international organizations is an effective way to implement this type of rehabilitation and reconstruction program, especially when combined with capacity building and community outreach efforts.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14852>

US Agency for International Development
Ethiopia USAID-Addis Ababa
USAID/ETHIOPIA Family Planning/Maternal, Newborn and Child Health Program
Grant

Document Type: Grants Notice
Funding Opportunity Number: 663-A-07-012
Opportunity Category: Discretionary
Current Closing Date for Applications: Aug 08, 2007
CFDA Number: 98.001 -- USAID Foreign Assistance for Programs Overseas
Cost Sharing or Matching Requirement: No

Eligible Applicants
Unrestricted

Description

USAID/Ethiopia announces its intention to invite comments and suggestions on a draft Program Description (PD) for the implementation of a new USAID/Ethiopia Family Planning/Maternal, Newborn and Child Health Program Cooperative Agreement. **THIS IS NOT A REQUEST FOR APPLICATIONS.** We are soliciting comments and

suggestions from interested parties, in order to further refine this draft Program Description. Your comments will be appreciated and considered as we finalize the RFA for the proposed Cooperative Agreement. Comments may or may not be incorporated in the PD. The period of performance is expected to be 5.5 years starting on or about March 2008. No information on Applications, Instructions for Applications or Evaluation Criteria is available at this time. Please refrain from submitting questions or requests for clarifications in regards to these sections, as responses will not be provided. USAID/Ethiopia will entertain suggestions/comments to the draft PD until August 8, 2007. USAID reserves the rights to incorporate suggestions and comments and/or to reject suggestions and comments on the draft PD. USAID/Ethiopia will not be able to respond to questions or requests for clarifications resulting from this notice until the final RFA is issued.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14872>

US Agency for International Development
Russia USAID-Moscow
Strategic Health Partnerships Initiative
Modification 1

Current Closing Date for Applications: Sep 03, 2007
Funding Instrument Type: Cooperative Agreement
Expected Number of Awards: 1
Estimated Total Program Funding: \$3,000,000
Award Ceiling: \$3,000,000
Award Floor:
CFDA Number: 98.001 -- USAID Foreign Assistance for Programs Overseas
Cost Sharing or Matching Requirement: No

Eligible Applicants

Qualified applicants may be U.S. private voluntary organizations (U.S. PVOs) and/or U.S. or non-U.S. Non-governmental organizations (NGOs), private, non-profit organizations (or for-profit companies willing to forego profits), including universities, research organizations, professional associations, and relevant special interest associations. Faith-based and community organizations are also eligible for award. In support of the Agency's interest in fostering a larger assistance base and expanding the number and sustainability of development partners, USAID encourages applications from potential new partners.

Agency Name

Description

Building on the success of the 2005 Bratislava Presidential Agreement for HIV/AIDS, the primary objective of this three-year Strategic Health Partnerships Initiative (SHPI) is

to expand ongoing partnerships to strengthen U.S./Russia relations in the health sector and bolster U.S. and Russian capacity, working together to address HIV and other infectious diseases. The health sector has proven to be an effective vehicle for U.S./Russia diplomatic partnership on issues of global significance, and the new initiative will sustain a high-level connection between the U.S. Government (USG) and the Russian Ministry of Health and Social Development (MOHSD) which already enjoys a high degree of Russian support. During the 60th World Health Assembly held recently in Geneva, officials from the MOHSD met with the USG Delegation to review progress on the Bratislava agenda and re-affirmed their interest in expanding U.S./Russia collaboration on health to other areas. The proposed activities for the SHPI support Russia's National Health Project and represent a valuable avenue for positive collaboration with the Government of Russia (GOR) on global public health issues. Bilateral collaboration with the GOR on areas of mutual concern in health can strengthen diplomatic ties and provide a strong foundation for other areas of cooperation. Building partnerships between U.S. and Russian health professionals now, as Russia re-engages as an international donor, represents a valuable opportunity to jointly develop common approaches and reinforce internationally-recognized best practices for address global health problems.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14980>

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