Looking for opportunities to fund your research? Please take a few minutes to review the following information.

If a funding opportunity you are interested in is designated as a limited submission program, please contact ORED prior to developing an application. For more information on the limited submission process http://sites01.lsu.edu/wp/ored/funding-resources/limited-submissions/.

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**Program Announcements**

**Distinguished Research Master Program**

Since 1972, the Council on Research has presented the University-wide award of Distinguished Research Master in recognition of outstanding career accomplishments in research and scholarship. The recipient is chosen by the Council from nominees proposed from the University community. Nominations are solicited at this time for the 2014 competition. Nominations will be accepted for the following categories:

Distinguished Research Master of Arts, Humanities, Social or Behavioral Sciences; and Distinguished Research Master of Science, Technology, Engineering or Mathematics.

Nominations can be submitted by clicking here.

**Rainmaker Program**

The Office of Research & Economic Development and the Council on Research are pleased to issue this call for the LSU Rainmaker Awards, sponsored by Campus Federal Credit Union. This program recognizes excellence in research by LSU faculty. Awards are granted in the area of Arts, Humanities, Social or Behavioral Sciences, and in the area of Science, Technology, Engineering or Mathematics.

Nominations can be submitted by clicking here.

**2014 Fall ORED Workshop Schedule**

The Office of Research and Economic Development is pleased to announce that the Fall workshop schedule has been posted on the ORED website. To see the workshops or register follow the links below:
AAAS - S&T Policy Fellowship Opportunities for Faculty

Are you interested in expanding your science policy resources and networks? Considering a sabbatical year opportunity that will give you hands-on federal policy experience? AAAS S&T Policy Fellowship Opportunities for Faculty engage doctoral level scientists and engineers in national and international issues in the federal policy realm, while affording a career enhancing opportunity to develop valuable skills, resources, and networks in the science policy arena.

The policy fellowships are a public service and professional development opportunity for faculty to apply their knowledge and training to the policy development and implementation process.

Learn how you can enhance policy and transform your career. Join us September 4 at 2 p.m. EDT for a one-hour video based chat session on the AAAS Science & Technology (S&T) Policy Fellowship program and application process for the 2015-16 fellowship year. Have your questions answered by faculty colleagues and alumni fellows, and chat with program staff.

September 4 at 2pm EDT: S&T Policy Fellowship Opportunities for Faculty

S.T.E.M Webinar: Tuesday, September 9, 2014

The Defense Threat Reduction Agency (DTRA) is the U.S. Department of Defense's Strategic Command Center for combating weapons of mass destruction. The DTRA Chemical and Biological Technologies Department works to protect civilians, American warfighters, and their allies from threats posed by chemical and biological weapons. Important research and emerging technologies from academia can significantly contribute to the DTRA Mission.

These webinars are designed to answer your questions about collaborative scientific opportunities.


Learn how to search for internships and employment. Faculty, invite your classroom!

PART 2: 2:30-4:30 PM EDT: Leadership Session: Meet science & technology managers in a live Q&A. Learn how to find grant opportunities. Hear about current research portfolios.

Open to Academic Leadership, Faculty, Principal Investigators, Administrators, and Students.

Check-out the FY2014 University Outreach Engagements Schedule for upcoming dates and featured Subject Matter Experts.

Small Business Innovation Research Program Phase I Solicitation

Solicitation: NSF 14-603
Due Date: December 02, 2014
Institutional Limit: 2
Limit Summary:
An organization may submit no more than two Phase I proposals in total during this cycle, which is defined as this SBIR Phase I solicitation and the concurrent STTR Phase I solicitation. For example, an organization may submit one (1) SBIR Phase I and one (1) STTR Phase I proposal, two (2) SBIR Phase I proposals, or two(2) STTR Phase I proposals during this cycle.

These eligibility constraints will be strictly enforced. In the event that an organization exceeds this limit, the first two proposals received will be accepted, and the remainder will be returned without review. No exceptions will be made. The submission of the same project idea to both this SBIR Phase I solicitation and the concurrent STTR Phase I solicitation is strongly discouraged.

Sloan Foundation Seeks Nominees for Research Fellowships

The Alfred P. Sloan Foundation is now accepting nominations for Sloan Research Fellowships in eight fields: chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, and physics. These two-year, $50,000 fellowships are awarded annually to 126 early-career faculty in recognition of their distinguished performance and
exceptional potential as researchers. Candidates must be nominated by a department head or other senior researcher, and are selected by independent panels of noted scholars in each field. Nominations and other supporting material are due online no later than September 15, 2014. For more information, please visit the Sloan Research Fellowships website, or contact researchfellows@sloan.org.

NSF - IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (RED)

The NSF Engineering (ENG) Directorate is launching a multi-year initiative, the Professional Formation of Engineers, to create and support an innovative and inclusive engineering profession for the 21st Century. Professional Formation of Engineers (PFE) refers to the formal and informal processes and value systems by which people become engineers. It also includes the ethical responsibility of practicing engineers to sustain and grow the profession. The engineering profession must be responsive to national priorities, grand challenges, and dynamic workforce needs; it must be equally open and accessible to all.

In FY 2015 the PFE initiative in ENG is launching a pilot program aligned with the IUSE framework: Revolutionizing Engineering Departments (herein referred to as RED), in partnership with the Directorates for Computer and Information Science and Engineering (CISE) and Education and Human Resources (EHR). This funding opportunity enables engineering departments to lead the nation by successfully achieving significant sustainable changes necessary to overcome long-standing issues in their undergraduate programs and educate inclusive communities of engineering students prepared to solve 21st century challenges. Computer science departments, whether administratively located in or outside an engineering program, are included in RED, as they share the same challenges as traditional engineering departments. (Note: “Engineering departments” in this solicitation will refer to engineering and computer science departments.)

Even as demographic and regional socio-economic factors affect departments in unique ways, there are certain tenets of sustainable change that are common across institutions. For instance, the development and engagement of the entire faculty within a department are paramount to the process, and they must be incentivized. Departmental cultural barriers to inclusion of students and faculty from different backgrounds must be identified and addressed. Finally, coherent technical and professional threads must be developed and woven across the four years, especially (1) in the core technical courses of the middle two years, (2) in internship opportunities in the private and public sectors, and (3) in research opportunities with faculty. These and other threads aim to ensure that students develop deep knowledge in their discipline more effectively and meaningfully, while at the same time, aim to build their capacities for 21st Century and “T-shaped” professional skills, including design, leadership, communication, understanding historical and contemporary social contexts, lifelong learning, creativity, entrepreneurship, and teamwork. It is hoped that, over time, the awardees of this program will create knowledge concerning sustainable change in engineering and computer science education that can be scaled and adopted nationally across a wide variety of academic institutions.

Note: Because it addresses undergraduate engineering education, the Revolutionizing Engineering Departments (RED) funding opportunity is offered in alignment with the NSF-wide undergraduate STEM education initiative, Improving Undergraduate STEM Education (IUSE). More information about IUSE can be found in the Introduction of this solicitation.

Introduction to the Principles and Practice of Clinical Research (IPPCR)

Course Description:
Principles and Practice of Clinical Research 3rd Edition textbook cover

The Introduction to the Principles and Practice of Clinical Research (IPPCR) is a course to train participants on how to effectively conduct clinical research. The course focuses on the spectrum of clinical research and the research process by highlighting epidemiologic methods, study design, protocol preparation, patient monitoring, quality assurance, and Food and Drug Administration (FDA) issues. Other areas covered include data management and ethical issues, including protection of human subjects, building a budget, plus many special topics.

The IPPCR course is offered yearly at the NIH Building 10, Clinical Center Lipsett Amphitheater on Monday and Tuesday nights from 5:00pm to 6:30pm during the months of October through March. The course can also be viewed online from a remote location. This course will be of interest to physicians, scientists, medical students, and any other health professional looking in enhance their knowledge in clinical research. There is no academic credit offered for attending and completing this course. However, a certificate of completion is awarded upon successful completion of the course, which includes scoring 75% or higher on the final exam. There is no cost for the course.
Course Objectives:
To become familiar with the basic epidemiologic methods involved in clinical research;

To be able to discuss the principles involved in the ethics of clinical research, the legal issues involved in clinical research, and the regulations involved in human subjects research, including the role of institutional review boards (IRBs) in clinical research.

To become familiar with the principles and issues involved in monitoring patient-oriented research.
To be able to discuss the infrastructure required in performing clinical research and have an understanding of the steps involved in developing and funding research studies.

JUST RELEASED! FY14 DOD CDMRP PRARP Pre-Announcement

The Fiscal Year 2014 (FY14) Defense Appropriations Act provides research funding for the peer reviewed programs managed by the Department of Defense (DOD) office of Congressionally Directed Medical Research Programs (CDMRP).

This e-mail is to notify the research community of the recently released pre-announcements (http://cdmrp.army.mil/pubs/press/press.shtml) from the following program: Peer Reviewed Alzheimer’s Research Program (PRARP) Descriptions of each of the funding opportunities, eligibility, key mechanism elements, and funding can be found in the respective program's pre-announcement. FY14 pre-announcements can be found in the CDMRP home page features at http://cdmrp.army.mil. The FY14 PRARP pre-announcement can also be found at http://cdmrp.army.mil/pubs/press/2014/14prarppreann.shtml.

Subsequent notifications will be sent when the program announcements/funding opportunities are released.

New for 2014 - CDMRP's New Application Receipt System (eBRAP)

For FY14, CDMRP has replaced eReceipt with the electronic Biomedical Research Application Portal (eBRAP). As in the past, application submission is a two-step process requiring both (1) pre-application submission through the eBRAP (https://eBRAP.org/) and (2) application submission through Grants.gov (http://www.grants.gov/), with application status available on eBRAP.

A key feature of eBRAP is that organizational representa-

tives and Principal Investigators (PIs) will be able to view and modify their Grants.gov application submissions, but only if their organization, Business Officials, and PIs are registered and affiliated in eBRAP.

Submission of either the pre-application to eBRAP or the application to Grants.gov does not require registering an organization and affiliating its Business Officials and PIs in eBRAP; however, the ability to view and modify the Grants.gov application in eBRAP is contingent upon this registration and affiliation process.

Please do not respond directly to this message. To be added or removed from this email list please send an email to help@eBRAP.org.

ICSAI 2014, Shanghai: 2nd Round Submissions

The 2014 International Conference on Systems and Informatics (ICSAI 2014) will be held from 15-17 November 2014 in Shanghai, China. The deadline for the 2nd (final) round of submissions is 30 August 2014 (papers already submitted in the previous round should not be re-submitted and will receive review notifications on 16 August). ICSAI 2014 aims to be a premier international forum for scientists and researchers to present the state of the art of systems engineering and information science.

Keynote speakers include Ljiljana Trajkovic, President of the IEEE Systems, Man, and Cybernetics Society; Witold Pedrycz, Editor-in-Chief of 3 SCI-indexed journals (including IEEE Transactions on Systems, Man, and Cybernetics: Systems); and Marimuthu Palaniswami, a renowned researcher.

Topics include (but are not limited to):

- Systems
  - Control and Automation Systems
  - Power and Energy Systems
  - Intelligent Systems
- Computer Systems and Applications Informatics
- Communications and Networking
- Image, Video, and Signal Processing
- Data Engineering and Data Mining
- Software Engineering

The registration fee of US$410 includes proceedings, lunches, dinners, banquet, coffee breaks, and all technical sessions.

All papers in conference proceedings will be submitted
to both IEEE Xplore and EI Compendex for indexing (the previous ICSAI proceedings were indexed in EI Compendex and IEEE Xplore within 3 months of the conference. IEEE Conference Record # 34792; ISBN 978-1-4799-5457-5). Substantially extended versions of best papers will be considered for publication in a special issue of a SCI-indexed journal.

Shanghai is the largest city in China, with famous historical and cultural heritage. Attractions include Yuyuan Garden ("Happy Garden" built in Ming Dynasty), Shanghai Museum with 120,000 pieces of rare relics, Shanghai World Financial Center, Jade Buddha Temple (Song Dynasty), Oriental Pearl TV Tower, Zhujiajiao Water Town, and Expo 2010 site.

To promote international participation of researchers from outside the country/region where the conference is held (i.e., China's mainland), researchers outside of China's mainland are encouraged to propose invited sessions. The first author of each paper in an invited session must not be affiliated with an organization in China's mainland. All papers in the invited sessions can be marked as "Invited Paper". The organizer(s) for each invited session with at least 6 registered papers will jointly enjoy an honorarium of US$400. Invited session organizers will solicit submissions, conduct reviews and recommend accept/reject decisions on the submitted papers. Invited session organizers will be able to set their own submission and review schedules, as long as a list of recommended papers is determined by 10 October 2014. Each invited session proposal should include: (1) the name, bio, and contact information of each organizer of the invited session; (2) the title and a short synopsis of the invited session. Please send your proposal to icsai2014@sdju.edu.cn

For more information, visit the conference web page: 
http://ICSAI2014.sdju.edu.cn

If you have any questions after visiting the conference web page, please email the secretariat at icsai2014@sdju.edu.cn

Join us at this major event in exciting Shanghai !!!

Historically Black Colleges and Universities Undergraduate Program

Solicitation: NSF 14-513
Due Date: October 27, 2014
Institutional Limit: See Limit Summary
Limit Summary:
HBCU-UP Proposals:
- An eligible institution can only have one Implementation Project or ACE Implementation Project proposal

and can only have one active Implementation Project or ACE Implementation Project award.
- An eligible institution can submit no more than two Broadening Participation Research proposals per year.
- An eligible institution can submit no more than two Targeted Infusion Project proposals per year and can only have one active Targeted Infusion Project for any given department.
- An eligible institution can submit no more than two Research Initiation Award proposals per year.

Defense Health Program
Department of Defense Gulf War Illness Research Program

Funding Opportunities for Fiscal Year 2014

The Fiscal Year 2014 (FY14) Defense Appropriations Act provides $20 million (M) to the Department of Defense Gulf War Illness Research Program (GWIRP) to support innovative, high-impact research to improve the health and lives of veterans who have Gulf War Illness (GWI). The GWIRP is administered by the US Army Medical Research and Materiel Command (USAMRMC) through the Office of Congressionally Directed Medical Research Programs (CDMRP).

The GWIRP is providing the information in this pre-announcement to allow investigators time to plan and develop applications. FY14 GWIRP Program Announcements and General Application Instructions for the following award mechanisms are anticipated to be posted on Grants.gov in early September 2014. Pre-application and application deadlines will be available when the Program Announcements are released. This pre-announcement should not be construed as an obligation by the government.

Grants.gov Opportunities

The following grant opportunity postings were made on the Grants.gov Find Opportunities service:

NSF
National Science Foundation
Dear Colleague Letter: Supplemental Opportunity for Translational Research in the Academic Community (TRAC) (NSF 10-044) Modification 1
HHS
Department of Health and Human Services
National Institutes of Health
Molecular and Cellular Substrates of Complex Brain Disorders (R01) Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=113013

HHS
Department of Health and Human Services
National Institutes of Health
Molecular and Cellular Substrates of Complex Brain Disorders (R21) Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=113014

NSF
National Science Foundation
Physical and Engineering Sciences in Oncology Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=131473

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Short Courses for Mental Health-Related Research Education (R25) Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=191213

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Research Education Programs for Psychiatry Residents (R25) Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=191234

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Mentoring Networks for Mental Health Research Education (R25)
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260868

DOI
Department of the Interior
Bureau of Reclamation
Operation and Maintenance of Russell Lakes, San Luis Valley Project, Closed Basin Division
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260889

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Mentoring Networks for Mental Health Research Education (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260870

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Research Education Programs Supporting Psychiatry Residents (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260871

Solicitation on Advanced Dry Cooling for Power Plants Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=235621

DOC
Department of Commerce
Species Recovery Grants to States (Section 6 Program) Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260854

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Research Education Programs Supporting Psychiatry Residents (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260871

HHS
Department of Health and Human Services
National Institutes of Health
NIMH ShortCourses for Mental Health-Related Research Education (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260868

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Mentoring Networks for Mental Health Research Education (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260870

HHS
Department of Health and Human Services
National Institutes of Health
NIMH Research Education Programs Supporting Psychiatry Residents (R25) Modification 1
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260871

NSF
National Science Foundation
Solicitation on Advanced Dry Cooling for Power Plants Modification 1
http://www.grants.gov/web/grants/view-opportunity.html?oppId=235621

DOC
Department of Commerce
Species Recovery Grants to States (Section 6 Program) Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=260854
Platform Delivery Technologies for Nucleic Acid Therapeutics (R43/R44)
Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260909

HHS
Department of Health and Human Services
National Institutes of Health
Platform Delivery Technologies for Nucleic Acid Therapeutics (R41/R42)
Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260910

HHS
Department of Health and Human Services
National Institutes of Health
Molecular and Cellular Substrates of Complex Brain Disorders (R01)
Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260915

HHS
Department of Health and Human Services
National Institutes of Health
Molecular and Cellular Substrates of Complex Brain Disorders (R21)
Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260917

DOI
Department of the Interior
Fish and Wildlife Service
Cooperative Recovery Initiative ? Malpai Borderlands Group
Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260928

DOI
Department of the Interior
Fish and Wildlife Service
Cooperative Recovery Initiative, The American Museum of Natural History, Southwest Research Station
Modification 2
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260931

DOI
Department of the Interior
Fish and Wildlife Service
Cooperative Recovery Initiative, The American Museum of Natural History, Southwest Research Station
Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260932

NSF
National Science Foundation
NSF/DOE PARTNERSHIP ON ADVANCED COMBUSTION ENGINES Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=170635

NSF
National Science Foundation
EPA/NSF Networks for Characterizing Chemical Life Cycle Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=212116

NSF
National Science Foundation
EPA/NSF Networks for Sustainable Molecular Design and Synthesis Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=212117

NSF
National Science Foundation
Resilient Interdependent Infrastructure Processes and Systems Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=249439

NSF
National Science Foundation
Scalable Nanomanufacturing Modification 1

DOD
Department of Defense
Office of Naval Research
Compact High-Density Tactical Energy Storage Modification 2
http://www.grants.gov/web/grants/view-opportunity. html?oppId=254797

DOS
Department of State
U.S. Mission to India
U.S. Consulate Hyderabad Workshop for Bloggers on Global Issues and Challenges
Modification 2
http://www.grants.gov/web/grants/view-opportunity. html?oppId=258128

NSF
National Science Foundation
Ecology and Evolution of Infectious Diseases Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260969

NSF
National Science Foundation
CISE Research Infrastructure Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260975

DOI
Department of the Interior
Fish and Wildlife Service Cooperative Recovery Initiative, Cuenca Los Ojos Foundation Trust Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=260988

NEA
National Endowment for the Arts
NEA Research: Art Works, FY 2015 Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261009

HHS
Department of Health and Human Services Health Resources & Services Administration Children’s Hospitals Graduate Medical Education (CHG-ME) Payment Program Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261028

DOI
Department of the Interior Fish and Wildlife Service Wildlife Without Borders Western Hemisphere Program (Mexico) Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261029

DOI
Department of the Interior Bureau of Reclamation Fish and Wildlife Coordination Act Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261030

DOI
Department of the Interior Fish and Wildlife Service Asian Elephant Conservation Fund Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261031

HHS
Department of Health and Human Services Health Resources & Services Administration Service Area Competition Modification 1

HHS
Department of Health and Human Services Health Resources & Services Administration Service Area Competition Modification 1
http://www.grants.gov/web/grants/view-opportunity. html?oppId=258514

DOD

PAMS
Department of Energy - Office of Science Office of Science Atmospheric System Research Program Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261148

DOS
Department of State U.S. Mission to Iraq Partnership Program for Polytechnic Universities in the Iraqi Kurdistan Region Grant
http://www.grants.gov/web/grants/view-opportunity. html?oppId=261172

HHS
Department of Health and Human Services
National Institutes of Health
Patient Safety in the Context of Perinatal, Neonatal, and Pediatric Care (R21)
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=261182

HHS
Department of Health and Human Services
National Institutes of Health
Patient Safety in the Context of Perinatal, Neonatal, and Pediatric Care (R03)
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=261183

DOI
Department of the Interior
Fish and Wildlife Service
Migratory Bird Joint Ventures - Gulf Coast JV Fiscal Year 2014
Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=261210

Weekly NIH Funding Opportunities and Notices

Notices
Notice to Extend the Expiration Date of PAR-11-315 “Systems Science and Health in the Behavioral and Social Sciences (R21)”
(NOT-OD-14-121)
Office of Behavioral and Social Science Research

Notice to Extend the Expiration Date of PAR-11-314 “Systems Science and Health in the Behavioral and Social Sciences (R01)”
(NOT-OD-14-122)
Office of Behavioral and Social Science Research

Notice of Correction to Award Budget of RFA-AA-15-003 “Collaborative Partnership on Alcohol and Health Disparities Research Center (AHDRC) (U54)”
(NOT-AA-14-012)
National Institute on Alcohol Abuse and Alcoholism
NIA Population Study of Dementia in the Health Retirement Study
(NOT-AG-14-022)
National Institute on Aging

Notice of Correction to RFA-AG-15-005 “Nathan Shock Centers of Excellence in Basic Biology of Aging (P30)”
(NOT-AG-14-023)
National Institute on Aging

Notice of NIA’s Participation in RFA-DK-14-004 “Prevention of Lower Urinary Tract Symptoms in Women: Bladder Health Clinical Centers (PLUS-CCs) (U01)”
(NOT-AG-14-024)
National Institute on Aging

Request for Information (RFI): Soliciting Comments on Technical Requirements for Optimized Voltage Sensors for Measuring Membrane Potential
(NOT-DA-14-028)
National Institute on Drug Abuse

(NOT-DA-14-029)
National Institute on Drug Abuse

Notice of Clarification Regarding Letters of Collaboration in RFA-DA-15-006 “Avenir Award Program for Genetics or Epigenetics of Substance Abuse (DP2)”
(NOT-DA-14-030)
National Institute on Drug Abuse

Notice of NIBIB’s Participation in PA-14-308 “Platform Delivery Technologies for Nucleic Acid Therapeutics (R41/R42)”
(NOT-EB-14-005)
National Institute of Biomedical Imaging and Bioengineering

Notice of NIBIB’s Participation in PA-14-307 “Platform Delivery Technologies for Nucleic Acid Therapeutics (R43/R44)”
(NOT-EB-14-006)
National Institute of Biomedical Imaging and Bioengineering

Request for Information (RFI): Input on Gaps in Knowledge Relevant to the National Eye Institute Audacious Goal Initiative
(NOT-EY-14-003)
National Eye Institute

Notice of Modification of Eligibility of PAR-14-303 “Institutional Development Award (IDeA) Program Infrastructure for Clinical and Translational Research (IDeA-CTR) (U54)”
(NOT-GM-14-128)
National Institute of General Medical Sciences
Notice of Modification of Genomics Education and Outreach Activities in PAR-14-195 Centers of Excellence in Genomic Science (CEGS) (RM1)
(NOT-HG-14-032)
National Human Genome Research Institute
Notice to Extend the Response Date for NOT-HG-14-028 “Request for Information (RFI): Collaborative Translational Research Consortium to Develop T4 Translation of Evidence-based Interventions”
(NOT-HG-14-234)
National Heart, Lung, and Blood Institute
Notice of NLM’s Participation in PAR-13-358 “Opportunities for Collaborative Research at the NIH Clinical Center (U01)”
(NOT-LM-14-004)
National Library of Medicine
Prize Competition: Challenges in Single Cell Analysis
(NOT-RM-14-014)
National Institutes of Health
NIH-NSF Ecology and Evolution of Infectious Diseases Program: A Joint Program for Multidisciplinary Research
(NOT-TW-14-009)
John E. Fogarty International Center

**Requests for Applications**

MD-PhD Training Program in Aging and the Social/Behavioral Sciences (T32)
(RFA-AG-15-012)
National Institute on Aging
Application Receipt Date(s): November 07, 2014
Prevention of Lower Urinary Tract Symptoms in Women: Bladder Health Clinical Centers (PLUS-CCs) (U01)
(RFA-DK-14-004)
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute on Aging
Application Receipt Date(s): November 07, 2014
Office of Research on Women’s Health
Application Receipt Date(s): November 20, 2014
Prevention of Lower Urinary Tract Symptoms in Women: Bladder Health Scientific and Data Coordinating Center (PLUS-SDCC) (U01)
(RFA-DK-14-018)
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute on Aging
Application Receipt Date(s): November 20, 2014
Office of Behavioral and Social Science Research

Office of Research on Women’s Health
Application Receipt Date(s): November 20, 2014
Limited Competition: Data Coordinating Center for Type 1 Diabetes TrialNet (UC4)
(RFA-DK-14-507)
National Institute of Diabetes and Digestive and Kidney Diseases
Application Receipt Date(s): December 03, 2014
Improving Health through Rehabilitation Robotic Technology (R43/R44)
(RFA-HD-15-001)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Application Receipt Date(s): November 13, 2014
Tools for Assessment and Improvement of Neurologic Outcomes in Perinatal Medicine (R41)
(RFA-HD-15-005)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Application Receipt Date(s): December 17, 2014
 Tools for Assessment and Improvement of Neurologic Outcomes in Perinatal Medicine (R43)
(RFA-HD-15-006)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Application Receipt Date(s): December 17, 2014
Centers Without Walls for Collaborative Research in the Epilepsies: Developing Disease Modifying or Prevention Therapies (U54)
(RFA-NS-15-001)
National Institute of Neurological Disorders and Stroke
Application Receipt Date(s): November 06, 2014

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**IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments**

Available Formats:

Document Number: nsf14602
This is an NSF Program Announcements and Information item.

Tribal Colleges and Universities Program (TCUP)

Full Proposal Deadline Date: September 16, 2014

Targeted STEM Infusion Projects

Program Guidelines: NSF 14-572

The Tribal Colleges and Universities Program (TCUP) provides awards to Tribal Colleges and Universities, Alaska Native-serving institutions, and Native Hawaiian-serving institutions to promote high quality science (including sociology, psychology, anthropology, economics, statistics, and other social and behavioral science as well as natural science and education disciplines), technology, engineering and mathematics (STEM) education, research, and outreach. Support is available to ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5483&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

Innovation Corps Teams Program (I-Corps Teams)

Full Proposal Window: September 15, 2014

Program Guidelines: NSF 12-602

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society. In order to jumpstart a national innovation ecosystem, NSF has established the NSF Innovation Corps Teams Program (NSF I-Corps Teams). The NSF I-Corps Teams purpose is to identify NSF-funded researchers who will receive ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504809&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

Hazard Mitigation and Structural Engineering (HMSE)

Full Proposal Window: September 15, 2014

Program Guidelines: PD 13-1637

The Hazard Mitigation and Structural Engineering (HMSE) program supports fundamental research to mitigate impacts of natural and anthropogenic hazards on civil infrastructure and to advance the reliability, resiliency, and sustainability of buildings and other structures. Hazards considered within the program include earthquake, tsunami, hurricane, tornado and other loads, as well as explosive and impact loading. Resiliency of buildings and other structures ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13358&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

Design of Engineering Material Systems (DEMS)

Full Proposal Window: September 15, 2014

Program Guidelines: PD 12-8086

The Design of Engineering Material Systems (DEMS) program supports fundamental research intended to lead to new paradigms of design, development, and insertion of advanced engineering material systems. Fundamental research that develops and creatively integrates theory, processing/manufacturing, data/informatics, experimental, and/or computational approaches with rigorous engineering design principles, approaches, and tools to enable the accelerated design and ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504809&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

Manufacturing Enterprise Systems (MES)

Full Proposal Window: September 15, 2014

Program Guidelines: PD 13-1786

The MES program supports research on design, planning, and control of operations in manufacturing enterprises. Research is supported that is both grounded in an interesting and relevant application and requires the development of novel analytical and computational methodologies that may be of broader interest. Topics of interest include supply chain optimization and management; production planning and scheduling;
monitoring and control of manufacturing processes; and maintenance and ...

This is an NSF Upcoming Due Dates item.

**Geotechnical Engineering (GTE)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 12-1636

The GTE program supports fundamental research on geotechnical engineering aspects of civil infrastructure, such as site characterization, foundations, earth retaining systems, underground construction, excavations, tunneling, and drilling. Also included in the program scope is research on geoenvironmental engineering; geotechnical engineering aspects of geothermal energy; life-cycle analysis of geostuctures; geotechnical earthquake engineering that does not involve the use of George ...

This is an NSF Upcoming Due Dates item.

**Sensors, Dynamics, and Control (SDC)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 14-7569

The Sensors, Dynamics, and Control (SDC) program supports fundamental research on the analysis, measurement, monitoring and control of complex dynamical and structural systems, including development of new analytical, computational and experimental tools, and novel applications to engineered and natural systems. Program objectives are the discovery of new phenomena and the investigation of innovative methods and applications for dynamics, measurement, and control. Transformative research on ...

This is an NSF Upcoming Due Dates item.

**Mechanics of Materials (MOM)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 14-1630

The Mechanics of Materials program supports fundamental research on the behavior of solid materials and respective devices under external actions. A diverse and interdisciplinary spectrum of research is supported with emphasis placed on fundamental understanding that i) advances theory, experimental, and/or computational methods in Mechanics of ...

This is an NSF Upcoming Due Dates item.

**Civil Infrastructure Systems (CIS)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 12-1631

The Civil Infrastructure Systems (CIS) program supports research leading to the engineering of infrastructure systems for resilience and sustainability without excluding other key performance issues. Areas of interest include intra- and inter-physical, information and behavioral dependencies of infrastructure systems, infrastructure management, construction engineering, and transportation systems. Special emphasis is on the design, construction, operation, and ...

This is an NSF Upcoming Due Dates item.

**Systems Science (SYS)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 12-8085

The System Science (SYS) program funds fundamental research on engineered systems to support the creation of a theoretically sound foundation for systems engineering. The System Science program invites proposals that address fundamental issues critical to the design of large scale complex engineered systems such as: the relation of the structure of an engineering organization to design outcomes; uncertainty quantification and management from initial engineering
design predictions through to ...

This is an NSF Upcoming Due Dates item.

**Engineering and Systems Design (ESD)**

**Full Proposal Window:** September 15, 2014

**Program Guidelines:** PD 13-1464

The Engineering and Systems Design (ESD) program supports descriptive and normative research leading to a theory of engineering design and an understanding of systems engineering. The program is focused on gaining an understanding of the basic processes and phenomena underlying a view of design where the system life-cycle context informs the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the ...


This is an NSF Upcoming Due Dates item.

**Manufacturing Machines and Equipment (MME)**

**Full Proposal Window:** September 15, 2014

**Program Guidelines:** PD 14-1468

The MME program supports fundamental research leading to improved manufacturing machines and equipment, and their application in manufacturing processes. Key goals of the program are to advance the transition of manufacturing from skill-based to knowledge-based activities, and to advance technologies that will enable the manufacturing sector to reduce its environmental impacts. A focus is on the advancement of manufacturing machines and related systems engineering that will ...


This is an NSF Upcoming Due Dates item.

**Service Enterprise Systems (SES)**

**Full Proposal Window:** September 15, 2014

Program Guidelines: PD 10-1787

The SES program supports research on decision making related to design, planning, and operation of commercial, nonprofit, and institutional service enterprises with the goal of improving their overall effectiveness and cost reduction. Research is supported that is both grounded in an interesting and relevant application and requires the development of novel analytical and computational methodologies that may be of broader interest. Topics of interest include healthcare operations and ...


This is an NSF Upcoming Due Dates item.

**Biomechanics and Mechanobiology (BMMB)**

**Full Proposal Window:** September 15, 2014

**Program Guidelines:** PD 14-7479

The BMMB Program supports fundamental research in biomechanics and mechanobiology. An emphasis is placed on multiscale mechanics approaches in the study of organisms that integrate across molecular, cell, tissue, and organ domains. The influence of in vivo mechanical forces on cell and matrix biology in the histomorphogenesis, maintenance, regeneration, and aging of tissues is an important concern. In addition, the relationships between mechanical behavior and ...


This is an NSF Upcoming Due Dates item.

**Geomechanics & Geomaterials (GGS)**

**Full Proposal Window:** September 15, 2014

**Program Guidelines:** PD 12-1634

The GEOMM program supports fundamental research on the mechanical and engineering properties of geologic materials including natural, mechanically stabilized, and biologically or chemically modified soil and rock. The program also addresses hydraulic, biological, chemical and thermal processes that affect the behavior of geologic materials. Research at the micro-scale on soil-structure interaction and liquefaction are included in the scope of this program. Support is ...

This is an NSF Upcoming Due Dates item.

**Frequently Asked Questions (FAQs) for SBE Post-doctoral Research Fellowships (SPRF) Program**

Available Formats:


Document Number: nsf14109

This is an NSF Program Announcements and Information item.

**Geomechanics & Geomaterials (GGS)**

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This is an NSF Upcoming Due Dates item.

**Materials Engineering and Processing (MEP)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 13-8092

The Materials Engineering and Processing (MEP) program supports fundamental research addressing the processing and mechanical performance of engineering materials by investigating the interrelationship of materials processing, structure, properties and/or life-cycle performance for targeted applications. Materials processing proposals should focus on manufacturing processes that convert material into useful form as either intermediate or final composition. ...


This is an NSF Upcoming Due Dates item.

**NanoManufacturing (NM)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 14-1788

Nanomanufacturing is the production of useful nanoscale materials, structures, devices and systems in an economically viable manner. The NSF Nanomanufacturing Program supports fundamental research in novel methods and techniques for batch and continuous processes, top-down (addition/subtraction) and bottom-up (directed self-assembly) processes leading to the formation of complex heterogeneous nanosystems. The program supports basic research in nanostructure and process design principles, ...

This is an NSF Upcoming Due Dates item.

**Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DMS/NIGMS)**

Full Proposal Deadline Date: September 15, 2014

Program Guidelines: NSF 13-570

The Division of Mathematical Sciences in the Directorate for Mathematical and Physical Sciences at the National Science Foundation and the National Institute of General Medical Sciences at the National Institutes of Health plan to support research in mathematics and statistics on questions in the biological and biomedical sciences. Both agencies recognize the need and urgency for promoting research at the interface between the mathematical sciences and the life sciences. This competition is ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5300&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

**Operations Research (OR)**

Full Proposal Window: September 15, 2014

Program Guidelines: PD 10-5514

The OR program supports fundamental research leading to the creation of innovative mathematical models, analysis, and algorithms for optimal or near optimal decision-making, applicable to the design and operation of manufacturing, service, and other complex systems. In addition to the traditional areas of Operations Research which includes discrete and continuous optimization as well as stochastic modeling and analysis, new research thrusts include simulation optimization and self-optimizing ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5671&WT.mc_id=USNSF_39&WT.mc_ev=click

This is an NSF Upcoming Due Dates item.

**Research in Engineering Education (REE)**

Full Proposal Deadline Date: September 18, 2014

Full proposal submission deadline. Next deadline in January.

Program Guidelines: PD 10-1340

The Division of Engineering Education and Centers (EEC) supports creation of a more agile engineering education ecosystem, equally open and available to all members of society, that dynamically and rapidly adapts to meet the changing needs of society and the Nation's economy. Research is sought that will inform systemic change across all parts of the ecosystem; areas of interest include, but are not limited to: 1. Diversifying pathways to and through engineering degree ...


This is an NSF Upcoming Due Dates item.

**Focused Research Groups in the Mathematical Sciences (FRG)**

Full Proposal Deadline Date: September 19, 2014

Program Guidelines: NSF 12-566

The purpose of the FRG activity is to allow groups of researchers to respond to recognized scientific needs of pressing importance, to take advantage of current scientific opportunities, or to prepare the ground for anticipated significant scientific developments in the mathematical sciences. Groups may include, in addition to mathematicians and statisticians, researchers from other science and engineering disciplines appropriate to the proposed research. The activity supports projects ...


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**Dear Colleague Letter: Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE)**

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Full Proposal Window: September 15, 2014

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