FAST Money Happenings

Federal SBIR/STTR open solicitations

The FAST program was designed to help increase SBIR/STTR awareness, assistance, solicitations and successful awards throughout the state. Contact Drake Thomas at dthomas@brockport.edu to find out about the free support assistance available across New York State.

ARMY Solicitations
Most Current 7 Days of ARMY Solicitations

Operationally Durable Aircraft Technology -- The U.S. Army’s Aviation Development Directorate - Aviation Applied Technology Directorate seeks proposals to meet the ODAT objective: develop and mature technologies that enable a lightweight, operationally durable aircraft.

DoD Autism Idea Development Award - The FY14 ARP Idea Development Award seeks applications from all areas of basic and preclinical research, and strongly encourages applications that address the critical needs of the ASD community in the following areas: 1. Assessment of novel therapeutics using valid preclinical models, 2. Environmental risk factors, 3. Mechanisms of heterogeneous clinical expression or response to treatment of ASD, excluding new gene discovery...see full solicitation for all areas.

DoD Autism Clinical Trial Award - The FY14 ARP strongly encourages applications that address the critical needs of the ASD community in the following areas: 1. Behavioral and other non-pharmacological therapies, 2. Pharmacological treatments in autism or well-defined subgroups of autism, 3. Dissemination/Implementation of established, efficacious behavioral interventions, and 4. Therapies to alleviate conditions co-occurring with ASD.

DoD Peer Reviewed Orthopaedic Idea Development Award, Clinical Trial Development Award, Translational Research Award, Clinical Trial Award - All applications must address at least one of the following FY14 PRORP Idea Development Award Focus Areas: 1. Identify and reduce the secondary health effects that follow reduced mobility from traumatic neuromusculoskeletal injury, excluding spinal cord injuries. The focus should be on injuries sustained prior to the age of 45 and secondary health effects that develop within 5 years of injury, 2. Strategies to inhibit neuremas at surgical/amputation sites...more areas in full solicitation.
Federal SBIR/STTR open solicitations

**DARPA Solicitations**

**Most Current 7 Days of DARPA Solicitations**

Hand Proprionception & Touch Interfaces - The HAPTIX program will develop new science and technology to achieve closed-loop control of dexterous mechatronic prostheses that will provide amputees with prosthetic limb systems that feel and function like natural limbs.

Innovative Systems for Military Missions - Tactical Technology Office - The Tactical Technology Office of the DARPA is soliciting executive summaries, white papers and proposals for advanced research and development of Innovative Systems for Military Missions. This solicitation seeks system and subsystem level technologies that enable revolutionary improvements to the efficiency and effectiveness of the military.

Collaborative Operations in Denied Environment - Darpa is soliciting innovative research proposals in the area of advanced collaborative autonomy for aerial platforms. Proposed research should investigate innovative approaches that enable revolutionary advances in algorithms and software, and, to a lesser extent, devices or systems.

System of Systems Integration Technology and Experimentation - DARPA is soliciting innovative research proposals to demonstrate that a system of systems approach can provide increased military effectiveness, cost, and adaptability necessary to maintain US air superiority in contested environments.

**DoD Solicitations**

**Most Current 7 Days of DoD Solicitations**

Maritime Technologies -- Virginia Contracting Activity is seeking to identify qualified sources that have the ability to meet government requirements for maritime sensing technologies. The scope and intent of this effort is to provide a taxonomy of sensing technologies and capabilities, including sensor platforms, power sources, and data storage and communication, that can be utilized to detect maritime and littoral, air, surface and subsurface items of interest.

**DOE Solicitations**

**Most Current 7 Days of DOE Solicitations**

Zero Emission Cargo Transport Demonstration - The U.S. DOE NETL is issuing this announcement to focus on accelerating the introduction and penetration of Zero Emission Carbon Transportation technologies. ZECT technologies are those that meet the definition of electric transportation technologies and that produce zero emissions from the transport vehicle (or other equipment) which propels cargo for all or large portions of their duty cycle.

Methane Observation Network With Innovative Technologies to Obtain Reductions - The goal of the MONITOR2 program is to support the development of disruptive approaches for methane emission detection and measurement that will enable widespread utilization and facilitate reductions in methane emissions.

Delivering Efficient Local Thermal Amenities - The DELTA program seeks to enable saving 2% of domestic energy use by funding the development of Localized Thermal Management System. LTMS modify the local thermal envelope around the human body rather than the building. This FOA presents a radical shift of thermal comfort management away from centralized building systems to distributed, local solutions.

**EPA Solicitations**

**Most Current 7 Days of EPA Solicitations**

Integrated Atmospheric Deposition Network - This RFA is expected to result in the award of one cooperative agreement to support the Integrated Atmospheric Deposition Network (IADN). IADN measures the concentrations of persistent toxic chemicals in Great Lakes air and precipitation. These measurements are used to track the effectiveness of toxic reduction efforts, determine loadings to the Great Lakes, and identify sources for additional reduction efforts. The goals of IADN are to track the overall effectiveness and prioritize future toxic reduction efforts.

HIV/AIDS Initiative for Minority Men - The AIMM Initiative will establish a comprehensive Integrated Center for Care and Supportive Services that employs evidence-based disease management and preventive health program and supportive services to reduce the transmision of HIV; address gaps and
fragmentation of HIV/AIDS treatment; reduce HIV/AIDS stigma and barriers to culturally and linguistically appropriate care; social determinants of health that impede treatment adherence; preventive opportunistic infections; and improve clinical outcomes for minority males living with HIV or at high risk for HIV infections.

Creation of Monoclonal Antibody Producing Chinese Hamster Ovary Cell Line for Research Purposes - The FDA requires creation of monoclonal antibody producing Chinese Hamster Ovary cell line for research purposes. The FDA is looking for a contractor that has the capability to produce an IgG1 secreting CHO DG44 cell line from FDA-designed gene sequences.

Disseminating and Implementing Evidence from Patient-Centered Outcomes Research in Clinical Practice Using Mobile Health Technology (R21) - This FOA invites applications for developmental research projects on using mobile health technology (mHealth) to facilitate the dissemination and implementation of findings from patient-centered outcomes research into clinical practice.

Post-Market Surveillance Evaluation of Authorized Generic Drug Products (U01) - The purpose of this study is to evaluate existing tools and to develop new methods to monitor the drug safety, efficacy, usage, and substitution patterns of model authorized generics in different therapeutic categories in comparison with those of brand name drugs and other generic drugs.

Effect of Therapeutic Class on Generic Drug Substitutions (U01) - This FOA invites applications for developmental research projects on using mobile health technology (mHealth) to facilitate the dissemination and implementation of findings from patient-centered outcomes research into clinical practice.

Federal SBIR/STTR open solicitations

Pharmacokinetic/Pharmacodynamic Studies of Methylphenidate Extended Release Products in ADHD Patients (U01) - The purpose of this project is to conduct a prospective PK/PD study in ADHD patients to link the PK profiles to the time-course of PD activity of methylphenidate extended release products in order to identify additional PK metrics (if any) that may impact the therapeutic equivalence of methylphenidate extended release products.

NASA Solicitations

Most Current 7 Days of NASA Solicitations

Battery Cell Testing -- The first step should be to perform the engineering evaluation tests before the qualification tests are carried out to confirm that the battery design is safe for space use. The qualification test confirms that the batteries pass the environmental tests and the flight acceptance tests shall be carried out after qualification tests have been completed.

Europa Mission Concepts Costing Less Than $1 Billion - NASA is seeking information regarding complete, low cost mission concepts for Europa exploration that meet the majority of science priorities from the Decadal Survey.

LEO Servicing Studies -- The study will provide information on the feasibility of using existing spacecraft buses or other flight vehicles for accessing Government satellites in Low Earth Orbit. Offerors interested in participating in these study contracts must demonstrate that their available spacecraft buses or other flight vehicles for accessing LEO currently exist and are available for a late CY 2015 payload integration to support the 2017 launch.

ROSES 2014: Carbon Monitoring System: Continuing Prototype Product Development, Research, and Scoping - The NASA Carbon Monitoring System is a forward-looking initiative designed to make significant contributions in characterizing, quantifying, understanding, and predicting the evolution of global carbon sources and sinks through improved monitoring of carbon stocks and fluxes.

ROSES 2014: Atmospheric Composition: Modeling and Analysis - The H-TIDeS program within the Atmospheric Composition Focus Area addresses the following science questions: How is atmospheric composition changing? What trends in atmospheric composition and solar radiation are driving global climate? How does atmospheric composition respond to and affect global environmental change? What are the effects of global atmospheric composition and climate changes on regional air quality? How will future changes in atmospheric composition affect ozone, climate, and global air quality?

ROSES 2014: Heliophysics Technology and Instrument Development for Science -- The H-TIDeS program within the Atmospheric Composition Focus Area addresses the following science questions: How is atmospheric composition changing? What trends in atmospheric composition and solar radiation are driving global climate? How does atmospheric composition respond to and affect global environmental change? What are the effects of global atmospheric composition and climate changes on regional air quality? How will future changes in atmospheric composition affect ozone, climate, and global air quality?

ROSES 2014: Atmospheric Theory Program - Proposals submitted for this program must both: 1. be directly relevant to space astrophysics goals by facilitating the interpretation of data from space astrophysics missions or by leading to predictions that can be tested with space astrophysics observations; and 2. consist predominantly of theoretical astrophysics studies or the development of theoretical astrophysics models.

NAVY Solicitations

Most Current 7 Days of NAVY Solicitations

Research and Development in EO and IR for Advanced Reconnaissance and Electronic Warfare Prototypes for Navy/Marine Corps Tactical Aircraft -- The purpose of this contract is to provide personnel to perform research, development, and test of improvements to EW and ISR systems such as AAR-47 Missile Warning System, AAQ-24 Directional IR Countermeasures, TADIRCM, and DoN Large Aircraft Countermeasures and Shared Reconnaissance Pod, ANGEL Fire, and DB-WAPSS, respectively, and new VIS/EoIR ISR systems for the Optical Sciences Division (NRL Code 5600) in the areas described in the full solicitation.


NIH Solicitations

Most Current 7 Days of NIH Solicitations

Epidemiology and Prevention in Alcohol Research (R03), (R21), (R01) - This FOA encourages the submission of investigator-initiated research grant applications to support research investigating the epidemiology of alcohol use, alcohol-related harms, and alcohol use disorders and the prevention of under age drinking, alcohol-related harms, and alcohol use disorders.
**Federal SBIR/STTR open solicitations**

**Exploratory Clinical Trial Grants in Arthritis and Musculoskeletal and Skin Diseases (R21)** - The goal of this FOA is to foster the development and implementation of intervention trials aimed at providing clinically meaningful improvements in symptoms, function or disease course for patients with rheumatic, musculoskeletal or skin diseases.

**Genomic Resource Grants for Community Resource Projects (U41)** - Awards under this FOA will support the development and distribution of genomic resources that will be available to and valuable for the broad research community, using cost-effective approaches.

**Limited Competition: Centers of Biomedical Research Excellence (COBRE) Phase III - Transitional Centers (P30)** - The purpose of this FOA is to transition the core resources and biomedical research activities of Centers of Biomedical Research Excellence (COBRE) into independence and sustainability.

**In Vitro Metabolism and Metabolite Quantification** - The NIDA intends to solicit proposals from qualified businesses to provide in vitro metabolism and permeability determinations for its medications development program in support of the Division of Pharmacotherapies and Medical Consequences of Drug Abuse.

**Centers of Excellence in Genomic Science (CEGS) (RM1)** - The Centers of Excellence in Genomic Sciences program establishes academic Centers for advanced genome research. Each CEGS grant supports a multi-investigator, interdisciplinary team to develop innovative genomic approaches to address a particular biomedicical problem. A CEGS project will address a critical issue in genomic science or genomic medicine, proposing a solution that would be a very substantial advance.

**Morris K. Udall Centers of Excellence for Parkinson’s Disease Research (P50)** - The overarching goal of the Udall Centers program is to establish a network of Centers that work collaboratively as well as independently to define the causes and develop improved treatments for Parkinson’s disease (PD).

**Planning Grant for Global Infectious Disease Research Training Program (D71)** - This FOA encourages applications for the Global Infectious Disease Research Training Program from U.S. and low- and middle-income country institutions. The application should propose a collaborative research training program that will strengthen the capacity of an LMIC institution to conduct infectious disease (excluding HIV/AIDS and select agents).

**NLM Information Resource Grants to Reduce Health Disparities (G08)** - This FOA solicits resource grant applications for projects that will bring useful, usable health information to health disparity populations and their health care providers.

**Accelerating Medicines Partnership in Type 2 Diabetes (U01)** - The AMP T2D-GENES will build on and expand the previous work of the T2D GENES consortium. The aim of the consortium is to characterize the genetic variations in human genomic regions that have been putatively associated with type 2 diabetes and conduct follow-up functional studies of particular genetic variants.

**NIH Research Evaluation and Commercialization Hub Awards (U01)** - The NIH Research Evaluation and Commercialization Hub program will support proof-of-concept centers (Hubs) that facilitate and accelerate the translation of biomedical innovations into commercial products that improve patient care and enhance health.

**Complex Technologies and Therapeutics Development for Mental Health Research and Practice (R43/R44), (R41/R42)** - The overarching goal of the SBIR program at the NIMH is to support small businesses to develop and disseminate evidence-based mental health care.

**NSF Solicitations**

**Most Current 7 Days of NSF Solicitations**

**Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants** -- The Biological Anthropology Program supports multi-faceted research which advances scientific knowledge of human biology and ecology, including understanding of our evolutionary history and mechanisms which have shaped human and nonhuman primate biological diversity.

**Wireless Innovation between Finland and the US - Proposals** - Proposals are solicited for joint US-Finland foundational and transformative research in the area of wireless networking. Reflecting the funding priorities of each participat- ing NSF division as well as those of Tekes and the Academe of Finland, this program seeks research projects on novel frameworks, architectures, protocols, methodologies and tools for the design and analysis of robust and highly dependable wireless networks, including cognitive radio networks.

**USAID Solicitations**

**Most Current 7 Days of USAID Solicitations**

**BAA for Advancement of Technologies in Equipment for Use by U.S. Special Operations Forces** - USAOCOM is interested in receiving white papers from all responsible sources from industry, academia, individuals, and Government laboratories capable of providing the design, construction, and testing of SOF related technologies. The intent is to accelerate the delivery of innovative capabilities to the SOF warfighter.
New York SBDC FAST program

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