NEW GRANT OPPORTUNITIES/AGENCY NOTICES
September 11, 2019

NEW GRANTS

Science and Technology

National Science Foundation
NSF INCLUDES Planning Grants
Funding Opportunity Number: 19-600
Application Deadline: Dec 03, 2019
Estimated Maximum Total Value: $3,000,000
Estimated Number of Awards: 30
Summary
(a) facilitate innovative partnerships, networks, and theories of action for broadening participation in science, technology, engineering, and mathematics (STEM) at scale and (b) lead to the establishment of future centers, alliances, or other large-scale networks to address a broadening participation challenge. While this solicitation is open to all, NSF INCLUDES Design and Development Launch Pilots are especially encouraged to apply, as a Planning Grant could serve as an intermediate conduit for bringing their exploratory pilotwork to scale
Link: 19-600

National Science Foundation
Oceanographic Facilities and Equipment Support
Funding Opportunity Number: 19-602
Application Deadline: Dec 16, 2019
Estimated Maximum Total Value: $8,500,000
Maximum Total Value Per Award: $8,500,000
Estimated Number of Awards: 75
Summary
The NSF Ship Operations Program provides support for costs associated with the operation and maintenance of vessels in the U.S. Academic Research Fleet (ARF). Allowable costs include salaries and related expenses of crew members and marine operations staff; acquisition of minor or expendable equipment; maintenance, overhaul and repairs; insurance; and direct operating costs such as fuel, food, supplies, travel, and pilot and agent fees. Shore-side facilities and support costs are provided only to the extent that they relate directly to ship operations. Ship Operations support requests must be directly attributable to NSF-sponsored science.
Link: 19-602

National Science Foundation
Improving Undergraduate STEM Education: Education and Human Resources
Funding Opportunity Number: 19-601
Application Deadline: Dec 04, 2019
Estimated Maximum Total Value: $63,000,000
Maximum Total Value Per Award: $63,000,000
Summary

The National Science Foundation (NSF) plays a leadership role in developing and implementing efforts to enhance and improve STEM education in the United States. Through the NSF Improving Undergraduate STEM Education (IUSE) initiative, the agency continues to make a substantial commitment to the highest caliber undergraduate STEM education through a Foundation-wide framework of investments. The IUSE: EHR is a core NSF STEM education program that seeks to promote novel, creative, and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students.

Link: 19-601

National Science Foundation
Secure and Trustworthy Cyberspace
Funding Opportunity Number: 19-603
Application Deadline: Proposals accepted anytime
Estimated Maximum Total Value: $53,000,000
Maximum Total Value Per Award: $1,200,000
Summary

The RDSP identified six areas critical to successful cybersecurity research and development: (1) scientific foundations; (2) risk management; (3) human aspects; (4) transitioning successful research into practice; (5) workforce development; and (6) enhancing the research infrastructure. The NPRS, which complements the RDSP, identifies a framework for privacy research, anchored in characterizing privacy expectations, understanding privacy violations, engineering privacy-protecting systems, and recovering from privacy violations.

Link: 19-603

National Aeronautics and Space Administration
NASA SPACE TECHNOLOGY GRADUATE RESEARCH OPPORTUNITIES - FALL 2020 (NSTGRO20)
Funding Opportunity Number: 80HQTR19NOA01-20NSTGRO-B4
Application Deadline: Nov 05, 2019
Maximum Total Value Per Award: $80,000
Summary

NASA’s Space Technology Mission Directorate (STMD) seeks to sponsor U.S. citizen, U.S. national, and permanent resident graduate student research that has significant potential to contribute to NASA’s goal of creating innovative new space technologies for our Nation’s science, exploration, and economic future.

Link: 80HQTR19NOA01-20NSTGRO-B4

Department of Defense/Naval Research Laboratory
NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research
Funding Opportunity Number: N00173-19-S-BA01
Application Deadline: Sep 05, 2020
Summary

NRL is interested in receiving proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. Readers should note that this is an announcement to declare NRL’s broad role in competitive funding of meritorious research across a spectrum of science and engineering.
Department of Agriculture/Natural Resources Conservation Service
Announcement for Program Funding for NRCS’s Regional Conservation Partnership Program (RCPP) for Federal Fiscal Year (FY) 2019
Funding Opportunity Number: USDA-NRCS-NHQ-RCPP-19-GEN0010372
Application Deadline: Dec 03, 2019
Estimated Maximum Total Value: $300,000,000
Maximum Total Value Per Award: $10,000,000
Estimated Number of Awards: 80
Summary
Through RCPP, NRCS seeks to co-invest with partners to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.

Department of Energy/ Headquarters
MINORITY EDUCATION, WORKFORCE, AND TRAINING PROGRAM
Funding Opportunity Number: DE-FOA-0002042
Application Deadline: Oct 07, 2019
Estimated Maximum Total Value: $4,000,000
Maximum Total Value Per Award: $475,000
Estimated Number of Awards: 10
Summary
The MEWT Program is designed to foster collaboration amongst MSIs, MBEs, DOE program offices, industry, state and local government agencies and other federal agencies to increase engagement and capabilities of underserved communities within STEM and energy fields.

Law, Justice
Department of Justice/ National Institute of Corrections
All Health Authority Training
Funding Opportunity Number: 19PR06
Application Deadline: Sep 23, 2019
Estimated Maximum Total Value: $175,000
Maximum Total Value Per Award: $175,000
Estimated Number of Awards: 1
Summary
THIS IS NOT A REQUEST FOR APPLICATIONS. This announcement is to provide public notice of the National Institute of Corrections to continue the project award 17A02GKX6.

Link: N00173-19-S-BA01

Link: USDA-NRCS-NHQ-RCPP-19-GEN0010372

Link: DE-FOA-0002042

Link: 19PR06
Department of Justice/ National Institute of Corrections
Safety Matters: Managing Relationships in Women's Facilities
Funding Opportunity Number: 19CS13
Application Deadline: Sep 16, 2019
Estimated Maximum Total Value: $100,000
Maximum Total Value Per Award: $100,000
Estimated Number of Awards: 1
Summary
THIS IS NOT A REQUEST FOR APPLICATIONS. This announcement is to provide public notice of the National Institute of Corrections to continue the project award 18CS27GKZ3.
Link: 19CS13

Health
National Institutes of Health/ National Institute of Allergy and Infectious Diseases
Myeloid-Derived Suppressor Cells (MDSCs) as Potential Therapeutic Targets in TB/HIV (R21 Clinical Trial Not Allowed)
Funding Opportunity Number: PAR-19-364
Application Deadline: Jan 10, 2022
Maximum Total Value Per Award: $200,000
Summary
The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for support of innovative clinical, preclinical and non-clinical research to determine the potential of MDSCs as a target for host-directed therapeutics for tuberculosis in the context of HIV co-infection, and to better understand the role of host-induced immunosuppression in the progression of Mycobacterium tuberculosis pathogenesis.
Link: PAR-19-364

National Institutes of Health/ National Institute of Allergy and Infectious Diseases
Planning Grant for Global Infectious Disease Research Training Program (D71 No Clinical Trials Allowed)
Funding Opportunity Number: PAR-19-362
Application Deadline: Oct 28, 2021
Maximum Total Value Per Award: $100,000
Summary
1) Design a Global Infectious Disease (GID) Research Training Program in collaboration with U.S. collaborators and 2) Strengthen LMIC faculty and prepare advanced courses and training resources for the program envisioned at the LMIC institution. The application should propose a collaborative process to create a new training program that will strengthen the capacity of the LMIC institution to conduct infectious disease research.
Link: PAR-19-362

National Institutes of Health/ National Institute of Allergy and Infectious Diseases
NIAID Career Transition Award (K22 Independent Clinical Trial Not Allowed)
Funding Opportunity Number: PAR-19-371
Application Deadline: Jan 07, 2022
Summary
The purpose of the NIAID Career Transition Award (CTA) program is to assist postdoctoral fellows' transition to positions of assistant professor or equivalent and initiate a successful biomedical career as an independent research scientist.

Link: PAR-19-371

**National Institutes of Health/ National Heart, Lung, and Blood Institute**

**Trans-Agency Blood-Brain Interface Program (R61/R33 - Clinical Trials Not Allowed)**

Funding Opportunity Number: RFA-HL-20-021
Application Deadline: Dec 21, 2021
Maximum Total Value Per Award: $425,000

Summary

The purpose of this Funding Opportunity Announcement (FOA) is to support high risk/high reward research on the blood/vascular component and regulation of the neurovascular-blood unit (a.k.a., Blood-Brain Barrier; BBB) in normal and pathological states to create enhanced/modified platforms that more closely model the human BBB. Research addressing vascular, hemostatic, hematopoietic, and/or immune cell interaction across the Blood-Brain Interface is of particular interest

Link: RFA-HL-20-021

**HHS/ Centers for Disease Control and Prevention**

**ERA Natural Experiments of the Impact of Population-targeted Policies to Prevent Type 2 Diabetes and Diabetes Complications**

Funding Opportunity Number: RFA-DP-20-002
Application Deadline: Feb 04, 2020
Estimated Maximum Total Value: $12,500,000
Maximum Total Value Per Award: $450,000
Estimated Number of Awards: 6

Summary

This NOFO is designed to promote rigorous study of high impact programs and policy interventions for prioritization in the public health response to prevent type 2 diabetes and diabetes complications. This NOFO has two components, A and B. Component A (Natural Experiment Research Centers): To support a 5-year multi-center network of independent research centers to evaluate innovative, health system and non-health system-based natural experimental approaches to alter the diabetogenic characteristics of US communities

Link: RFA-DP-20-002

**HHS/ Centers for Disease Control and Prevention**

**ERA Assessing the Burden of Diabetes By Type in Children, Adolescents and Young Adults (DiCAYA)**

Funding Opportunity Number: RFA-DP-20-001
Application Deadline: Jan 04, 2020
Estimated Maximum Total Value: $15,000,000
Maximum Total Value Per Award: $400,000
Estimated Number of Awards: 11

Summary

The purpose of this Notice of Funding Opportunity Announcement (NOFO) is to conduct surveillance to assess the incidence and prevalence of diabetes among children, adolescents and young adults in the United States and
provide estimates by diabetes type, age, sex, race/ethnicity and geographic area. This NOFO has three (3) components to achieve the purpose of the program • Component A focuses on surveillance of incidence and prevalence of diabetes among children and adolescents (<18 years). • Component B focuses on surveillance of incidence and prevalence of diabetes among young adults (18 to <45 years).

HHS/ Centers for Disease Control and Prevention
ERA Using Longitudinal Data to Characterize the Natural History of Fragile X Syndrome to Improve Service and Outcome
Funding Opportunity Number: RFA-DD-20-001
Application Deadline: Jan 09, 2020
Estimated Maximum Total Value: $550,000
Maximum Total Value Per Award: $350,000
Estimated Number of Awards: 2
Summary
The purpose of the NOFO is to contribute to the characterization of the population with fragile X syndrome (FXS) and to assess the impact of the condition on the health and quality of life of those affected across their lifespan. This NOFO will support the following components: Component A The purpose of Component A is to maintain the current FORWARD dataset, to coordinate efforts to expand the age range covered by this dataset to enable researchers to describe the natural history of FXS across the lifespan and to characterize the long-term impact of interventions and treatments on both health outcomes and quality of life. Component B The purpose of Component B is to support a Data Coordinating Center that will receive, process, and analyze the data from patients, parents, clinicians, and laboratories as reported from clinics participating in the FORWARD longitudinal database and from other sources.

National Institutes of Health/ National Institute on Drug Abuse
The National Drug Abuse Treatment Clinical Trials Network (UG1 Clinical Trial Required)
Funding Opportunity Number: RFA-DA-20-024
Application Deadline: Nov 15, 2019
Estimated Maximum Total Value: $10,000,000
Maximum Total Value Per Award: $500,000
Estimated Number of Awards: 13
Summary
NIDA intends to continue to develop and test interventions for addressing the wide spectrum of substance use problems via collaborative partnerships among NIDA, clinical research investigators, healthcare providers, and healthcare institutions.

HHS/ Health Resources and Services Administration
AIDS Drug Assistance Program (ADAP) Emergency Relief Funds (ERF)
Funding Opportunity Number: HRSA-20-066
Application Deadline: Nov 04, 2019
Estimated Maximum Total Value: $65,000,000
Estimated Number of Awards: 30
Summary

Intended for states/territories that demonstrate the need for additional resources to prevent, reduce, or eliminate ADAP waiting lists, including through cost-containment measures (for example, the provision of health insurance assistance). HRSA will base ADAP ERF awards upon applicants’ ability to successfully demonstrate need for additional funding. An external objective review committee (ORC) will evaluate this need based on criteria published in this notice of funding opportunity (NOFO), with priority given to addressing existing waiting lists. HRSA first funded the ERF initiative in August 2010, when numerous states/territories were experiencing ADAP waiting lists.

Link: HRSA-20-066

HHS/ National Institutes of Health

Notice of Intent to Publish Reissuance of RFA-OD-19-019 "Tobacco Regulatory Science (R01 Clinical Trial Optional)"

Funding Opportunity Number: NOT-OD-19-130
Application Deadline: Aug 11, 2020
Estimated Maximum Total Value: $4,000,000
Maximum Total Value Per Award: $300,000
Estimated Number of Awards: 8

Summary
to inform the research community that the National Institutes of Health (NIH) Tobacco Regulatory Science Program (TRSP), participating NIH Institutes, and the United States Food and Drug Administration (FDA) Center for Tobacco Products (CTP) intend to reissue the Funding Opportunity Announcement (FOA) RFA-OD-19-019 "Tobacco Regulatory Science (R01 Clinical Trial Optional)."

Link: NOT-OD-19-130

National Institutes of Health/ National Cancer Institute

Integration of Imaging and Fluid-Based Tumor Monitoring in Cancer Therapy (R01 Clinical Trial Optional)

Funding Opportunity Number: PAR-19-363
Application Deadline: May 07, 2021
Maximum Total Value Per Award: $499,999

Summary
Seeks research project (R01) grant applications describing projects that integrate imaging and fluid-based tumor monitoring (liquid biopsy) assays during cancer therapy in patients to determine the optimal use of those modalities in the characterization of therapy response and/or emergence of resistance.

Link: PAR-19-363

National Institutes of Health/ National Cancer Institute

Revision Applications for Mechanisms of Drug Resistance (U54 Clinical Trials Not Allowed)

Funding Opportunity Number: RFA-CA-19-051
Application Deadline: Jun 23, 2021
Maximum Total Value Per Award: $250,000

Summary
The purpose of this FOA is to support the addition of new aims and directions to currently funded NCI U54 Resource-Related Research Projects on underlying mechanisms of resistance, preclinical design and foster
development of single or combination therapies to effectively target resistant/refractory tumors and/or their microenvironment at the clinical level.

Link: RFA-CA-19-051

HHS/ Eunice Kennedy Shriver National Institute of Child Health and Human Development
Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)
Funding Opportunity Number: RFA-HD-20-020
Application Deadline: Nov 01, 2019
Maximum Total Value Per Award: $200,000
Summary
The goal of this initiative is to continue the encouragement of the scientific community to utilize HIV/AIDS archived data sets and specimen collections to answer important questions about the epidemiology, pathogenesis, treatment, clinical manifestations and complications of HIV/AIDS in maternal, pediatric and adolescent populations.

Link: RFA-HD-20-020

National Institutes of Health/ National Institute on Aging
Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium Clinical Research Centers (U01 Clinical Trial Optional)
Funding Opportunity Number: RFA-DK-19-015
Application Deadline: Nov 07, 2019
Maximum Total Value Per Award: $450,000
Summary
The Prevention of Lower Urinary tract Symptoms (PLUS) Research Consortium will use qualitative and quantitative strategies to conduct collaborative, transdisciplinary studies to establish the scientific basis for future intervention studies to promote bladder health and prevent lower urinary tract symptoms (LUTS) and associated bladder conditions such as bladder infections, urinary incontinence, voiding dysfunction, overactive bladder and interstitial cystitis/bladder pain syndrome in adolescent and adult women across the life course.

Link: RFA-DK-19-015

National Institutes of Health/ National Institute of Dental and Craniofacial Research
NIDCR Small Grant Program for New Investigators (R03 Clinical Trial Not Allowed)
Funding Opportunity Number: PAR-19-370
Application Deadline: Sep 07, 2022
Maximum Total Value Per Award: $100,000
Summary
The NIDCR Small Grant Program for New Investigators (R03) supports basic and clinical research conducted by scientists who are in the early stages of establishing an independent research career in oral, dental and craniofacial research. This program supports pilot or feasibility studies and developmental research projects with the intention of obtaining sufficient preliminary data for a subsequent investigator initiated Research Project Grant (R01) or equivalent application.

Link: PAR-19-370
National Institutes of Health/ National Heart, Lung, and Blood  
Catalyze: Product Definition for Small Molecules and Biologics - Preliminary Product/Lead Series Identification (R33 - Clinical Trial Not Allowed)  
Funding Opportunity Number: RFA-HL-20-027  
Application Deadline: Aug 11, 2021  
Estimated Maximum Total Value: $3,800,000  
Maximum Total Value Per Award: $350,000  
Estimated Number of Awards: 13  
Summary  
This Funding Opportunity Announcement (FOA) will provide the early stage translational support needed to identify a lead compound series toward development of potential therapeutic agents to treat heart, lung, blood, and sleep diseases and disorders  
Link: RFA-HL-20-027

National Institutes of Health/ National Institute of General Medical Sciences  
Institutional Research and Academic Career Development Awards (IRACDA) (K12 - Independent Clinical Trial Not Allowed)  
Funding Opportunity Number: PAR-19-366  
Application Deadline: Oct 01, 2021  
Summary  
Provides support for a mentored postdoctoral research experience at a research-intensive institution combined with an opportunity to develop critical teaching and mentoring skills at a teaching-intensive partner institution with a diverse student population.  
Link: PAR-19-366

National Institutes of Health  
Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs  
Development of Animal Models and Related Biological Materials for Research (R21 Clinical Trial Not Allowed)  
Funding Opportunity Number: PAR-19-369  
Application Deadline: May 07, 2021  
Maximum Total Value Per Award: $200,000  
Summary  
This funding opportunity announcement (FOA) encourages innovative research to develop, characterize, and improve animal models, biological materials, and novel technologies to better understand human health and disease.  
Link: PAR-19-369

International

US Agency for International Development  
USAID/Uganda Voluntary Family Planning for Improved Reproductive Health and Development (FP4HD) Activity  
Funding Opportunity Number: 72061719RFA00005  
Application Deadline: Sep 30, 2019  
Estimated Maximum Total Value: $24,000,000
Maximum Total Value Per Award: $24,000,000
Estimated Number of Awards: 1
Summary
USAID/Uganda seeks to award a five-year, approximately $24 million cooperative agreement to increase the adoption of positive reproductive health behaviors. This award is designed to accelerate progress towards Government of Uganda’s Vision 2040 goals (Resource Link 7) of becoming a middle-income country.

Link: 72061719RFA00005

US Agency for International Development
Catalyzing Private Investment BAA Addendum 03
Funding Opportunity Number: BAA-OAA-PCM-2019
Application Deadline: Oct 04, 2019
Estimated Number of Awards: 25
Summary
In Addendum Number 03 to the Catalyzing Private Investment BAA, USAID seeks partners to research, design, develop, test and evaluate approaches for supporting USAID MBIOs to facilitate private-sector financing for development priorities. The objective is to expand and diversify the partner base that can facilitate testing and scaling of a variety of financing instruments and meet a broad spectrum of financing needs in terms of transaction size and focus to support a country’s journey to self-reliance.

Link: BAA-OAA-PCM-2019

Department of State/ U.S. Mission to Ukraine
Emerging Donors Challenge Program (EDCP) Round 7
Funding Opportunity Number: 01
Application Deadline: Oct 03, 2019
Estimated Maximum Total Value: $500,000
Maximum Total Value Per Award: $100,000
Summary
The U.S. Department of State Office of the Assistance Coordinator for Europe and Eurasia (EUR/ACE) has launched the seventh round of the EDCP to continue building U.S. foreign assistance partnerships with 11 emerging donor governments in Central and Eastern Europe: Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, and Slovenia.

Link: 01

NOTICES

Department of Energy
Request for Nominations: Establishment of the National Quantum Initiative Advisory Committee
The Secretary of Energy is requesting nominations for membership to the Committee. The Committee will provide advice and recommendations to the President, Secretary of Energy, and the National Science and Technology Council’s Subcommittee on Quantum Information Science (SCQIS) on the National Quantum Initiative (NQI). This advice will
include assessments of trends and developments in quantum information science and technology (QIST), implementation and management of the NQI, whether NQI activities are helping to maintain United States leadership in QIST, whether program revisions are necessary, what opportunities exist for international collaboration and open standards, and whether national security and economic considerations are adequately addressed by the NQI. The Secretary of Energy, with input from the Director of the Office of Science and Technology Policy or the Director’s designee (as co-chair of the Committee), will consider nominations received in response to this notice. See notice for Description of Committee Member Duties and Structure of Advisory Committee. Nominations due October 4, 2019

Federal register

Department of Defense/Joint Program Committee-6 (JPC-6), Combat Casualty Care Research Program (CCCRP)

In collaboration with the National Heart, Lung, and Blood Institute (NHLBI) announce a to promote a new initiative to establish a trans-agency program to support collaborations between hematologists/vascular experts, neuroscientists, and blood-brain barrier (BBB) tissue chip developers for high risk/high reward research to create enhanced/modified platforms that more closely model the human BBB. The first application due date is December 2, 2019

RFA-HL-20-021

HHS/Office of Disease Prevention and Health Promotion

Call for Nominations: President’s Council on Sports, Fitness & Nutrition Science Board Membership

National Institute of Standards and Technology

Comment Request: Preliminary Draft of the NIST Privacy Framework. NIST seeks comments on the framework developed in collaboration with public and private stakeholders. It is intended for voluntary use to help organizations better identify, assess, manage, and communicate privacy risks when designing or deploying systems, products, and services. Comments Due: 10/24/2019

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