NEW GRANT OPPORTUNITIES/AGENCY NOTICES
August 13, 2019

NEW GRANTS

Science and Technology

Department of Defense
Minerva Research Initiative
Funding Opportunity Number: WHS-AD-FOA-DECUR-19
Application Deadline: Nov 19, 2019
Estimated Maximum Total Value: $2,000,000
Maximum Total Value Per Award: $2,000,000
Estimated Number of Awards: 6

Summary
The Office of the Secretary of Defense (OSD) is interested in receiving proposals for the Minerva Research Initiative’s (Minerva) Defense Education and Civilian University Research (DECUR) Partnership (https://minerva.defense.gov). The DECUR Partnership aims to develop collaborative basic research partnerships between Professional Military Education (PME) Institutions and Civilian Research Universities by supporting fundamental scientific research that improves the capacity of security-related basic social science research and education.

The Minerva Research Initiative competition is for research related to nine (9) topics listed below. Innovative white papers and proposals related to these research areas are highly encouraged. Detailed descriptions of the interest areas—which are intended to provide a frame of reference and are not meant to be restrictive—can be found in Section IX, “Minerva Topics.”

Topic 1: Peer/Near-peer Statecraft, Influence, and Regional Balance of Power
Topic 2: Power, Deterrence, and Escalation Management
Topic 3: Alliances and Burden Sharing
Topic 4: Economic Interdependence and Security
Topic 5: Economic Viability, Resilience, and Sustainability of Logistics Infrastructure
Topic 6: Multi-Domain Behavioral Complexity and Computational Social Modeling
Topic 7: Autonomy, Artificial Intelligence, Machine Ethics, and Social Interactions
Topic 8: Models and Methods for Understanding Covert Online Influence
Topic 9: Automated Cyber Vulnerability Analysis

Link: WHS-AD-FOA-DECUR-19

Defense Threat Reduction Agency
Improvised Threats Defeat and Detect Broad Agency Announcement
Solicitation Number: HDTRA11950006
This BAA is in effect from August 15, 2019 through August 14, 2024. It is open continuously for submissions to the R&D Technology Areas (TA) during this time.
Summary

The DTRA Counter Improvised Threat Department (RD-TT) is seeking solutions for detecting and defeating improvised threats. This BAA is an extramural endeavor focused on innovative research and development activities and related study efforts that advance technical state-of-the-art or increase knowledge and understanding of overarching challenges for countering improvised threats. In addition to R&D referenced above, RD-TT is seeking new integrations of existing and developing technologies, innovative applications of current capabilities, and new technology employment techniques which enable more effective detect and/or defeat of improvised threats.

Defense Advanced Research Projects Agency
Symbiotic Design for Cyber Physical Systems
Solicitation Number: HR001119S0083
Response Date: Oct 07, 2019

DARPA is soliciting innovative research proposals in the area of AI-based approaches for design of military-relevant cyber-physical systems (CPS). Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems.

Defense Advanced Research Projects Agency
CRANE - Control of Revolutionary Aircraft with Novel Effectors
Solicitation Number: HR001119S0072
Response Date: Nov. 8, 2019

This BAA seeks full proposals for Phase 0 and a fully priced option for Phase 1. Phase 0 focuses on the aircraft design process and trade space development via the exploration of multiple configurations by each performer and concluding with a Conceptual Design Review (CoDR). Phase 1 continues the maturation of up to two concepts with the expectation of component level testing and demonstrations to inform a System Requirement Review (SRR), Preliminary Design Review (PDR), and down selection to a single performer/single concept for Phase 2/3 funding.

Defense Advanced Research Projects Agency
FOcal arrays for Curved Infrared Imagers (FOCII)
Solicitation Number: HR001119S0078
Response Date: Oct. 18, 2019

DARPA MTO is soliciting research and development proposals for the FOcal arrays for Curved Infrared Imagers (FOCII) program to 1) curve existing state of the art large area (= 55mm diagonal), high resolution, state of the art cryogenically cooled mid- and/or longwave infrared focal plane arrays to a spherical radius of curvature of 70mm, and 2) curve smaller arrays (35mm diagonal) to an extreme 12.5mm spherical radius of curvature.

National Science Foundation
Long-Term Ecological Research
Funding Opportunity Number: 19-593
Application Deadline: Mar 05, 2020
Estimated Maximum Total Value: $11,877,000
Summary
The proposed research must be organized around a suite of compelling questions that deepen understanding of ecological processes and require uninterrupted, long-term collection, analysis, and interpretation of environmental data. LTER research should be developed around a conceptual framework that motivates questions requiring experiments and observations over long time frames. The conceptual framework should explicitly justify the long-term question(s) posited by the research and it should identify how data in LTER core areas and any experimental work contribute to an understanding of the question(s) while testing major ecological theories or concepts.

National Science Foundation
Long-Term Ecological Research: New Urban Site
Funding Opportunity Number: 19-594
Application Deadline: Jun 15, 2020
Estimated Maximum Total Value: $7,126,200
Summary
NSF invites proposals to establish a new urban LTER site to enhance the scope and disciplinary breadth of the LTER Program and to complement research carried out at current sites. A proposal may be submitted for a site for which long-term data exist or for a site that requires an entirely new effort. Use of existing federal and state facilities, and collaboration with other long-term research sites or programs are encouraged. Prospective investigators may wish to contact current LTER Principal Investigators to learn more about the structure and management of an LTER site.

National Science Foundation
Antarctic Research
Funding Opportunity Number: 19-595
Application Deadline: Proposals accepted anytime
Estimated Maximum Total Value: $55,000,000
Summary
The Antarctic Sciences Section (ANT) of the Office of Polar Programs (OPP) supports cutting-edge research that (1) expands fundamental knowledge of the Antarctic and the natural laboratory it represents across a range of disciplines, (2) improves understanding of interactions between the Antarctic and Southern Ocean region and Earth system, and (3) utilizes the unique characteristics of the Antarctic continent as an observing platform. The U.S. Antarctic Program (USAP) supports scientific research in Antarctica and the Southern Ocean with logistics provided by OPP’s Antarctic Infrastructure and Logistics Section (AIL). Antarctic fieldwork is supported only for research that must be performed, or is best performed, in Antarctica. ANT encourages research, using existing samples, data, and models, that does not require fieldwork. ANT also encourages research that crosses and combines, disciplinary perspectives and approaches.

Department of Agriculture
National Institute of Food and Agriculture Specialty Crop Research Initiative Pre-Applications
Funding Opportunity Number: USDA-NIFA-SCRI-006810

Legislative and Executive Branch Solutions | Strategic Communications | Coalition Building | Intelligence Gathering
Summary

- Research in plant breeding, genetics, genomics, and other methods to improve crop characteristics
- Efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators
- Efforts to improve production efficiency, handling and processing, productivity, and profitability over the long term (including specialty crop policy and marketing)
- New innovations and technology, including improved mechanization and technologies that delay or inhibit ripening
- Methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production efficiency, handling and processing of specialty crops.

Link: USDA-NIFA-SCRI-006810

National Aeronautics and Space Administration
University Student Research Challenge
Funding Opportunity Number: NNH19ZEA001N-USRC
Application Deadline: Oct 30, 2019
Summary

The process of creating and preparing a crowdfunding campaign acts as a teaching accelerator - requiring students to act like entrepreneurs and taking action. Crowdfunding also raises awareness about students’ research among the public. The solicitation goal can be accomplished through project ideas such as advancing the design, developing technology or capabilities in support of aviation, by demonstrating a novel concept, or enabling advancement of aeronautics-related technologies. There have been a number of changes from the previous USRC pilot project, including NASA providing a larger share of funds and half of that being provided upfront

Link: NNH19ZEA001N-USRC

Department of Energy/Advanced Research Projects Agency Energy
Energy-Efficient Technologies for Automated Vehicles (AVs)
Funding Opportunity Number: DE-FOA-0002163
Application Deadline: Sep 16, 2019
Estimated Maximum Total Value: $1
Maximum Total Value Per Award: $1
Estimated Number of Awards: 1
Summary

The purpose of this RFI is solely to solicit input for ARPA-E’s consideration to inform the possible formulation of future research, development, and commercialization programs intended to reduce the energy burden of future automotive transportation, specifically with regard to the deployment of high-efficiency AVs. ARPA-E will not provide funding or compensation for any information submitted in response to this RFI, and ARPA-E may use information submitted to this RFI on a non-attribution basis. This RFI provides the broader research and development community with an opportunity to contribute information, views and opinions regarding the state of the art and the future development of highly energy-efficient vehicle technologies for L4-L5 AVs. Based on the
input provided in response to this RFI and other considerations, ARPA-E may decide to issue a FOA. If a FOA is
published, it will be issued under a new FOA number. No FOA exists at this time. ARPA-E reserves the right to
not issue a FOA in this area.

Link: [DE-FOA-0002163](#)

**Health**

**Department of Defense/ Dept. of the Army -- USAMRAA**

**DoD Reconstructive Transplant Research Program, Qualitative Research Award**

Funding Opportunity Number: W81XWH-19-RTRP-QRA
Application Deadline: Oct 16, 2019
Estimated Maximum Total Value: $3,000,000
Estimated Number of Awards: 2

**Summary**

To support multi-institutional partnerships for qualitative research studies that will help researchers and
clinicians better understand the experiences of individuals involved in the reconstructive transplant process. This
includes those who are considering, or who have already received, reconstructive transplant surgery and/or the
reality of lifelong immunosuppression, as well as caregivers, potential donors and their families, and clinicians.
This understanding will, in turn, support the ultimate goal of improving transplant outcomes and the quality of
life for individuals who receive these life-changing procedures.

Link: [W81XWH-19-RTRP-QRA](#)

**HHS/ Eunice Kennedy Shriver National Institute of Child Health and Human Development**

**Technologies to Advance Precision Medicine Diagnosis and Treatment of Infertility, Reproductive Tract and
Gynecologic Disorders Affecting Fertility (R43/R44 Clinical Trial Optional)**

Funding Opportunity Number: RFA-HD-20-010
Application Deadline: Dec 03, 2019
Estimated Maximum Total Value: $2,000,000

**Summary**

The purpose of this FOA is to encourage small businesses to collaborate with scientists and clinicians in the fields
of female and male reproductive health, infertility, andrology, and/or gynecology to adapt discoveries in omics
technologies such as genomics, epigenomics and metabolomics, as well as identification of disease biomarkers
to the development of new devices, assays, digital apps, or technologies to improve the specificity of diagnosis
and clinical care of infertility and to advance the application of precision medicine to reproductive health.

Link: [RFA-HD-20-010](#)

**HHS/ National Institute on Aging**

**Limited Competition: Renewals of, and Revisions and Resubmissions to, the Longitudinal Early-onset Alzheimers
Disease Study (LEADS) Cooperative Agreement (U01 Clinical Trial Not Allowed)**

**Synopsis 1**

Funding Opportunity Number: PAR-19-338
Application Deadline: Jul 05, 2022

**Summary**


This FOA invites revision, resubmission, or renewal applications to the Longitudinal Early-onset Alzheimer’s Disease Study (LEADS) Cooperative Agreement. Revision applications may not request funding beyond the project end date of the Parent award.

Link: PAR-19-338

**HHS/ National Institute on Aging**

**The Biological Mechanisms of Metformin Effects on Aging and Longevity (R01 Clinical Trial Not Allowed)**

Funding Opportunity Number: RFA-AG-20-044  
Application Deadline: Jan 21, 2020  
Estimated Maximum Total Value: $2,000,000  
Maximum Total Value Per Award: $250,000  
Summary  
This FOA invites applications on novel studies of the molecular mechanisms underlying metformin’s effects on aging and longevity. The goal of this FOA is to support applications that will lead to an in-depth understanding of the molecular mechanisms that determine the effects of metformin, either beneficial or detrimental, in relation to aging and longevity. Research supported by this FOA should lead to new insights on and better understanding of metformin’s effects on aging and aging-related diseases.

Link: RFA-AG-20-044

**HHS/ National Center for Advancing Translational Sciences**

**Limited Competition: Competitive Revision Awards for the Clinical and Translational Science Award (CTSA) Program (U54 Clinical Trial Optional)**

Funding Opportunity Number: PAR-19-337  
Application Deadline: Sep 27, 2021  
Maximum Total Value Per Award: $750,000  
Summary  
The purpose of this Funding Opportunity Announcement (FOA) is to solicit competitive revision (formerly known as competitive supplement) applications from awardees with active Clinical and Translational Science Award (CTSA) Program hub awards (UL1) to support the demonstration, and/or dissemination, and/or implementation of highly innovative and impactful translational science projects that address the goals of the CTSA Program and are beyond the original scope of the approved parent project. Under this competitive revision, only applications for revisions to the UL1 award are allowed. Revisions to the linked KL2 and/or the TL1 awards are not allowed.

Link: PAR-19-337

**HHS/ National Institutes of Health**

**Health Resources and Services Administration Regional Genetics Networks**

Funding Opportunity Number: HRSA-20-046  
Application Deadline: Feb 12, 2020  
Estimated Maximum Total Value: $4,200,000  
Maximum Total Value Per Award: $600,000  
Estimated Number of Awards: 7  
Summary  
To improve health equity and health outcomes in individuals with genetic conditions (including congenital and metabolic disorders), reduce morbidity and mortality caused by genetic conditions, and strengthen and improve the quality of coordinated follow-up and treatment for comprehensive genetic services.

Link: HRSA-20-046
HHS/ Centers for Disease Control and Prevention
Network of Modeling Centers to Improve Evidence Base for Seasonal and Pandemic Influenza Prevention and Control
Funding Opportunity Number: RFA-IP-20-003
Application Deadline: Nov 15, 2019
Estimated Maximum Total Value: $9,375,000
Maximum Total Value Per Award: $375,000
Estimated Number of Awards: 5
Summary
The purpose of this Notice of Funding Opportunity (NOFO) is support applied research that will develop, advance, and apply mathematical models to investigate the utility and impact of prevention and control strategies for seasonal and pandemic influenza, including vaccination and treatment. This NOFO will establish a network of Influenza Modeling Centers that conducts research to facilitate the rapid development, harmonization, validation, synthesis, and communication of multiple mathematical models and their results for seasonal and pandemic influenza prevention and control. This NOFO is expected to generate advancements in the rapid sharing of validated modeling results from multiple models that will improve the evidence base for public health action and policy development.
Link: RFA-IP-20-003

HHS/ National Institute on Drug Abuse
Circadian Patterns of Gene Expression Associated with Disease (R01 - Clinical Trial Optional)
Funding Opportunity Number: RFA-HL-20-016
Application Deadline: Nov 07, 2019
Estimated Maximum Total Value: $2,500,000
Maximum Total Value Per Award: $400,000
Summary
The purpose of this Funding Opportunity Announcement (FOA) is to identify abnormalities in circadian-ordered gene expression to improve our understanding of disease phenotypes, etiology, risk stratification, resilience, and therapeutic management in diseases.
Link: RFA-HL-20-016

HHS/ Centers for Disease Control - CGH
Support for Laboratory Diagnosis and Monitoring to Scale Up and Improve HIV/AIDS Care and Treatment Services, and Strengthen Global Health Security for Caribbean Countries Supported under the President's Emergency Plan for AIDS Relief (PEPFAR)
Funding Opportunity Number: CDC-RFA-GH20-2011
Application Deadline: Oct 12, 2019
Estimated Number of Awards: 1
Summary
The Award Ceiling for Year 1 is 0 (none). CDC anticipates an Approximate Total Fiscal Year Funding amount of $1,000,000 for Year 1, subject to the availability of funds. Access to high quality laboratory diagnostic services has a critical effect on the success of HIV treatment programs and is key to global health security. CDC has been providing targeted technical assistance (TA) to strengthen laboratory systems and services, with notable progress, including the accreditation of 6 public health laboratories in the Caribbean region.
Link: CDC-RFA-GH20-2011
HHS/ National Cancer Institute
Leveraging Cognitive Neuroscience to Improve Assessment of Cancer Treatment-Related Cognitive Impairment (R01 Clinical Trial Optional)
Funding Opportunity Number: PAR-19-340
Application Deadline: Jun 08, 2022
Summary
This FOA encourages the integration of cognitive neuroscience approaches to improve traditional assessment of acute and chronic cognitive changes following cancer treatment for non-central nervous system malignancies.
Link: [PAR-19-340](#)

HHS/ Health Resources and Services Administration
Advances in Integrating Genetics into Clinical Care
Funding Opportunity Number: HRSA-20-050
Application Deadline: Jan 29, 2020
Estimated Maximum Total Value: $800,000
Maximum Total Value Per Award: $800,000
Estimated Number of Awards: 1
Summary
The purpose of this program is to serve as a national resource on the use of genetic and genomic information in clinical practice for genetic service providers, primary and specialty health care providers, and families.
Link: [HRSA-20-050](#)

HHS/ Health Resources and Services Administration
National Genetics Education and Family Support Center
Funding Opportunity Number: HRSA-20-049
Application Deadline: Feb 05, 2020
Estimated Maximum Total Value: $400,000
Maximum Total Value Per Award: $400,000
Estimated Number of Awards: 1
Summary
To improve family engagement for individuals and families who have, or at-risk of having, a genetic condition; provide support for such individuals and families; provide education and resources on genetic conditions; and link individuals and families to services, especially those in underserved areas.
Link: [HRSA-20-049](#)

HHS/ Health Resources and Services Administration
Maternal and Child Health Field-Initiated Innovative Research Studies (FIRST) Program
Funding Opportunity Number: HRSA-20-056
Application Deadline: Nov 12, 2019
Estimated Maximum Total Value: $900,000
Maximum Total Value Per Award: $300,000
Estimated Number of Awards: 3
Summary

**Legislative and Executive Branch Solutions | Strategic Communications | Coalition Building | Intelligence Gathering**
This notice announces the opportunity to apply for funding under the R40 Maternal and Child Health (MCH) Field-Initiated Innovative Research Studies (FIRST) Program. The purpose of the MCH FIRST Program is to advance the health and well-being of MCH populations by supporting innovative, applied, and translational intervention research studies on critical issues affecting MCH populations. The research findings of the R40 MCH FIRST Program should be generalizable to the broader U.S. population, and of regional and national significance.

Link: [HRSA-20-056](#)

**HHS/ Health Resources and Services Administration**

**Maternal and Child Health (MCH) Interdisciplinary Education in Pediatric Pulmonary Centers (PPCs)**

Funding Opportunity Number: HRSA-20-040  
Application Deadline: Jan 14, 2020  
Estimated Maximum Total Value: $2,065,000  
Maximum Total Value Per Award: $344,167  
Estimated Number of Awards: 6  
Summary  
To improve the health status of infants, children, and youth with chronic respiratory conditions.

Link: [HRSA-20-040](#)

**HHS/ Health Resources and Services Administration**

**Family Leadership in Language and Learning Center**

Funding Opportunity Number: HRSA-20-051  
Application Deadline: Nov 08, 2019  
Estimated Maximum Total Value: $450,000  
Maximum Total Value Per Award: $450,000  
Estimated Number of Awards: 1  
Summary  
The purpose of the FL3 Center is to provide technical support to national, state and territory, and local Early Hearing Detection and Intervention (EHDI) systems of care in order to increase family engagement and leadership, and to strengthen family support for families, parents, and caregivers with newborns, infants, and young children up to 3 years of age who are deaf or hard-of-hearing (DHH)

Link: [HRSA-20-051](#)

**HHS/ Health Resources and Services Administration**

**Advancing State and Urban Maternal and Child Health (MCH)**

Funding Opportunity Number: HRSA-20-044  
Application Deadline: Nov 15, 2019  
Estimated Maximum Total Value: $2,317,500  
Estimated Number of Awards: 2  
Summary  
1) Evidence-Based Practice and Data-Driven Programming: Identifying and implementing evidence-based and informed practices, evaluating programs, and assuring data-driven decision-making; 2) Current and Emerging Public Health Issues and Threats: Responding quickly to current and emerging MCH-related public health issues; 3) Collaboration and Coordination: Collaborating with state and local partners to ensure optimal alignment with state Title V priorities and to identify areas of common need, interest, and effort; and 4) Leadership and Workforce: Developing and assuring a highly skilled MCH workforce. This program may also support state and...
urban efforts to advance priorities for the MCH population related to maternal mortality, infant mortality, mental health, substance use disorders, and childhood obesity. For purposes of this notice of funding opportunity (NOFO), urban MCH leaders are defined as leaders of MCH programs in any city or county health department having jurisdiction over one or more areas with populations of 100,000 or larger.

Link: [HRSA-20-044](http://www.hrsa.gov)

**HHS/ Health Resources and Services Administration**

**Centers of Excellence in Maternal and Child Health in Education, Science and Practice**

Funding Opportunity Number: HRSA-20-042  
Application Deadline: Jan 08, 2020  
Estimated Maximum Total Value: $4,834,000  
Maximum Total Value Per Award: $371,846  
Estimated Number of Awards: 13

**Summary**

To strengthen and expand the MCH workforce by training graduate and post-graduate public health students in MCH, and advance MCH science, research, practice and policy through a well-trained public health workforce. The MCH Epidemiology Doctoral funding will provide support to train the future MCH epidemiologic workforce and promote advancements in applied MCH research.

Link: [HRSA-20-042](http://www.hrsa.gov)

**HHS/ Health Resources and Services Administration**

**Emergency Medical Services for Children Innovation and Improvement Center**

Funding Opportunity Number: HRSA-20-037  
Application Deadline: Feb 07, 2020  
Estimated Number of Awards: 1

**Summary**

To demonstrate effective methods that improve the clinical care and management of pediatric patients within the emergency medical services system through improved access to pediatric EMS expertise for EMSC grantees and shareholders; implementation of Quality Improvement Collaboratives, ensuring the inclusion of rural health care systems; strengthened communication within the EMSC community; and creation of a central repository of evidence and resources for pediatric Emergency Medical Services and Emergency Departments.

Link: [HRSA-20-037](http://www.hrsa.gov)

**HHS/Health Resources and Services Administration**

**MCH Pregnancy-Related Care Research Network**

Funding Opportunity Number: HRSA-20-058  
Application Deadline: Apr 23, 2020  
Estimated Maximum Total Value: $300,000  
Maximum Total Value Per Award: $300,000  
Estimated Number of Awards: 1

**Summary**

To conduct multi-site research on critical issues affecting pregnancy-related and maternal health across the lifespan, examines the practice patterns and educational needs of obstetricians and gynecologists nationwide to
improve the quality of health care for mothers and children, and facilitates the translation of research to practice by leveraging the network infrastructure to educate providers and influence the standard of care.

Link: [HRSA-20-058](#)

**HHS/Health Resources and Services Administration**

**MCH Pediatric Research Network Program**

- **Funding Opportunity Number:** HRSA-20-061
- **Application Deadline:** Apr 23, 2020
- **Estimated Maximum Total Value:** $300,000
- **Maximum Total Value Per Award:** $300,000
- **Estimated Number of Awards:** 1

**Summary**

To improve the health of children by: conducting collaborative practice-based research to enhance primary care practice, developing evidence-based guidelines based on network research findings, and disseminating and accelerating the translation of research to practice.

Link: [HRSA-20-061](#)

**HHS/ Health Resources and Services Administration**

**Maternal and Child Health Public Health Catalyst Program**

- **Funding Opportunity Number:** HRSA-20-041
- **Application Deadline:** Jan 08, 2020
- **Estimated Maximum Total Value:** $730,000
- **Maximum Total Value Per Award:** $81,111
- **Estimated Number of Awards:** 9

**Summary**

To develop and/or expand MCH curriculum, competencies, and degree offerings within schools of public health where there is currently a lack of, or limited MCH offerings, and improve the MCH competencies of public health graduate students, and recruit students from underrepresented racial/ethnic backgrounds to complete MCH coursework. This program now includes some activities previously in the Reaching Practicing Professionals in Underserved Areas program.

Link: [HRSA-20-041](#)

**HHS/ Health Resources and Services Administration Autism Intervention Research Network on Physical Health (AIR-P)**

- **Funding Opportunity Number:** HRSA-20-054
- **Application Deadline:** Apr 09, 2020
- **Estimated Maximum Total Value:** $3,000,000
- **Maximum Total Value Per Award:** $3,000,000
- **Estimated Number of Awards:** 1

**Summary**

To establish and maintain an interdisciplinary, multicenter research forum for scientific collaboration and infrastructure building, which will provide national leadership in research designed to improve the physical health and wellbeing of children and adolescents with Autism Spectrum Disorders (ASD) or other developmental disabilities.

Link: [HRSA-20-054](#)
Maternal and Child Health Postdoctoral Fellowship
Funding Opportunity Number: HRSA-20-088
Application Deadline: Jun 18, 2020
Estimated Maximum Total Value: $850,000
Maximum Total Value Per Award: $170,000
Estimated Number of Awards: 5
Summary
To provide fellowship funding to Centers of Excellence in MCH recipients to support post-graduate training and promote career pathways in MCH academia.
Link: [HRSA-20-088](#)

HHS/ Health Resources and Services Administration
Children’s Healthy Weight State Capacity Building Program
Funding Opportunity Number: HRSA-20-043
Application Deadline: Apr 16, 2020
Estimated Maximum Total Value: $300,000
Maximum Total Value Per Award: $300,000
Estimated Number of Awards: 1
Summary
To develop and implement a Children’s Healthy Weight CoIIN, with the goal of increasing the proportion of children and young adults ages birth to 21 years who fall within a healthy weight range by supporting states to adopt evidence-based or evidence-informed policies and practices related to nutrition, physical activity, and breastfeeding.
Link: [HRSA-20-043](#)

HHS/Administration for Children and Families
OPRE Secondary Analyses of Strengthening Families Datasets
Funding Opportunity Number: HHS-2020-ACF-OPRE-PR-1565
Application Deadline: Oct 11, 2019
Estimated Maximum Total Value: $750,000
Maximum Total Value Per Award: $750,000
Estimated Number of Awards: 10
Summary
The Office of Planning, Research, and Evaluation (OPRE) within the Administration for Children and Families (ACF) in the Department of Health and Human Services (HHS) plans to award up to ten cooperative agreements to fund research to conduct secondary data analysis of archived data, specifically the Building Strong Families (BSF), Supporting Healthy Marriage (SHM), and Parents and Children Together (PACT) datasets. These datasets are from large-scale federal evaluation impact studies, which addressed questions related to healthy marriage and/or responsible fatherhood.
Link: [HHS-2020-ACF-OPRE-PR-1565](#)

International
US Agency for International Development/ Uganda USAID-Kampala
USAID/Uganda Biodiversity for Resilience Activity
Funding Opportunity Number: 72061719RFA00003
Application Deadline: Sep 05, 2019
Estimated Maximum Total Value: $15,000,000
Maximum Total Value Per Award: $15,000,000
Estimated Number of Awards: 1
Summary
The goal of the USAID/Uganda Biodiversity for Resilience activity is to assist communities, the GOU and the private sector to conserve and manage biodiversity in target ecosystems for lasting environmental and economic sustainability and increased community and household resilience. The activity will achieve this through three interrelated outcomes:
1. Outcome1: Economic, financial, and social investments are linked to and incentivize conservation
2. Outcome2: Governance arrangements benefit biodiversity and enable communities to benefit from biodiversity
3. Outcome3: GOU strengthens its sustainable management of targeted protected areas and biodiversity adjacent to protected areas

Link: 72061719RFA00003

US Agency for International Development
Community Health and Nutrition
Funding Opportunity Number: 72027819RFA00001
Application Deadline: Sep 15, 2019
Estimated Maximum Total Value: $19,731,357
Maximum Total Value Per Award: $19,731,357
Summary
The United States Agency for International Development (USAID) is seeking applications for a cooperative agreement from qualified entities to implement the Community Health and Nutrition activity.

Link: 72027819RFA00001

US Agency for International Development
Democracy Indicators Monitoring Survey 3 (DIMS3)
Funding Opportunity Number: 7200AA19RFA00025
Application Deadline: Sep 05, 2019
Estimated Maximum Total Value: $10,000,000
Maximum Total Value Per Award: $10,000,000
Estimated Number of Awards: 1
Summary
This will be achieved through four primary work streams: 1) collaborative, periodic, innovative public opinion surveys and research on democratic values, behaviors, and perceptions in LAC; 2) dissemination of data, analysis, and research about democratic norms and attitudes in LAC; 3) support and development of innovative topics and methodologies in public opinion research and analysis; and 4) building the local capacity of researchers and institutions on survey design, data collection, data analysis and reporting, and evidence based policy making. The foundation of these efforts is longitudinal, country, and comparative cross-national trend analysis on topics relevant to the democracy sector in LAC, such as democratic norms and values, perceptions of institutions, and experiences with corruption, crime victimization, and migration.

Link: 7200AA19RFA00025

Legislative and Executive Branch Solutions | Strategic Communications | Coalition Building | Intelligence Gathering
Department of State/ U.S. Mission to Zambia
Increasing Electoral Participation and Citizen Awareness of Public Corruption
Funding Opportunity Number: DOS-ZAMBIA-PE-2019-04
Application Deadline: Sep 06, 2019
Estimated Maximum Total Value: $400,000
Maximum Total Value Per Award: $200,000
Estimated Number of Awards: 2
Summary
1) Raise awareness of voter and electoral rights and encourage voter registration and participation, with a focus on key constituency groups with previous low electoral participation. Proposed activities should increase public awareness of government accountability and representational responsibilities and should have multiplier effects and a sustainable impact, or
2) Raise public awareness of and promote fiscal transparency, public accountability, and the ethical management of public resources. Possible activities could include increasing public awareness of corruption and misuse of government funds in major infrastructure projects, promoting transparency in public infrastructure and construction projects, and improving public resource management and whistle blower protection.
Link: DOS-ZAMBIA-PE-2019-04

Department of State/ U.S. Mission to the United Kingdom
E Pluribus Unum – The U.S. Experience
Funding Opportunity Number: DOS-LONDON-PD-2019-CA-029
Application Deadline: Sep 08, 2019
Maximum Total Value Per Award: $100,000
Summary
In this solicitation, the Embassy of the United States in London seeks proposals to develop and administer an exchange with the following objectives:
1. Improve participants’ understanding of complex issues surrounding the experience of identity, culture, and heritage among various minority identity groups in the United States and the interplay of community, state, and national identities;
2. Encourage positive discourse and self-reflection among Irish, Scottish, and Welsh participants representing diverse/opposing political, ideological, and religious views;
3. Explore educational initiatives and other societal measures promoting U.S. pluralism and appreciation for cultural, religious, and ethnolinguistic diversity;
4. Champion initiatives that build resilience and reduce tensions along sectarian boundaries and wherever the risk of extremism is heightened;
5. Disseminate core U.S. values and qualities in areas like citizenship, civil rights, and multicultural diversity.
Link: DOS-LONDON-PD-2019-CA-029

Department of State/ Bureau of Oceans - Int. Environmental - Scientific
Mapping Illicit Supply Networks to Combat Conservation Crimes at their Convergence
Funding Opportunity Number: SFOP0006106
Application Deadline: Sep 09, 2019
Estimated Maximum Total Value: $1,086,250
Maximum Total Value Per Award: $1,086,250
Estimated Number of Awards: 1
Summary

The Bureau of Oceans and International Environmental and Scientific Affairs' (OES) Office of Conservation and Water (ECW) at the Department of State, announces the Notice of Funding Opportunity ("NOFO") for Mapping Illicit Supply Networks to Combat Conservation Crimes at their Convergence, to work with developing countries and partners to gather data and build capacity to identify, analyze, and map the illegal and illicit supply networks associated with conservation crimes, and areas of convergence among them (whether convergence of actors, financial flows, geography, etc) in the Mekong region. The program will focus on Myanmar, Cambodia, Laos, Thailand, and Vietnam. The results aim to influence policy makers in this region and will inform ongoing U.S. programs and the design and implementation of future interventions to assist developing countries in combating conservation crimes.

Link: SFOP0006106

Department of State/Bureau of Conflict Stabilization Operations
Enhancing Predictions of Political Violence – Developing Women, Peace, and Security Indicators
Funding Opportunity Number: SFOP0006023
Application Deadline: Aug 19, 2019
Maximum Total Value Per Award: $246,875
Summary

CSO announces an open competition for organizations interested in submitting applications for programs addressing the lack of indicators related to women and girls for early warning systems (EWS) globally. This funding opportunity aims to enhance the predictive capabilities of global risk analyses and EWS, thereby strengthening their ability to monitor, mitigate, and respond to violence or the threat of violence, through the development of a publicly available set of Women, Peace, and Security Indicators (WPSI).

Link: SFOP0006023

Department of State/ U.S. Mission to Ukraine
Ukraine: Professional Exchanges 2019
Funding Opportunity Number: PAS-UKRAINE-2019-015
Application Deadline: Aug 30, 2019
Estimated Maximum Total Value: $150,000
Maximum Total Value Per Award: $150,000
Estimated Number of Awards: 1
Summary

The U.S. Embassy in Kyiv announces a funding opportunity to support two brief professional exchanges for Ukrainians to visit the United States. The proposed program envisions a single grantee developing and carrying out two separate exchange programs, with four to six Ukrainians participating in each, to visit the United States on exchange for approximately two weeks. Participants for both programs would be selected by the U.S. Embassy in Ukraine.

Link: PAS-UKRAINE-2019-015
Education, Community, Arts

Department of Education/Office of Special Education
OSERS-OSEP: Technical Assistance and Dissemination Center for the Development and Implementation of High-Quality Instruction, Interventions, and Services for Children with Disabilities
Funding Opportunity Number: ED-GRANTS-080719-001
Application Deadline: Sep 06, 2019
Estimated Maximum Total Value: $2,000,000
Maximum Total Value Per Award: $2,000,000
Estimated Number of Awards: 1
Summary
The purpose of the Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities program is to promote academic achievement and to improve results for children with disabilities by providing TA, supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research.
Link: ED-GRANTS-080719-001

Department of Education/Office of Special Education
OSERS-OSEP: Technical Assistance and Dissemination To Improve Services and Results for Children With Disabilities--National Technical Assistance Center for Systemic Improvement Catalog of Federal Domestic Assistance
Funding Opportunity Number: ED-GRANTS-080819-002
Application Deadline: Sep 09, 2019
Estimated Maximum Total Value: $6,250,000
Maximum Total Value Per Award: $6,250,000
Estimated Number of Awards: 1
Summary
The purpose of the Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities program is to promote academic achievement and to improve results for children with disabilities by providing TA, supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research.
Link: ED-GRANTS-080819-002

Department of Education/Office of Special Education
OSERS-OSEP: Technical Assistance on State Data Collection--National Technical Assistance Center To Improve State Capacity To Collect, Report, Analyze, and Use Accurate IDEA Part B Data
Funding Opportunity Number: ED-GRANTS-081219-002
Application Deadline: Sep 11, 2019
Estimated Maximum Total Value: $6,500,000
Maximum Total Value Per Award: $6,500,000
Estimated Number of Awards: 1
Summary
Section 616 of the IDEA requires States to submit to the Department, and make available to the public, a State performance plan (SPP) and an annual performance report (APR) with data on how each State implements both Parts B and C of the IDEA to improve outcomes for infants, toddlers, children, and youth with disabilities. Section 618 of the IDEA requires States to submit to the Department, and make available to the public, quantitative data
on infants, toddlers, children, and youth with disabilities who are receiving early intervention and special education services under IDEA. The purpose of the Technical Assistance on State Data Collection Program is to improve the capacity of States to meet IDEA data collection and reporting requirements under Sections 616 and 618 of the IDEA.

Link: ED-GRANTS-081219-002

Department of Education/Office of Special Education
OSERS-OSEP: Leadership Development Programs: Increasing the Capacity of Leaders to Improve Systems Serving Children with Disabilities
Funding Opportunity Number: ED-GRANTS-080919-001
Application Deadline: Sep 09, 2019
Estimated Maximum Total Value: $2,600,000
Maximum Total Value Per Award: $200,000
Estimated Number of Awards: 13
Summary
The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, and youth with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research, to be successful in serving those children.

Link: ED-GRANTS-080919-001

National Endowment for the Arts
NEA Research Grants in the Arts, FY2020
Funding Opportunity Number: 2020NEA01ORA
Application Deadline: Oct 03, 2019
Maximum Total Value Per Award: $100,000
Summary
In December 2016, the Arts Endowment published a new research agenda covering FY 2017-2021, which included other research questions and topics of interest to the Arts Endowment. Research Grants in the Arts offers support for projects in two areas:

Track One: Value and Impact. These are matching grants ranging from $10,000-$30,000 for research projects that aim to examine the value and/or impact of the arts in any topic area(s) by using data and methods appropriate to the proposed research questions.

Track Two: Experimental and Quasi-Experimental Designs. These are matching grants ranging from $30,000-$100,000 for research projects that aim to test the causal or inferred-causal impact of the arts on individual or cohort outcomes by using experimental or quasi-experimental design methods appropriate to the proposed research questions. This Track is only for projects relying primarily on experimental or quasi-experimental research methods that include at least one arts-based intervention group and at least one non-arts-based control/comparison group.

Link: 2020NEA01ORA
Environmental Protection Agency
National Farmworker Training Program
Funding Opportunity Number: EPA-HQ-OPP-2019-004
Application Deadline: Oct 15, 2019
Estimated Maximum Total Value: $2,500,000
Maximum Total Value Per Award: $2,500,000
Estimated Number of Awards: 1
Summary
The Office of Pesticide Programs (OPP) is soliciting applications from eligible parties for an Environmental Protection Agency (EPA) cooperative agreement to provide financial assistance to an eligible organization for a pesticide safety program, including training and education, aimed at reducing exposure to pesticides for agricultural workers, their families and the agricultural community.
Link: EPA-HQ-OPP-2019-004

AGENCY NOTICES

Department of Energy
RFI: FY 2019 Bioenergy Technologies Office -Wide
Funding Opportunity Number: DE-FOA-0002150
RFI Deadline: Sep 06, 2019
Summary
Bioenergy Technologies Office (BETO) is requesting information on the following research opportunities to help inform its priorities and funding strategies: advanced processes and retrofits to co-produce cellulosic biofuels and other products at existing corn-starch ethanol production facilities; the utilization of waste food streams to produce fuels and chemicals; potential efforts to collect and publish existing under-used or economically stranded bioenergy datasets; and algal biomass feedstock quality and conversion research and development (R&D) for biofuels and bioproducts. The purpose of this Request for Information (RFI) is to solicit feedback from industry, academia, research laboratories, government agencies, and other stakeholders to help ensure research areas are relevant, timely, appropriate for federal government funding, and aligned with Administration priorities. BETO is seeking information related to the following 4 topic areas:
- Topic 1: Leveraging First Generation Bioethanol Production Facilities
- Topic 2: Systems to Handle Commingled Food Waste Streams
- Topic 3: Bridging Industry & Government to Publish Existing High-Impact Data
- Topic 4: Algal Biomass Feedstock Quality and Conversion Interface for Biofuels and Bioproducts
Link: DE-FOA-0002150

Defense Advanced Research Projects Agency
Request for Information (RFI) - Directly computable physics models (CompMods)
Response Date: Aug 30, 2019
Solicitation Number: DARPA-SN-19-74
The Defense Sciences Office (DSO) is requesting information on state-of-the-art approaches to generate multi-physics modeling and simulation codes directly from a description of the physical phenomena. Of interest are modeling and...
simulating increasingly complex systems involving multiple physics that require high fidelity simulations but have limited test data (e.g., combustion, hypersonics, nuclear stockpile).

**National Science Foundation**

**Dear Colleague Letter:** Understanding the Overturning Circulation in the North Atlantic Ocean

UK’s Natural Environment Research Council (NERC) and NSF’s Division of Ocean Sciences (OCE) are interested in broadening the successful collaborations between the US and UK. The OCE Physical Oceanography program welcomes proposals in all areas of physical oceanography and encourages proposals that aim to understand the overturning circulation in the North Atlantic, its connections to variability in the subpolar ocean, its consequences for air-sea interaction or exchanges with the Arctic, implications for climate dynamics, and the representation of such processes in climate or earth system models.

**Food and Drug Administration**

**Request for Nominations:** Vaccines and Related Biological Products Advisory Committee.

is requesting that any industry organizations interested in participating in the selection of a nonvoting industry representative to serve on the Vaccines and Related Biological Products Advisory Committee (VRBPAC) for the Center for Biologics Evaluation and Research (CBER) notify FDA in writing. FDA is also requesting nominations for a nonvoting industry representative(s) to serve on the VRBPAC. A nominee may either be self-nominated or nominated by an organization to serve as a nonvoting industry representative. Nominations will be accepted for current vacancies effective with this notice. Due Date: Sept 6, 2019

**Environmental Protection Agency**

**Request for Nominations:** Consultants To Support the Clean Air Scientific Advisory Committee (CASAC) for the Particulate Matter and Ozone Reviews

The EPA Science Advisory Board (SAB) Staff Office requests public nominations for a pool of scientific consultants to support the chartered CASAC by providing subject matter expertise, as requested, on the scientific and technical aspects of air quality criteria and the National Ambient Air Quality Standards (NAAQS) for particulate matter (PM) and ozone. Due Date: Aug 21, 2019

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