

## From the National Science Foundation (NSF): On Research Protection

The National Science Foundation (NSF) is dedicated to maintaining a vibrant and diverse research community that thrives on the values of openness, transparency, and merit-based competition. With the support of NSF, this community is a major contributor to U.S. economic growth, national security, and global leadership.

Our science and engineering enterprise, however, is put at risk when another government endeavors to benefit from the global research ecosystem without upholding the values of openness, transparency, and reciprocal collaboration. NSF is therefore taking multiple steps to mitigate these risks in concert with other agencies and stakeholders, as outlined below.

Since 1978, NSF has **required senior project personnel on proposals to disclose all sources of support, both foreign and domestic**. A renewed effort is now underway to ensure that existing requirements to disclose current and pending support information are known, understood, and followed. For example, in May, we published in the Federal Register a proposed clarification of our proposal disclosure requirements (open for public comment through July 29). Our draft NSF Proposal and Award Policies and Procedures Guide includes clarifications regarding reporting requirements for both current and pending support and professional appointments.

To streamline the process for providing these disclosures to NSF, we are proposing use of an electronic format for submission of biographical sketches, including disclosure of all appointments. As currently envisioned, this will become effective in January 2020. We are also working to develop an electronic format for disclosure of current and pending support information.

If you have any questions, please send those to [research-protection@nsf.gov](mailto:research-protection@nsf.gov).

## ARTS, HUMANITIES, and INTERNATIONAL

2019 South Africa Community College Administrator Program Pre-Departure Orientation Logistics  
Department of State (State), U.S. Mission to South Africa

Notice seeking proposals to manage the logistics for participants of the 2020 South Africa Community College Administrator Program (CCAP). The CCAP with South Africa will be a six-week program of study for South African Technical and Vocational Education and Training (TVET) college and Community Education and Training (CET) college principals or managers.

Applications are due August 5, 2019. Approximately \$17,200 is available to support one award.

LINKS: [Grants.gov](https://www.grants.gov)

---

Asia EDGE (Enhancing Development and Growth through Energy) US-Indo-Pacific Engagements for Energy Sector Development  
Department of State (State), Bureau of Energy Resources (ENR)

Notice seeking proposals to provide a convening forum to support U.S. allies and partner countries in the Indo Pacific region (e.g., East Asia, South Asia, Southeast Asia, Pacific islands) to strengthen regional energy security for economic growth, through a range of capacity-building, advisory, and technical exchange activities related to market development, governance and oversight of hydrocarbon, mineral, and power sectors.

Applications are due August 16, 2019. Approximately \$1 million is available to support up to two awards.

LINKS: [Grants.gov](https://www.grants.gov)

---

Asia EDGE (Enhancing Development and Growth through Energy): Indo-Pacific Energy Market Investment and Modernization

Department of State (State), Bureau of Energy Resources (ENR)

Notice seeking proposals to: (1) strengthen the energy security of allies and partners, (2) create open, efficient, rule-based, and transparent energy markets, (3) improve free, fair, and reciprocal trading relationships, and (4) expand access to affordable, reliable energy.

Applications are due August 16, 2019. Approximately \$5 million is available to support one to two awards.

LINKS: [Grants.gov](#)

---

Educating the Public on Air Quality

Department of State (State), U.S. Mission to India

Notice seeking applications to design and implement a two-year-long comprehensive, innovative and multi-pronged public education campaign, primarily in regional languages, in the Delhi-NCR (National Capital Region), including Delhi and the adjoining cities of Noida, Gurgaon and Faridabad. The campaign will demystify the issue of air pollution and cut through social and economic divisions to offer a clear and compelling explanation of the challenges, as well as solutions, available to the average citizen to protect their own health and that of their families while contributing to the greater good.

Applications are due July 31, 2019. Approximately \$200,000 is available for one award.

LINKS: [Grants.gov](#), [Agency Site](#)

---

Empowering Economies through Innovation: Building Capacity for Indo-U.S. Joint Research

Department of State (State)

Notice seeking proposals to increase the capacity of Indian universities to conduct joint research with American universities by convening interested and empowered university representatives to a national conference on the subject of initiating and implementing international research partnerships.

Applications are due July 31, 2019. The maximum award amount is \$70,000.

LINKS: [Grants.gov](#)

---

Facilitating Agricultural Results, Modernization, and Educational Resources (FARMER)

Department of State (State), Bureau of Near Eastern Affairs (NEA)

Notice seeking applications to advance U.S. foreign policy by increasing inclusive private sector employment through job creation in the agriculture sector.

Applications are due July 31, 2019. Approximately \$5 million is available to support one award.

LINKS: [Grants.gov](#)

---

Future Agricultural Leaders Exchange

Department of State (State), U.S. Mission to the United Kingdom

Notice seeking proposals to develop and implement a two- to three-week exchange program on the topic of the U.S. livestock, dairy, and grains industry for young UK farmers, students of agricultural studies, and young people working in industries closely associated with farming in the UK.

Applications are due August 2, 2019. Approximately \$125,000 is available to support one award.

LINKS: [Grants.gov](#)

---

Hands on the Future: A Making and Computer Coding Skill-building Program for Women  
Department of State (State), U.S. Mission to India

Notice seeking applications focused on computer coding ecosystems of New Delhi, Chennai, Kolkata, and Mumbai and a series of no-cost training classes in those cities. The program will engage target audiences of young women (18-23 years of age), primarily university students, who have a demonstrated prior interest in STEM fields and are seeking to build tangible skills to make them more competitive in the workforce, encouraging them to develop their innovative ideas into viable products/services.

Applications are due July 31, 2019. Approximately \$36,000 is available for one award.

LINKS: [Grants.gov](#), [Agency Site](#)

---

Improving Fiscal Transparency in Algeria  
Department of State (State), U.S. Mission to Algeria

Notice seeking proposals to create a digital platform that obtains and aggregates data on all aspects of the Algerian economy, both public and private, and organizes the information in a user-friendly, publicly accessible format.

Applications are due August 3, 2019. Approximately \$150,000 is available to support one award.

LINKS: [Grants.gov](#)

---

Promoting a Better Understanding of the United States through American Studies  
Department of State (State), U.S. Mission to the United Kingdom

Notice seeking proposals to develop and implement a small grants program to foster American studies in the United Kingdom through exchanges, speaker programs, and conferences. Initiatives should be designed to promote a more accurate and positive image of the United States.

Applications are due August 2, 2019. Up to \$150,000 is available to support one award.

LINKS: [Grants.gov](#)

---

Promoting Human Rights in Cuba  
United States Agency for International Development (USAID)

Notice seeking concept papers to identify and suggest ways to work together to address key challenges in Cuba that are aligned with the United States Government's foreign assistance objectives.

Required concept papers are due July 18, 2019. Full applications are by invitation only. Approximately \$2 million is available for one award.

LINKS: [Grants.gov](#)

---

Scientific Exchanges Fellowship Program – Pilot  
United States Department of Agriculture (USDA), Foreign Agricultural Service (FAS)

Notice seeking applications that promote food security and economic growth in eligible countries by

educating a new generation of agricultural scientists, increasing scientific knowledge and collaborative research to improve agricultural productivity, and extending that knowledge to users and intermediaries in the marketplace. The collaborative nature of the training and research programs not only benefits the Fellow, his or her home institution, and partner country; the U.S. recipient, its professors, researchers, and students; and the global agricultural sector by improving agricultural productivity, systems, and processes in partnering nations through the transfer of new science and agricultural technologies.

Applications are due July 15, 2019. Approximately \$800,000 is available for two awards.

LINKS: [Grants.gov](https://www.grants.gov)

---

Strategic Communications for Community Resilience in Mozambique  
Department of State (State), U.S. Mission to Mozambique

Notice seeking applications to conduct audience analysis and work with local influencers to design targeted strategic communications interventions in northern Mozambique.

Applications are due August 19, 2019. Approximately \$500,000 is available for one award to support a project lasting up to 24 months.

LINKS: [Grants.gov](https://www.grants.gov)

---

Supporting Local Governance and Civil Society in Syria  
Department of State (State), Bureau of Near Eastern Affairs (NEA)

Notice seeking proposals from applicants with experience implementing governance, stabilization, and civil society programming in Syria. Successful proposals should describe a clear theory of change integrating all project objectives into a coherent and convincing whole that advances U.S. Syria assistance objectives and complements related programs.

Applications are due August 2, 2019. Approximately \$75 million is available to support one to three awards.

Limited Submission: one application per organization

LINKS: [Grants.gov](https://www.grants.gov)

---

U.S. Embassy Brussels Alumni for Individuals  
Department of State (State), U.S. Mission to Belgium

Notice seeking proposals for projects that strengthen ties between the United States and Belgium by using our extensive alumni network. We offer alumni of State Department exchange programs and our local programs in Belgium the opportunity to propose innovative projects that address one of five U.S. foreign policy themes or projects that build up alumni engagement.

Applications are due August 15, 2019. The maximum award amount is \$25,000.

LINKS: [Grants.gov](https://www.grants.gov)

---

U.S. Embassy Brussels Alumni for Organizations  
Department of State (State), U.S. Mission to Belgium

Notice seeking proposals for projects that strengthen ties between the United States and Belgium by using our extensive alumni network. We offer alumni of State Department exchange programs and our local programs in Belgium the opportunity to propose innovative projects that address one of five U.S. foreign policy themes or projects that build up alumni engagement.

Applications are due August 15, 2019. The maximum award amount is \$25,000.

LINKS: [Grants.gov](https://www.grants.gov)

---

University Research Program in STEM  
Department of State (State), U.S. Mission to Georgia

Notice seeking proposals to improve the standards of Georgian academic research at Georgian universities, and to encourage greater interaction between Georgian and American academics and researchers. The project will strengthen the quantitative and qualitative research skills and the academic writing of young Georgian scholars, assistance professors, PhD and MA students; raise Georgian scholars research capacity to international standards; mentor/coach Georgian scholars to participate in international conferences; and help them publish research papers in Georgian and Western academic peer-reviewed STEM journals.

Applications are due August 19, 2019. Up to \$250,000 is available.

LINKS: [Grants.gov](https://www.grants.gov)

---

YSEALI Economic Empowerment Regional Workshop  
Department of State (State)

Notice seeking proposals to design and implement a six-day workshop (inclusive of arrival and departure days) in Bangkok on Economic Empowerment for the Young Southeast Asian Leaders Initiative (YSEALI). The YSEALI Economic Empowerment Regional Workshop will bring together 66 YSEALI members (5 participants and one YSEALI alumni mentor from each ASEAN country and Timor- Leste) who have economic or business backgrounds, a commitment to social entrepreneurship, and leadership potential.

Applications are due July 31, 2019. Approximately \$250,000 is available to support one award.

LINKS: [Grants.gov](https://www.grants.gov)

---

EXBS Logistical and Program Management Support for Activities in the Near Eastern Affairs and African Affairs (NEA-AF) Regions  
Department of State (State), Bureau of International Security-Nonproliferation (ISN)

Notice seeking proposals to provide logistical and program management support for activities in NEA-AF regions.

Applications are due July 19, 2019. Approximately \$558,034 is available to support one award.

LINKS: [Grants.gov](https://www.grants.gov)

---

USAID-Uganda Maternal Child Health and Nutrition (MCHN) Activity  
United States Agency for International Development (USAID)

Notice seeking proposals to provide support to strengthen the performance of government-led strategies to improve maternal/child health and nutrition outcomes. The activity supports two results: MCHN service delivery improved and Capacity for MCHN good governance increased.

Applications are due August 6, 2019. Approximately \$17.5 million is available to support one award. Cost share of 5 percent is required.

Limited Submission: One application per organization

LINKS: [Grants.gov](https://www.grants.gov)

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Capacity Building Program for Non-Land Grant Colleges of Agriculture  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to assist in maintaining and expanding their capacity to conduct education, research, and outreach/extension activities related to food, agriculture, natural resources, and human sciences (FANH).

Applications are due October 1, 2019. Approximately \$4.7 million is available.

LINKS: [Grants.gov](https://www.grants.gov), [Solicitation](#)

---

Expanding Opportunity Through Quality Charter Schools Program (CSP): Grants to Charter School Developers for the Opening of New Charter Schools CFDA Number 84.282B  
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to charter school developers on a competitive basis to enable them to open new charter schools.

Applications are due August 2, 2019. Approximately \$14.46 million is available to support 25 to 35 awards. Eligibility is limited to charter school developers, but opportunities may exist for colleges and universities to collaborate.

LINKS: [Grants.gov](https://www.grants.gov)

---

Expanding Opportunity Through Quality Charter Schools Program (CSP): Grants to Charter School Developers for the Replication and expansion of High-Quality Charter Schools CFDA Number 84.282E  
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to charter school developers on a competitive basis to enable them to replicate or expand high-quality charter schools.

Applications are due August 2, 2019. Approximately \$14.46 million is available to support 25 to 35 awards. Eligibility is limited to charter school developers, but opportunities may exist for colleges and universities to collaborate.

LINKS: [Grants.gov](https://www.grants.gov)

---

Nevada Cultural and Paleontological Resource Management Program  
Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice seeking applications to coordinate management, preservation, education and outreach efforts, economic opportunities, and public uses of a fragile, nonrenewable scientific record that represents an important component of America's heritage.

Applications are due September 3, 2019. Approximately \$1.3 million is available to support one to seven awards.

LINKS: [Grants.gov](https://www.grants.gov)

---

Rehabilitation Services Administration (RSA): Rehabilitation Training: Innovative Rehabilitative Training Program CFDA Number 84.263C  
Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications to: 1) develop and demonstrate the effectiveness of new types of training programs for rehabilitation personnel; 2) create new and improved training methods for training rehabilitation personnel aimed to improve services delivery; and 3) design innovative training programs for VR (para) professionals to learn the evolving, modern labor force and the needs of individuals with disabilities.

Applications are due August 5, 2019. Approximately \$2.7 million is available for up to 30 awards to support projects lasting up to five years. Click [here](#) to access the pre-application webinar. The Department of Education strongly encourages potential applicants to submit a letter of intent to apply to the assigned contact person.

LINKS: [Grants.gov](#), [Federal Register](#)

---

Rehabilitation Training: Rehabilitation Long-Term Training Program-Vocational Rehabilitation Counseling and Rehabilitation Training: Rehabilitation Long-Term Training Program-Rehabilitation Specialty Areas  
Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications to provide academic training in areas of personnel shortages identified by the Secretary to increase the number of personnel trained in providing VR services to individuals with disabilities (4 total competitions to include: Rehabilitation Counseling (84.129B), Rehabilitation of Individuals Who Are Mentally Ill (84.129H), Rehabilitation of Individuals Who Are Blind or Have Vision Impairments (84.129P), and Rehabilitation of Individuals Who Are Deaf or Hard of Hearing (84.129Q)).

Applications are due August 5, 2019. Approximately \$9 million is available for multiple awards, in each category, to support projects lasting up to five years. Cost sharing of at least 10 percent of the total cost of the project is required of grantees under the Rehabilitation Long-Term Training Program. Pay close attention to the high priority funding areas noted. Click [here](#) to access the pre-application webinar information.

LINKS: [Grants.gov](#), [Federal Register](#)

---

Specialized Housing and Services for Victims of Human Trafficking  
Department of Housing and Urban Development (HUD), Community Planning and Development

Notice seeking applications to implement and provide housing and trauma-informed, victim-centered services to victims of human trafficking.

Applications are due October 30, 2019. Approximately \$14.5 million is available to support 21 awards. Cost share of up to 75 percent is required.

LINKS: [Grants.gov](#)

---

Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities-Model Demonstration Projects for Early Identification of Students With Dyslexia in Elementary School  
Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications 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.

Applications are due August 5, 2019. Approximately \$400,000, per award, is available for three awards to support projects lasting up to four years. Click [here](#) to access the pre-application webinar.

LINKS: [Grants.gov](#), [Federal Register](#)

CONTACT:

Kristen Rhoads, 202-245-6715. Email: [Kristen.Rhoads@ed.gov](mailto:Kristen.Rhoads@ed.gov)

---

Meeting Notice of the National Agricultural Research, Extension, Education, and Economics Advisory Board  
United States Department of Agriculture (USDA)

Notice announcing a meeting of the National Agricultural Research, Extension, Education, and Economics Advisory Board. The purpose of the meeting is to will be to reconvene and reestablish the Board after the reauthorization of the Farm Bill.

The meeting will be held July 17-19, 2019 at The Darcy Hotel, 1515 Rhode Island Avenue NW, Washington, DC.

LINKS: [Federal Register](#)

---

National Environmental Justice Advisory Council; Notification of Public Teleconference and Public Comment  
Environmental Protection Agency (EPA)

Notice announcing a meeting of the National Environmental Justice Advisory Council. The purpose of the meeting is to provide independent advice and recommendations to the Administrator about broad, crosscutting issues related to environmental justice.

The public teleconference meeting will be held Wednesday, August 14, 2019, starting at 3:00 p.m., ET.

LINKS: [Federal Register](#)

---

FY19 Brownfields Training, Research, and Technical Assistance Grant  
Environmental Protection Agency (EPA)

Notice seeking proposals to conduct research and provide technical assistance to new, existing, and/or prospective EPA Environmental Workforce Development and Job Training grantees. In addition to providing on-going technical assistance throughout the project period, the successful applicant will be responsible for developing an annual meeting to facilitate peer-to-peer networking and provide training to the grantees.

Proposals are due September 20, 2019. One award of approximately \$1.4 million is anticipated.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Gaining Early Awareness and Readiness for Undergraduate Programs (State Grants) CFDA Number 84.334S  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to provide support, and maintain a commitment to eligible low-income students, including students with disabilities, to assist the students in obtaining a secondary school diploma (or its recognized equivalent) and to prepare for and succeed in postsecondary education.

Applications are due August 7, 2019. Approximately \$28.28 million is available to support eight awards. Cost share of at least 50 percent is required. Only States without an active State GEAR UP grant, or States that have an active State GEAR UP grant that is scheduled to end prior to October 1, 2019, are eligible.

LINKS: [Grants.gov](#), [Federal Register](#)

---

Jail Administration for New Sheriffs  
Department of Justice (Justice), National Institute of Corrections (NIC)

Notice seeking applications to draft a curriculum on these key areas of concern; pilot the curriculum in the spring of 2020 at the National Corrections Academy in Aurora, Colorado; and revise the curriculum based on an assessment of the pilot. The final curriculum will include: program description (overview); detailed narrative lesson plans; presentation slides for each lesson plan; and a participant manual that follows the lesson plans.

Applications are due August 25, 2019. Approximately \$80,000 is available to support one award for a 12-month period.

Limited Submission: Only one application per institution

LINKS: [Grants.gov](#)

---

Native American Micro Enterprise Business Services  
Small Business Administration (SBA), Department of Commerce (Commerce), Office of Native American Affairs (ONAA)

Notice seeking proposals to target specific Native American business operations in underserved markets throughout the country including underserved microenterprise Native American firms to further expand their business development offerings.

Proposals are due August 5, 2019. Approximately \$700,000 is available to support up to seven awards.

Limited Submission: An organization may submit one proposal

LINKS: [Grants.gov](#)

---

Chief FOIA Officers' Council Meeting  
National Archives and Records Administration (NARA)

Notice announcing the 2019 annual Chief FOIA Officers' Council meeting to develop recommendations to increase compliance and efficiency and sharing best practices and innovative approaches in the area of government information management.

The meeting will be held August 5, 2019 from 10:00 a.m. to 12:00 p.m. ET at 700 Pennsylvania Avenue NW, William G. McGowan Theater; Washington, DC. The meeting will also be live-streamed.

LINKS: [Federal Register](#), [Agency Site](#)

---

Comment Request; Report on the State of Counterfeit and Pirated Goods Trafficking and Recommendations  
Department of Commerce (Commerce)

Notice requesting comments on the state of counterfeit and pirated goods trafficking through online third-party marketplaces and recommendations for curbing the trafficking in such counterfeit and pirated goods.

All responses to this notice will be shared with interagency teams, and specifically the Department of Homeland Security, for use in preparing a report for the President.

Comments are due July 29, 2019.

LINKS: [Federal Register](#)

---

Request for Nominations for the Climate-Related Market Risk Subcommittee Under the Market Risk Advisory Committee  
Commodity Futures Trading Commission (CFTC)

Notice requesting nominations for the Climate-Related Market Risk Subcommittee Under the Market Risk Advisory Committee, charged with identifying and examining climate change-related financial and market risks, including for derivatives markets.

Nominations are due September 9, 2019.

LINKS: [Federal Register](#)

## HEALTH and MENTAL HEALTH

BRAIN Initiative: Development of Next Generation Human Brain Imaging Tools and Technologies (U01 Clinical Trial not allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice supporting the full development of entirely new or next generation noninvasive human brain imaging tools and methods that will lead to transformative advances in our understanding of the human brain. The FOA seeks innovative applications that are ready for full-scale development of breakthrough technologies with the intention of delivering working tools.

Optional letters of intent due 30 days prior to due dates. Applications are due September 3 annually through 2021. Approximately \$8 million is available for up to six awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

BRAIN Initiative: Non-Invasive Neuromodulation - New Tools and Techniques for Spatiotemporal Precision (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking grant applications in two related but distinct areas. The first area is in the development and testing of novel tools and methods of neuromodulation that go beyond the existing forms of neural stimulation. The second distinct area that this FOA seeks to encourage is the optimization of existing stimulation methods.

Optional letters of intent are due August 3, 2019. Applications are due September 3, 2019 and February 14, 2020. Approximately \$3 million is available for five awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice supporting applications for early stage development of entirely new and novel noninvasive human

brain imaging technologies and methods that will lead to transformative advances in our understanding of the human brain. The FOA solicits unusually bold and potentially transformative approaches and supports small-scale, proof-of-concept development based on exceptionally innovative, original and/or unconventional concepts.

Optional letters of intent due 30 days prior to due date. Applications due September 3, 2019. Approximately \$4 million is available for up to 12 awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

#### DoD Melanoma Concept Award

Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications to support the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to melanoma. The Concept Award is not intended to support an incremental progression of an already established research project but, instead, allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations. This award mechanism supports early studies that have the potential to reveal entirely new avenues for investigation.

Required letters of intent are due October 2, 2019. Applications are due October 23, 2019. Approximately \$600,000 is available for five awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

#### FDA Support for Conferences and Scientific Meetings (R13 Clinical Trial Not Allowed) Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to facilitate the provision of federal financial assistance in support of high-quality conferences and scientific meetings designed to research and investigate a topic clearly aligned with the FDA mission. The FDA recognizes the value of supporting high quality conferences and scientific meetings relevant to its mission and to the public health.

Letters of intent are due eight weeks prior to the selected application due date. Applications are due October 11, 2019, April 13, 2020, October 13, 2020, April 12, 2021, October 12, 2021, April 12, 2022, and October 11, 2022. Program expires October 12, 2022.

LINKS: [Grants.gov](#), [Solicitation](#)

---

#### NINDS Child Neurologist Career Development Program (CNCDP) (K12 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications to facilitate and support the research career development of child neurologists who have made a commitment to independent research careers. The CNCDP is a single national program, implemented by one or more PD/PIs, together with an advisory committee composed of basic and clinical investigators who have a strong record of funded research and successful training of clinician scientists. The CNCDP will generally provide three consecutive years of support to individuals to provide them with the knowledge, tools and research experience that will enable them to develop a significant research project funded by an individual career development award or research grant.

Optional letters of intent are due 30 days prior to application due date. Applications are due September 10, 2019. Approximately \$3.4 million is available for one award.

Limited Submission: Only one application per institution allowed

LINKS: [Grants.gov](#), [Solicitation](#)

---

Science of Behavior Change (SOBC) Resource and Coordinating Center (U24 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to continue support for a Resource and Coordinating Center (RCC) for the NIH Science of Behavior Change (SOBC) program, which was supported for the past ten years by the NIH Common Fund. The goal of the RCC will be to lead, participate in, and support activities that will maximize the creativity, productivity, scientific rigor, and dissemination of SOBC products and approaches to meaningfully impact health behaviors.

Optional letters of intent are due September 23, 2019. Applications are due October 23, 2019. Approximately \$1.25 million is available for one award.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Centers of Biomedical Research Excellence (COBRE) Phase 1 (P20 - Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications for Centers of Biomedical Research Excellence (COBRE) from investigators at universities that award doctoral degrees in the health-related sciences or independent biomedical research institutes/medical centers with ongoing biomedical research programs funded by NIH or other federal agencies within Institutional Development Award (IDeA)-eligible states. The objectives of the COBRE initiative are to strengthen an institution's biomedical research infrastructure through the establishment of a thematic multidisciplinary center and to enhance the ability of investigators to compete independently for NIH individual research grants or other external peer-reviewed support.

Optional letters of intent are due 30 days prior to the application due date. Applications are due January 28, 2020, January 27, 2021, and January 27, 2022.

Limited Submission: Only one application per institution is allowed

LINKS: [Grants.gov](#), [Solicitation](#)

---

Discovery of Biomarkers and Biomarker Signatures for Neurological and Neuromuscular Disorders (R61-R33 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

Notice seeking applications to promote the discovery and/or early evaluation of strong candidate biomarkers and biomarker signatures that can be used as tools to facilitate the clinical development of neurotherapeutics and their use in clinical practice. Specifically, the focus of this FOA is on the identification and initial biological, analytical and clinical evaluation of biomarkers and biomarker signatures for neurological and neuromuscular disorders/diseases.

Optional letters of intent are due 30 days prior to the application due date. Applications are due September 4, 2019; February 14, 2020; July 20, 2020; February 17, 2021; July 19, 2021; and February 14, 2022.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Early Hearing Detection and Intervention Program  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Maternal and Child Health Bureau (MCHB)

Notice seeking applications to support comprehensive and coordinated state and territory Early Hearing Detection and Intervention (EHDI) systems of care so families with newborns, infants, and young children up to 3 years of age who are deaf or hard-of-hearing (DHH) receive appropriate and timely services that include hearing screening, diagnosis, and early intervention (EI).

Applications are due November 8, 2019. Approximately \$13.865 million is available to support 59 awards.

Limited Submission: Multiple applications from an organization are not allowable.

LINKS: [Grants.gov](#)

---

Leveraging Big Data Science to Elucidate the Neural Mechanisms of Addiction and Substance Use Disorder (R21 and R01 - Clinical Trials Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to attract data and computational scientists to propose novel ways to integrate data of different types and scales to allow new types of analysis. It is expected that with the development and application of novel computational, bioinformatics, statistical, and analytical approaches, previously inaccessible insights will reveal new aspects of addiction biology.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 14, 2019. Approximately \$1 million is available to support three to five awards.

LINKS: [Grants.gov \(R21\)](#), [Grants.gov \(R01\)](#), [Solicitation](#)

---

Maximizing the Scientific Value of Existing Biospecimen Collections: Scientific Opportunities for Exploratory Research (R21 Clinical Trial Not Allowed)

Food and Drug Administration (FDA), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to stimulate exploratory research relevant to the mission of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP) using existing (publicly available) biospecimens currently stored in repositories in the United States.

Optional letters of intent are due 60 days prior to the application due date. Applications are due October 8, 2019, August 7, 2020, and March 8, 2021. Approximately \$1.5 million is available to support seven awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Mechanisms of Tolerance (R21-R33 - Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking applications to: (1) develop hypotheses about cellular, molecular or network mechanisms that regulate sensitivity and tolerance to alcohol, and (2) develop quantitative models to predict the development of tolerance and the progression to alcohol use disorder.

Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2022.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Modeling HIV Neuropathology Using Microglia from Human iPSC and Cerebral Organoids (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to study mechanisms underlying the neuropathophysiology of HIV-associated neurological disorders (HAND) using induced microglia and cerebral organoids generated from human derived induced pluripotent stem cell (iPSC) lines.

Optional letters of intent are due October 12, 2019. AIDS applications are due November 12, 2019. Approximately \$2 million is available to support three to five awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Molecular Mechanisms of Blood-Brain Barrier Function and Dysfunction in Alzheimer's disease and Alzheimer's related dementias (AD-ADRD) (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

Notice seeking applications to elucidate the mechanistic links between blood brain barrier (BBB) dysfunction, Alzheimer's Disease (AD) and AD-Related Dementias (ADRD), and how related comorbidities impact the basic molecular mechanisms of BBB health and function.

Optional letters of intent are due September 9, 2019. Applications are due October 9, 2019. Approximately \$4.5 million is available to support six to eight awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Pilot Projects Investigating Understudied G Protein-Coupled Receptors, Ion Channels, and Protein Kinases (R03 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications for pilot projects on IDG-eligible understudied proteins (non-olfactory GPCRs, protein kinases, and ion channels) in order to study them beyond what the IDG's Centers can accomplish and to validate and demonstrate the utility of IDG-generated reagents, data, and approaches.

Optional letters of intent are due September 28, 2019. Applications are due October 28, 2019. Approximately \$1.75 million is available to support 9 to 11 awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Population Dynamics Centers Research Infrastructure Program FY 2020 (P2C Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to advance the field of population dynamics research by increasing research impact, innovation, and productivity; developing junior scientists; and maximizing the efficiency of research support.

Optional letters of intent are due 30 days prior to the application due date. Applications are due August 30, 2019. Approximately \$1.6 million is available to support four awards.

Limited Submission: Only one application per institution is allowed

LINKS: [Grants.gov](#), [Solicitation](#)

---

Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed)  
Food and Drug Administration (FDA), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, to investigate novel scientific ideas and/or to generate new models, systems, tools, methods, or technologies that have the potential for significant impact on biomedical or biobehavioral research in areas relevant to the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP).

Optional letters of intent are due 60 days prior to the application due date. Applications are due October 8, 2019, July 20, 2020, and March 8, 2021. Approximately \$1 million is available to support five awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Specialized Alcohol Research Centers (P50 Clinical trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking applications to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institute's mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorder, alcohol-related end organ diseases and their biomedical, psychosocial, and economic consequences across the lifespan and racial/ethnic groups and other health disparity populations.

Optional letters of intent are due October 14, 2019. Applications are due November 14, 2019. Approximately \$7.5 million is available to support up to five awards in FY 2021.

LINKS: [Grants.gov](#), [Solicitation](#)

## **SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS**

Computer and Information Science and Engineering (CISE): Core Programs  
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals to supports research and education projects that develop new knowledge in all aspects of computing, communications, and information science and engineering, as well as advanced cyberinfrastructure.

Medium and Large project applications are due September 30, 2019. Small project applications are due November 14, 2019. Approximately \$280 million is available to support 400 to 600 awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Critical Aspects of Sustainability  
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to support basic research through core disciplinary programs aimed at improving the sustainability of resources for future generations while maintaining or improving current products in order to offer technologically-advanced, economically competitive, environmentally-benign and useful materials to a global society.

Proposals are accepted anytime.

LINKS: [Grants.gov](#), [Solicitation](#)

---

#### FY20 Bluefin Tuna Research Program

National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications to provide a basis for advancing science-based fisheries management for Atlantic bluefin tuna. Such advancement will depend upon improvements in understanding of the fisheries and biology of bluefin tuna, especially regarding the effects of mixing and movement between the eastern and western Atlantic populations.

Applications are due September 20, 2019. Approximately \$600,000 is available for eight awards.

LINKS: [Grants.gov](#)

---

#### Gamma Ray Inspection Technology (GRIT)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking innovative research proposals in the area of intense, tunable, narrow bandwidth, and transportable gamma-ray sources for varied national security applications. Proposed research should investigate innovative approaches that can achieve or exceed the performance of current state of the art user facilities with a form factor that allows multiple defense applications to be achieved. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

Abstracts are strongly encouraged by July 24, 2019. Applications are due September 6, 2019. The level of funding for individual awards made under this BAA will depend on the quality of the proposals received and the availability of funds.

LINKS: [Grants.gov](#), [FBO](#)

---

#### Hypersonic Transition Models Research

Department of Defense (Defense), Air Force Academy

Notice seeking unclassified research white papers and proposals that do not contain proprietary information focused on supporting the High-Performance Computing Modernization Program (HPCMP). HPCMP desires to improve computational simulations of hypersonic vehicles in support of DoD goals by accelerating the successful development of HPC software and hardware.

White papers are due July 29, 2019. Approximately \$2 million is available for five awards.

LINKS: [Grants.gov](#)

---

#### Naval Medical Research Center: Austere Environment Consortium for Enhanced Sepsis Outcomes (ACESO) Award

Department of Defense (Defense)

Notice seeking applications to generate knowledge and research data that can be rapidly translated into preventing and improving the outcome of severe sepsis in austere or resource-limited settings through the Austere Environments Consortium for Enhanced Sepsis Outcomes.

Applications are due August 5, 2019. Approximately \$52 million is available for one award to support a project lasting up to five years.

LINKS: [Grants.gov](#)

---

PolyplexusPilot 3

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking proposals for participants for a pilot program designed to utilize modern connectivity to rapidly develop promising basic research pathways leading to basic research proposals. DSO's intent is to fund research proposals resulting from this pilot program.

Proposals are due anytime until July 2, 2020. The maximum award amount is \$100,000.

LINKS: [Grants.gov](#), [FBO](#)

---

Quantifying Ensemble Diversity for Robust Machine Learning (QED RML)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals of innovative basic research concepts in the technical domain of machine learning classifier diversity. The objective of the QED for RML effort is to develop the theoretical foundations for understanding the behavior of diversified ensembles of ML classifiers and quantifying their utility when under attack. This foundation is necessary for creating provable defenses against classes of attacks or regions of input-space in ML classifiers.

Proposals are due July 30, 2019.

LINKS: [FBO](#)

---

ROSES 2019: Heliophysics System Observatory Data Support

National Aeronautics and Space Administration (NASA)

Notice seeking proposals for ground-based solar and coronagraphic observations that would complement and provide context for the Parker Solar Probe (PSP) data set and enable an enhanced science return from the mission.

Proposals are due August 1, 2019. Approximately \$600,000 is available to support four awards.

LINKS: [Grants.gov](#), [Solicitation](#)

---

Space Development Agency - Next-Generation Space Architecture RFI

Department of Defense (Defense), Space Development Agency (SDA)

Notice seeking information for ideas, methodologies, approaches, technologies, and systems related to the development of an agile, responsive next-generation space architecture.

Responses are due August 5, 2019 to [carolyn.l.guy.civ@mail.mil](mailto:carolyn.l.guy.civ@mail.mil).

LINKS: [FBO](#)

---

Cyber Warfare Detachment Broad Agency Announcement

Department of Defense (Defense), Naval Air Systems Command

Notice seeking proposals for research support in technologies that are applicable to Resilient Cyber Warfare Capabilities for NAVAIR Weapon Systems. The objective of this BAA is principally to orchestrate germane R&D to fill the gaps in cyber warfare capabilities for NAVAIR weapon systems to achieve the CWD strategy, i.e., secure weapon systems able to survive and exploit cyber warfare.

Proposals are due any time until July 7, 2020 for Phase I. Cost share of 50 percent is required.

LINKS: [FBO](#)

---

DHS S&T Terrorism Prevention and Counterterrorism Research (TPCR) Center of Excellence (COE) - Lead

Department of Homeland Security (Homeland Security), Science and Technology Directorate (S&T)

Notice seeking applications from accredited U.S. colleges and universities to lead a consortium of universities for a TPCR COE. The DHS COEs are university consortia that work closely with DHS Components and their partners to conduct research, develop and transition mission-relevant science and technology, educate the next generation of homeland security technical experts, and train the current workforce in the latest scientific applications.

Applications are due September 13, 2019. Up to \$3.65 million is available to support one award for 10 years.

LINKS: [Grants.gov](#)

---

DHS S&T Terrorism Prevention and Counterterrorism Research (TPCR) Center of Excellence (COE) - Partner

Department of Homeland Security (Homeland Security), Science and Technology Directorate (S&T)

Notice seeking proposals from accredited U.S. colleges and universities to lead a consortium of universities for a TPCR COE. The DHS COEs are university consortia that work closely with DHS Components and their partners to conduct research, develop and transition mission-relevant science and technology, educate the next generation of homeland security technical experts, and train the current workforce in the latest scientific applications.

Applications are due September 13, 2019. Up to \$500,000 is available.

LINKS: [Grants.gov](#)

---

Intent-Defined Adaptive Software (IDAS)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office (I2O)

Notice seeking proposals to create novel software engineering technologies that enable automated adaptation of the resulting software system to radical changes in requirements and/or the computational environment. Proposed research should investigate innovative approaches that enable revolutionary advances in science, software technologies, or systems.

Proposals are due September 10, 2019. Multiple awards are anticipated.

LINKS: [Grants.gov](#), [FBO](#)

---

Microsystems Exploration

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice seeking proposals to develop high-risk, high-reward technologies that enable revolutionary advances in materials, devices, and systems and continue DARPA's mission of creating and preventing strategic surprise.

Proposals are due July 10, 2020. Multiple awards are anticipated.

LINKS: [FBO](#)

---

Notice of Community of Interest Meeting on Future Computing  
National Science Foundation (NSF)

Notice announcing a meeting on the R&D challenges and opportunities in future computing landscape for the coming decade and beyond to ensure that the public, academic, and private sectors are prepared for the new computing modalities.

The meeting will be held via webcast on August 5 from 8:15 a.m. to 5:45 p.m. and August 6 from 8:30 a.m. to 12:30 p.m. ET.

LINKS: [Federal Register](#), [Agency Site](#)

---

Vector and Tensor Sensors Request for Information  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice seeking information on designs of vector/tensor electric and magnetic field sensors and their applications. DARPA is interested in developing a deepened understanding of the potential of vector/tensor magnetometers and electrometers.

Responses are due July 31, 2019 to [DARPA-SN-19-67@darpa.mil](mailto:DARPA-SN-19-67@darpa.mil).

LINKS: [FBO](#)