Notices from April 02, 2020 to April 08, 2020

This publication synopsizes funding opportunities, rules and regulations, comment requests, and meetings information from Grants.gov, Federal Register, and Federal Business Opportunities for colleges and universities that are eligible to be lead applicants or serve as partners.

**TABLE OF CONTENTS**

- **ARTS / HUMANITIES / INTERNATIONAL**
  - Funding Opportunities
    - Continued Civil Society Engagement - Government Strengthening
    - ECC Counter-Iran Activities: Proliferation-UNSCR Enforcement
    - Fiscal Year 2020 Request for Applications for Development Food Security Activities in Ethiopia
    - University Support Grants Program
    - Women, Peace, and Security: Supporting Women’s Networks to Prevent, Resolve, and Mitigate Conflict

- **EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT**
  - Funding Opportunities
    - BJA FY 20 The National Center on Restorative Justice
    - Educational Materials for Professional Organizations Working on Efficiency and Renewable Energy Developments (EMPOWERED)
    - FY 2020 Modern Multistate Conservation Grant Program
    - National Center on Forensics, Fiscal Year 2020
    - National Center on Parent, Family and Community Engagement
    - OJJDP FY 20 Preventing Trafficking of Girls
    - Youth Apprenticeship Readiness Grant Program

- **HEALTH**
  - Funding Opportunities
    - Addressing Racial Disparities in Maternal Mortality and Morbidity (R01 Clinical Trial Optional)
    - Advanced Nursing Education Nurse Practitioner Residency Integration Program (ANE-NPRIP)
    - Aging and Disability Resource Center No Wrong Door System Funding Opportunity: Critical Relief Funds for COVID-19 Pandemic Response
    - Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD) Exploratory and Developmental Research Projects (UH2 Clinical Trial Optional)
    - DoD Prostate Cancer Awards
    - Intellectual and Developmental Disabilities Reserch Centers [IDDRC] FY 2021 (P50 Clinical Trial Optional)
    - Limited Competition: International Epidemiology Databases to Evaluate AIDS (iDEA) (U01 Clinical Trial Not Allowed)
    - NIAMS Rheumatic Diseases Research Resource-based Centers (P30- Clinical Trial Not Allowed)
    - NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01 Clinical Trial Optional)
Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grant (Parent T35)

SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM X20.R SBIR COMMERCIAL SOLUTIONS OPENING (CSO) AF VENTURES DIRECT TO PHASE II

Meetings
- National Research Advisory Council; Notice of Meeting

Notices
- Catalyzing Innovation in Pediatric Pharmacology Clinical Trial Design and Resource Access (X01 Clinical Trial Not Allowed)

**SCIENCE / TECHNOLOGY / ENGINEERING / MATH**

Funding Opportunities
- ADvanced Acclimation and Protection Tool for Environmental Readiness (ADAPTER) Department of Defense
- Air Space Total Awareness for Rapid Tactical Execution (ASTARTE)
- Announcement for Program Funding for NRCS' Conservation Innovation Grants (CIG) for Federal fiscal year (FY) 2020 – Vermont - Pacific Island Area
- Aviation Research BAA
- Cyber-Physical Systems
- FAIR Data and Models for Artificial Intelligence and Machine Learning
- Hydrologic Sciences (HS)
- Montana - Dakotas Cultural and Paleontological Resource Management
- Montana-Dakotas Fuels Management & Community Fire Assistance Program Activities
- Opportunities for Promoting Understanding through Synthesis
- ROSES 2020: LISA Preparatory Science

Meetings
- Advisory Committee for Geosciences; Notice of Meeting
- Commerce Spectrum Management Advisory Committee Meeting
- Hydrographic Services Review Panel Meeting
- National and Governmental Advisory Committees to the U.S. Representative to the Commission for Environmental Cooperation
- State Energy Advisory Board

**ARTS / HUMANITIES / INTERNATIONAL**

FUNDING OPPORTUNITY:
Continued Civil Society Engagement - Government Strengthening

FON:
SCS-800-20GR-001-WHA-040620

AGENCY:
Department of State (State), U.S. Mission to Costa Rica

ITEM:
Notice seeking applications to support activities by civil society organizations working with local governments in Costa Rica to improve the delivery of government services, particularly to vulnerable and/or marginalized communities and in areas outside of the Central Valley but within Costa Rica, and to increase citizen's abilities to hold the government accountable for its responsibilities.

ACTION:
Applications are due July 7, 2020. Approximately $750,000 is available for up to five awards.

LINKS:

CONTACT:
Email: SanJoseCarsiESF@state.gov (mailto:SanJoseCarsiESF@state.gov)

FUNDING OPPORTUNITY:
ECC Counter-Iran Activities: Proliferation-UNSCR Enforcement

FON:
SFOP0006742

AGENCY:
Department of State (State), Bureau of International Security-Nonproliferation (ISN)

ITEM:
Notice seeking applications to develop and execute strategic, threat based programming to counter the following Iranian threats like procurement of proliferation-sensitive (missile and nuclear) materials, goods, and technologies, activities inconsistent with United Nations Security Council Resolution 2231 and transfers of arms to or from Iran.

ACTION:
Applications are due June 5, 2020. Approximately $9 million is available for up to 12 awards.

LINKS:

CONTACT:
See the solicitation.

FUNDING OPPORTUNITY:
Fiscal Year 2020 Request for Applications for Development Food Security Activities in Ethiopia

FON:
72DFFP20RFA00006

AGENCY:
United States Agency for International Development (USAID), Bureau for Democracy, Conflict, and Humanitarian Assistance (DCHA)

ITEM:
Notice seeking applications to reduce hunger and malnutrition and assure that adequate, safe, and nutritious food is available, accessible, and well-utilized by all individuals at all times to support a healthy and productive life.

ACTION:
Comments are due May 15, 2020. Approximately $550 million is available to support four awards over five years. Colleges and universities are eligible to partner.
FUNDING OPPORTUNITY:
University Support Grants Program

FON:
PAS-PRISTINA-FY20-03

AGENCY:
Department of State (State), U.S. Mission to Kosovo

ITEM:
Notice soliciting proposals that address and implement programs in any of the following three areas: strengthening the Kosovo Accreditation Agency (KAA) and/or the accreditation process in order to help Kosovo regain European Association for Quality Assurance in Higher Education (ENQA) membership; development of a program for the monitoring and evaluation of teaching in the higher education classroom; and provision of orientation programs to students, focused on educating them on the role of the university, their role within that structure, and what to expect from their studies.

ACTION:
Applications are due May 15, 2020. Approximately $200,000 is available for 10 awards. Eligibility is limited to higher education institutions and/or NGOs working on education programs officially registered in the Republic of Kosovo.

LINKS:

CONTACT:
Email: PristinaGrants@state.gov (mailto:PristinaGrants@state.gov)

FUNDING OPPORTUNITY:
Women, Peace, and Security: Supporting Women’s Networks to Prevent, Resolve, and Mitigate Conflict

FON:
SFOF0006548

AGENCY:
Department of State (State), Office of Global Women’s Issues (GWI)

ITEM:
Notice seeking proposals to promote inclusive decision-making that responds to the comprehensive needs and perspectives of conflict-affected women and girls.

ACTION:
Proposals are due May 7, 2020. Up to $3 million is available to support one or two awards.

LINKS:
CONTACT:
S/GWI Programs Division, Email: SGWIProjectProposals@state.gov
(mailto:SGWIProjectProposals@state.gov)

EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT

FUNDING OPPORTUNITY:
BJA FY 20 The National Center on Restorative Justice

FON:
BJA-2020-18442

AGENCY:
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

ITEM:
Notice seeking applications to fund an accredited university of higher education or an accredited law school to manage the National Center on Restorative Justice, with the overall purpose of educating and training the next generation of justice leaders.

ACTION:
Applications are due May 21, 2020. Approximately $3 million is available to support one award for 48 months.

LINKS:

CONTACT:
National Criminal Justice Reference Service (NCJRS) Response Center, 800-851-3420. Email grants@ncjrs.gov (mailto:grants@ncjrs.gov)

FUNDING OPPORTUNITY:
Educational Materials for Professional Organizations Working on Efficiency and Renewable Energy Developments (EMPOWERED)

FON:
DE-FOA-0002258

AGENCY:
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

ITEM:
Notice seeking applications to provide professionals with educational materials and training resources in fields newly interacting with distributed energy resources (DER). In this program, DER includes distributed solar, like on homes and businesses, as well as efficient building technologies and sustainable transportation technologies, such as electric vehicles.

ACTION:
Required concept papers are due May 5, 2020. Applications are due July 8, 2020.

LINKS:
FUNDING OPPORTUNITY:
FY 2020 Modern Multistate Conservation Grant Program

FON:
F20AS00068

AGENCY:
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

ITEM:
Notice seeking applications to promote a national hunting and shooting sport recruitment program, including related communication and outreach activities.

ACTION:
Applications are due May 15, 2020. Approximately $5 million is available for 10 awards to support projects lasting up to three years.

LINKS:

CONTACT:
John Stremple, 703-358-2066. Email: John_Stremple@fws.gov (mailto:John_Stremple@fws.gov)

FUNDING OPPORTUNITY:
National Center on Forensics, Fiscal Year 2020

FON:
NIJ-2020-18372

AGENCY:
Department of Justice (Justice), National Institute of Justice (NIJ)

ITEM:
Notice seeking applications to support development, education, and training opportunities in the forensic science, medico-legal, law enforcement, and legal communities.

ACTION:
Applications are due June 5, 2020. Approximately $2 million is available to support one award for 36 months.

LINKS:

CONTACT:
NCJRS Response Center, 800-851-3420. Email: grants@ncjrs.gov (mailto:grants@ncjrs.gov)
FON:
HHS-2020-ACF-OHS-HC-1826

AGENCY:
Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Head Start (OHS)

ITEM:
Notice seeking applications strengthen professional development outcomes for staff and improve outcomes for children and families enrolled in Head Start and/or Early Head Start (HS/EHS) programs. The NC PFCE will provide training and technical assistance (TTA) that reflects current evidence, is research-informed, and promotes best practices in professional development and adult learning in the areas of family support, family wellbeing, family engagement, and community engagement.

ACTION:
Applications are due June 22, 2020. Approximately $5.9 million is available to support one award for 60 months.

LINKS:

CONTACT:
Kiersten Beigel, 888-242-0684. Email: OHSTech@reviewops.org (mailto:OHSTech@reviewops.org)

FUNDING OPPORTUNITY:
OJJDP FY 20 Preventing Trafficking of Girls

FON:
OJJDP-2020-18135

AGENCY:
Department of Justice (Justice), Office of Juvenile Justice and Delinquency Prevention (OJJDP)

ITEM:
Notice seeking applications to support prevention and early intervention programs for girls who are at risk of or are victims of sex trafficking.

ACTION:
Applications are due May 26, 2020. Approximately $600,000 is available, per award, for four awards.

LINKS:

CONTACT:
Email: grants@ncjrs.gov (mailto:grants@ncjrs.gov)

FUNDING OPPORTUNITY:
Youth Apprenticeship Readiness Grant Program

FON:
FOA-ETA-20-06
AGENCY:
Department of Labor (Labor), Employment and Training Administration (ETA)

ITEM:
Notice seeking applications to support the enrollment of youth (16-24 years, in-and-out of school) into new or existing Registered Apprenticeship Programs (RAP), and ensure that wraparound services, such as childcare, transportation, and other support services that enable a participant's participation in the program, are provided to improve youth apprentices' prospects for success in the program.

ACTION:
Applications are due May 6, 2020. Approximately $42.5 million is available to support 15 to 20 awards.

LINKS:

CONTACT:
Andrea Chism, 202-693-2655. Email: chism.andrea.n@dol.gov (mailto:chism.andrea.n@dol.gov) and must specifically reference FOA-ETA-20-06.

HEALTH

FUNDING OPPORTUNITY:
Addressing Racial Disparities in Maternal Mortality and Morbidity (R01 Clinical Trial Optional)

FON:
RFA-MD-20-008

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

ITEM:
Notice seeking applications to support multidisciplinary research examining mechanisms underlying racial and ethnic disparities in maternal mortality and morbidity, testing the efficacy and/or effectiveness of multi-level interventions, and/or research strategies to optimally and sustainably deliver proven-effective prevention and treatment interventions to reduce these disparities.

ACTION:
Applications are due May 29, 2020. Optional letters of intent are due April 29, 2020. Multiple awards of up to $500,000 per year are available to support projects lasting up to five years.

LINKS:

CONTACT:
See the solicitation for a list by Institute.

FUNDING OPPORTUNITY:
Advanced Nursing Education Nurse Practitioner Residency Integration Program (ANE-NPRIP)

FON:
HRSA-20-118
AGENCY:
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Bureau of Health Workforce

ITEM:
Notice seeking applications to prepare new nurse practitioners (NPs) for primary care or behavioral health practice in integrated, community-based settings, through expansions and/or enhancements to existing 12-month Nurse Practitioner Residency (NPR) programs. For this program, supported nurse practitioner education and training specialties include: Family, Adult Family, Adult-Gerontology, Pediatric, Women's Health Care, Nurse Midwife, and Psychiatric-Mental Health.

ACTION:
Applications are due June 8, 2020. Approximately $5 million is available to support five awards.

LINKS:

CONTACT:
Debra A. Parchen, 301-443-2597. Email: ANE-NPRIP@hrsa.gov

FUNDING OPPORTUNITY:
Aging and Disability Resource Center No Wrong Door System Funding Opportunity: Critical Relief Funds for COVID-19 Pandemic Response

FON:
HHS-2020-ACL-CIP-NWIG-0431

AGENCY:
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

ITEM:
Notice seeking applications to support U.S. state and territories Aging and Disability Resource Center (ADRC) efforts to prevent, prepare for and respond to COVID-19. At an unprecedented pace, federal and state leaders, community based organizations, and all avenues of the health care system are expending their time and resources to respond to the COVID-19 pandemic. As a result of this crisis, there is urgent need to support the capacity of ADRCs and increase all efforts to coordinate services to overcome these new challenges.

ACTION:
Applications are due April 15, 2020. Eligibility is limited to U.S. states and territories but opportunities may exist for collaboration with colleges and universities.

Limited Submission:
One application per state or territory.

LINKS:

CONTACT:
Ami Patel, 202-795-7376. Email: Ami.Patel@acl.hhs.gov
FUNDING OPPORTUNITY:
Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD) Exploratory and Developmental Research Projects (UH2 Clinical Trial Optional)

FON:
RFA-AA-20-008

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

ITEM:
Notice seeking applications to address significant challenges in Fetal Alcohol Spectrum Disorders (FASD) research in the areas of diagnosis/screening, etiology, interventions and treatment. Cooperative Agreement (UH2) applications in response to this FOA should propose exploratory/developmental projects, based on new and innovative concepts, approaches, and technologies.

ACTION:
Optional letters of intent are due April 19, 2020. Applications are due May 19, 2020. Approximately $750,000 is available to support up to three awards.

LINKS:

CONTACT:
H. Joe Wang, 301-451-0747. Email: joe.wang1@nih.gov (mailto:joe.wang1@nih.gov)

---

FUNDING OPPORTUNITY:
DoD Prostate Cancer Awards

FON:
W81XWH-20-PCRP-HDRA (HDRA); W81XWH-20-PCRP-IDA (IDA); W81XWH-20-PCRP-PSORA (PSORA)

AGENCY:
Department of Defense (Defense), Congressionally Directed Medical Research Programs (CDMRP)

ITEM:
Notices seeking applications to support prostate cancer research through three types of awards: Health Disparity Research Awards (HDRA), Idea Development Awards (IDA), and Population Science and Outcomes Research Awards (PSORA).

ACTION:
Applications for HDRAs and PSORAs are due July 16, 2020. Applications for IDAs are due September 24, 2020. Approximately $10 million is available for up to 9 HDRA awards. Approximately $33.6 million is available for up to 30 IDA awards. Approximately $3.2 million is available for up to 2 PSORA awards.

LINKS:

CONTACT:
CDMRP Help Desk, 301-682-550. Email: Help@eBRAP.org (mailto:Help@eBRAP.org)
FUNDING OPPORTUNITY:
Intellectual and Developmental Disabilities Research Centers (IDDRC) FY 2021 (P50 Clinical Trial Optional)

FON:
RFA-HD-21-009

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

ITEM:
Notice inviting applications for research center grants designed to advance the diagnosis, prevention, treatment, and amelioration of intellectual and developmental disabilities (IDD). This FOA seeks applications from institutions that meet the qualifications for a multi-disciplinary program of IDD research that will include: 1) Cores that facilitate interdisciplinary and translational research in IDD and its dissemination, and that support IDD-related projects funded by other sources; and 2) at least one specific research project related to one of several focus themes identified as an area of research need in IDD.

ACTION:
Optional letters of intent are due 30 days prior to the application due date. Applications are due August 14, 2020. Approximately $6.5 million is available for five awards.

Limited Submission:
One application per institution

LINKS:

CONTACT:
Melissa A. Parisi, 301-435-6880. Email: parisima@mail.nih.gov (mailto:parisima@mail.nih.gov)

FUNDING OPPORTUNITY:
Limited Competition: International Epidemiology Databases to Evaluate AIDS (IeDEA) (U01 Clinical Trial Not Allowed)

FON:
RFA-AI-20-023

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

ITEM:
Notice seeking applications to continue the International epidemiology Databases to Evaluate AIDS (IeDEA) Program. This funding announcement also asks IeDEA to include a cohort of persons with tuberculosis (TB) to evaluate TB treatment outcomes. IeDEA facilitates access to data working with data consumers at the clinic, national, and global level and creating data tools.

ACTION:
Optional LOI’s are due 30 days prior to the application due date. Applications are due August 4, 2020. Awards vary by institute ranging from $500,000 to $9.9 million.

LINKS:

CONTACT:
Contacts vary by institute.

FUNDING OPPORTUNITY:
NIAMS Rheumatic Diseases Research Resource-based Centers (P30- Clinical Trial Not Allowed)

FON:
RFA-AR-21-002

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

ITEM:
Notice seeking applications to provide critical research infrastructure, shared facilities, services, and/or resources to groups of investigators conducting research on rheumatic diseases, enabling them to conduct their independently-funded individual and/or collaborative research projects more efficiently and/or more effectively, with the broad overall goal of accelerating, enriching, and enhancing the effectiveness of ongoing basic, translational, and clinical research and promoting new research within the NIAMS mission.

ACTION:
Optional letters of intent are due 30 days prior to the application due date. Applications are due October 6, 2020. Approximately $2 million is available to support up to four awards.

LINKS:

CONTACT:
Marie Mancini, 301-594-5032. Email: mancinim2@mail.nih.gov (mailto:mancinim2@mail.nih.gov)

FUNDING OPPORTUNITY:
NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01 Clinical Trial Optional)

FON:
RFA-MH-20-525

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)
ITEM:
Notice seeking applications to support the research and research career advancement of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long-term career commitment to research in specific mission areas of the NIMH.

ACTION:
Optional letters of intent are due 30 days prior to the application due date. Applications are due June 20, 2020; June 20, 2021; and June 20, 2022. Approximately $3 million is available to support 7 to 10 awards over three years.

LINKS:

CONTACT:
Eric R. Murphy, 301-443-9230. Email: eric.murphy@nih.gov (mailto:eric.murphy@nih.gov)

FUNDING OPPORTUNITY:
Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grant (Parent T35)

FON:
PA-20-162

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

ITEM:
Notice seeking applications from domestic institutions to develop and/or enhance research training opportunities for predoctoral students interested in careers in biomedical, behavioral, or clinical research. Many NIH Institutes and Centers (ICs) use this NRSA program exclusively to support intensive, short-term research training experiences for health professional students (medical students, veterinary students, and/or students in other health-professional programs) during the summer. This program is also intended to encourage training of graduate students in the physical or quantitative sciences to pursue research careers by short-term exposure to, and involvement in, the health-related sciences. The training should be of sufficient depth to enable the trainees, upon completion of the program, to have a thorough exposure to the principles underlying the conduct of biomedical research.

ACTION:

LINKS:

CONTACT:
Multiple contacts.
FUNDING OPPORTUNITY:
SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM X20.R SBIR COMMERCIAL SOLUTIONS OPENING (CSO) AF VENTURES DIRECT TO PHASE II

FON:
AF20R-DCSO1

AGENCY:
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

ITEM:
Notice seeking Phase II SBIR proposals for a newly announced focus area, designed to support the AF COVID-19 response, as part of a previously announced funding opportunity.

ACTION:
Applications are due April 30, 2020.

LINKS:
Contract Opportunities (https://tinyurl.com/stovuuuz)

CONTACT:
Kristina Croake, Email: kristina.croake@us.af.mil

MEETING:
National Research Advisory Council; Notice of Meeting

AGENCY:
Department of Veterans Affairs (VA)

ITEM:
Notice announcing a meeting of National Research Advisory Council which advises the Secretary on research development conducted by the Veterans Health Administration, including policies and programs targeting the high priority of Veterans' health care needs.

ACTION:
The meeting will occur on June 3, 2020 at 1100 1st, NE, Room 104, Washington, DC 20002. The meeting will convene at 9:00 a.m. and end at 3:30 p.m., ET.

LINKS:

CONTACT:
Marisue Cody, 202-443-5681. Email: Marisue.Cody@va.gov

NOTICE:
Catalyzing Innovation in Pediatric Pharmacology Clinical Trial Design and Resource Access (X01 Clinical Trial Not Allowed)

FON:
PAR-20-161
AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

ITEM:
Notice providing investigators with access to a consultative resource for planning activities and concept development for single or multi-site investigator initiated clinical trials that address gaps in pediatric drug development and that align with priorities identified in the Best Pharmaceuticals for Children Act (BPCA) Program. The FOA will support the development of clinical trials concepts of future well-designed clinical trials that require non-traditional designs in pediatric therapeutics with the opportunity to expand novelty and/or innovation. Investigators will have access to the expertise in pediatric drug development trial designs by utilizing the consultative services provided by the Pediatric Trials Network (PTN) and the BPCA Data Coordinating Center.

ACTION:
Applications are due September 14, 2020 and March 17 annually through 2023. There is no budget associated with X01 Resource Access Awards.

LINKS:

CONTACT:
Perdita Taylor-Zapata, 301-496-9584. Email: taylorpe@mail.nih.gov

SCIENCE / TECHNOLOGY / ENGINEERING / MATH

FUNDING OPPORTUNITY:
ADvanced Acclimation and Protection Tool for Environmental Readiness (ADAPTER) Department of Defense

FON:
HR001120S0041

AGENCY:
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Biological Technologies Office (BTO)

ITEM:
Notice seeking applications to integrate engineered cells and biochemicals into an internal, bioelectronics carrier that the warfighter can signal, as needed, to initiate the production and release of therapies that either eliminate the principal cause of traveler's diarrhea - pathogenic bacteria - or regulate disrupted circadian rhythms caused by jetlag or shift work schedules.

ACTION:

LINKS:

CONTACT:
BAA Coordinator, Email: ADAPTER@darpa.mil
FUNDING OPPORTUNITY:
Air Space Total Awareness for Rapid Tactical Execution (ASTARTE)

FON:
HR001120S0039, DARPA-SN-20-47 (Proposers Day)

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

ITEM:
Notice seeking proposals to develop a virtual and live testbed for airspace management systems, a series of algorithms for airspace planning and operations, and a sensor network for delivering real-time spatial and temporal tracking of airborne platforms.

ACTION:
Proposals are due June 23, 2020. Optional abstracts are due April 28, 2020. Questions are due May 14, 2020. A webinar proposers day will be held April 21, 2020 from 1:00 pm to 3:00 pm, ET. Multiple awards are anticipated.

LINKS:
Contract Opportunities (https://tinyurl.com/sq2b3pv), Contract Opportunities (Proposers Day) (https://tinyurl.com/w7tctsl)

CONTACT:
BAA Coordinator, Email: HR001120S0039@darpa.mil

FUNDING OPPORTUNITY:
Announcement for Program Funding for NRCS’ Conservation Innovation Grants (CIG) for Federal fiscal year (FY) 2020 – Vermont - Pacific Island Area

FON:
USDA-NRCS-VT-CIG-20-GEN0010796 (Vermont); USDA-NRCS-PIA-20-GEN0010774 (Pacific Islands Area)

AGENCY:
United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

ITEM:
Notices seeking applications to support projects that stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. Projects must take place in Vermont or in the Pacific Islands Area as defined in the notices.

ACTION:
Applications for the Pacific Islands Area solicitation are due June 8, 2020. Applicants for the Vermont solicitation are due June 6, 2020. Awards ranging from $10,000 to $250,000 are available for projects in Vermont. Awards of up to $150,000 are available for projects in the Pacific Islands Area.

LINKS:

CONTACT:
FUNDING OPPORTUNITY:
Aviation Research BAA

FON:
692M15-20-R-00004

AGENCY:
U.S. Department of Transportation (DOT)

ITEM:
Notice seeking research proposals on a variety of topics related to aircraft and airport safety in the areas of Fire Safety, Human Factors, Airport Technology research and development, Software & Systems, and Structures & Propulsion.

ACTION:
White paper proposals are accepted on a rolling basis through November 2024.

LINKS:

CONTACT:
Email: 9-ACT-AAQ-600-BAA@FAA.gov (mailto:9-ACT-AAQ-600-BAA@FAA.gov)

---

FUNDING OPPORTUNITY:
Cyber-Physical Systems

FON:
20-563

AGENCY:
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

ITEM:
Notice seeking proposals for research with potential to advance the field of Cyber-Physical Systems (CPS), engineered systems that are built from, and depend upon, the seamless integration of computation and physical components. Advances are sought to enable capability, adaptability, scalability, resiliency, safety, security, and usability that will expand the horizons of CPS. Core research areas of the program include control, data analytics, and machine learning—including real-time learning for control, autonomy, design, Internet of Things, mixed initiatives including human-in- or human-on-the-loop, networking, privacy, real-time systems, safety, security, and verification.

ACTION:
Medium proposals are due in the window of June 8 through June 22, 2020. Multiple Medium awards, ranging from $500,000 to $1.2 million, are available to support projects lasting up to three years. Frontier proposals are due December 2, 2020 and annually on the first Wednesday in December thereafter. Multiple Frontier awards are anticipated, ranging from $1.5 million to $7 million, to support projects lasting four to five years. No Small proposals are sought in FY 20 (awards up to $500,000 for...
projects lasting up to three years), but Small and Medium proposals are anticipated to be accepted on a rolling basis in FY 21 and beyond.

LINKS:

CONTACT:
See the Agency Site for a list of program contacts.

FUNDING OPPORTUNITY:
FAIR Data and Models for Artificial Intelligence and Machine Learning

FON:
DE-FOA-0002306

AGENCY:
Department of Energy (Energy), Office of Science

ITEM:
Notice seeking applications with an interest in making research data and artificial intelligence (AI) models findable, accessible, interoperable, and reusable (FAIR1) to facilitate the development of new AI applications in SC's congressionally authorized mission space, which includes the advancement of AI research and development. In particular, ASCR is interested in supporting FAIR benchmark data for AI; and FAIR frameworks for relating data and AI models.

ACTION:
Required letters of intent are due April 17, 2020. Applications are due May 15, 2020. Approximately $8.5 million is available for up to seven awards.

Limited Submission:
Applicant institutions are limited to no more than three letters of intent, or applications for each PI at the applicant institution.

LINKS:

CONTACT:
Laura Biven, 301-903-5000. Laura.Biven@science.doe.gov

FUNDING OPPORTUNITY:
Hydrologic Sciences (HS)

FON:
20-560

AGENCY:
Directorate for Geosciences (GEO), National Science Foundation (NSF)

ITEM:
Notice supporting basic research on the fluxes of water in the terrestrial environment that constitute the water cycle as well as the mass and energy transport function of the water cycle. The Program
supports the study of processes including (but not limited to): rainfall, runoff, infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components. The Program is interested in how water interacts with the landscape and the ecosystem as well as how the water cycle and its coupled processes are altered by land use and climate.

**ACTION:**
Proposals are accepted anytime. Approximately $10 million is available for up to 30 awards.

**LINKS:**

**CONTACT:**
Laura Lautz, 703-292-7775. Email: llautz@nsf.gov (mailto:llautz@nsf.gov)

---

**FUNDING OPPORTUNITY:**
Montana - Dakotas Cultural and Paleontological Resource Management

**FON:**
L20AS00075

**AGENCY:**
Bureau of Land Management (BLM), Department of the Interior (Interior) , Cultural Heritage and Paleontology Program

**ITEM:**
Notice seeking applications to develop partnerships to improve access to, and use, of heritage resources, and promote their educational, scientific, cultural, and recreational values in a manner that meets U.S. Department of the Interior priorities and Cultural Heritage and Paleontology Program goals.

**ACTION:**
Applications are due June 5, 2020. Approximately $250,000 is available for up to five awards.

**LINKS:**

**CONTACT:**
Gary Smith, 406-896-5214. Email: gsmith@blm.gov (mailto:gsmith@blm.gov)

---

**FUNDING OPPORTUNITY:**
Montana-Dakotas Fuels Management & Community Fire Assistance Program Activities

**FON:**
L20AS00074

**AGENCY:**
Bureau of Land Management (BLM), Department of the Interior (Interior)
ITEM:
Notice seeking applications for a risk-based approach that supports the National Cohesive Wildland Fire Management Strategy goals of restoring and maintaining Fire Resilient Landscapes, Creating Fire Adapted Communities and Responding to Wildfire.

ACTION:
Applications are due May 5, 2020. Approximately $250,000 is available.

LINKS:

CONTACT:
Chris Barth, 406-896-2977. Email: cbarth@blm.gov (mailto:cbarth@blm.gov)

FUNDING OPPORTUNITY:
Opportunities for Promoting Understanding through Synthesis

FON:
20-564

AGENCY:
National Science Foundation (NSF)

ITEM:
Notice seeking applications to revisit and synthesize a significant body of their prior research or data they have previously collected to enable new understanding. This program is appropriate for scientists at any career stage and for any synthetic activities that aim to produce unique, integrated insight useful to the scientific community, now and in the future.

ACTION:
Applications are due August 3, 2020 and the first Monday in August, annually thereafter.

LINKS:

CONTACT:
NSF grants.gov support, Email: grantsgovsupport@nsf.gov

FUNDING OPPORTUNITY:
ROSES 2020: LISA Preparatory Science

FON:
NNH20ZDA001N-LPS

AGENCY:
National Aeronautics and Space Administration (NASA)

ITEM:
Notice seeking applications to support U.S. investigators to conduct activities that contribute to furthering the eventual science yield of LISA, (Laser Interferometer Space Antenna), a gravitational wave observatory planned for launch in the early 2030s.
ACTION:
Required notices of intent are due September 15, 2020. Applications are due December 15, 2020. Approximately four to six awards are anticipated with first-year budgets of up to $1 million to support projects lasting up to three years (shorter terms are encouraged).

LINKS:

CONTACT:
Thomas Hams, 202-358-5162. Email: thomas.hams-1@nasa.gov (mailto:thomas.hams-1@nasa.gov)

MEETING:
Advisory Committee for Geosciences; Notice of Meeting

AGENCY:
National Science Foundation (NSF)

ITEM:
Notice announcing a meeting of the Advisory Committee for Geosciences to advise, recommend, and oversee support for geoscience research and education including atmospheric, geo-space, earth, ocean and polar sciences.

ACTION:
The virtual meeting will be held on May 7, 2020 from 1:00 p.m. to 2:00 p.m. Connection information will be made available on the AC GEO website at least two weeks prior to the meeting at: https://www.nsf.gov/geo/advisory.jsp.

LINKS:

CONTACT:
Melissa Lane, 703-292-8500.

MEETING:
Commerce Spectrum Management Advisory Committee Meeting

AGENCY:
Department of Commerce (Commerce), National Telecommunications and Information Administration (NTIA)

ITEM:
Notice announcing a teleconference of the Commerce Spectrum Management Advisory Committee to discuss spectrum management policies that enable the United States to maintain or strengthen its global leadership role in the introduction of communications technology, services, and innovation.

ACTION:
The virtual meeting will be held on April 22, 2020 from 1:00 p.m. to 4:00 p.m. Attendees can join by audio teleconference. Dial 866-652-3435/ participant code 28570198. Public comments may be emailed to dreed@ntia.gov or mailed to Commerce Spectrum Management Advisory Committee,
MEETING:
Hydrographic Services Review Panel Meeting

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

ITEM:
Notice announcing an open public virtual meeting of the Hydrographic Services Review Panel to discuss stakeholder use of navigation services data, products and services, Seabed 2030 and ocean mapping plans, hydrographic surveys, nautical charting including the Five-Year Plan for Sunsetting Traditional NOAA Paper Charts, the National Spatial Reference System and datums updates for 2022, legislative priorities and other topics.

ACTION:
The virtual meeting will be held on April 28, 2020 at 1:00 p.m. ET. Advance registration is required. Click here to register: https://register.gotowebinar.com/rt/6546237546550851853.

LINKS:
Federal Register (https://www.federalregister.gov/documents/2020/04/08/2020-07352/hydrographic-services-review-panel-meeting)

CONTACT:
Lynne Mersfelder-Lewis, Email: hydroservices.panel@noaa.gov (mailto:hydroservices.panel@noaa.gov)

MEETING:
National and Governmental Advisory Committees to the U.S. Representative to the Commission for Environmental Cooperation

FON:
2020-07219

AGENCY:
Environmental Protection Agency (EPA)

ITEM:
Notice announcing a meeting scheduled to provide advice to the EPA Administrator, regarding the draft 2021-2025 Strategic Plan of the Commission for Environmental Cooperation.

ACTION:
The meeting will be held via teleconference April 10, 2020 from 11:00 a.m. to 3:00 p.m., ET. Register with the contact to attend.
MEETING:
State Energy Advisory Board

AGENCY:
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

ITEM:
Notice announcing a Virtual Meeting of the State Energy Advisory Board (STEAB). The purpose of the meeting is to discuss opportunities and engagement within Energy Efficiency Sector, and EERE Technology Offices will discuss various funding opportunities and ways the State Energy Office can access DOE resources.

ACTION:
The virtual will be held Wednesday, May 6, 2020, from 12:00 p.m. to 4:00 p.m. (ET). For more information, contact Jay Nathwani.

LINKS:

CONTACT:
Jay Nathwani, 202-586-9410. Email: jay.nathwani@ee.doe.gov (mailto:jay.nathwani@ee.doe.gov)

This information was compiled and edited by Ken McDonald with assistance from the GRC Staff.