Notices from August 06, 2020 to August 11, 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
    - International Research Experiences for Students
    - Kazakhstan American Corners Grants
    - Public Humanities Projects
    - U.S. Embassy Algiers PAS Annual Program Statement
  - Meetings
    - Board for International Food and Agricultural Development

- EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT
  - Funding Opportunities
    - NRCS's Regional Conservation Partnership Program (RCPP) for Federal Fiscal Years (FYs) 2020 and 2021
    - Rehabilitation Services Administration (RSA)
    - Rural Placement Innovation Challenge (RPIC)

- HEALTH
  - Funding Opportunities
    - Cellular and Molecular Biology of Complex Brain Disorders (R01 Clinical Trial Not Allowed)
    - Cooperative Research Agreements Related to the World Trade Center Health Program (U01)
    - Emergency Awards RADx-RAD: Screening for COVID-19 by Electronic-Nose Technology (SCENT) (U18 Clinical Trial Not Allowed)
    - Emergency Awards: Automatic Detection and Tracing of SARS-CoV-2 (U01 Clinical Trial Not Allowed)
    - Emergency Awards: Chemosensory Testing as a COVID-19 Screening Tool (U01 Clinical Trial Optional)
    - Emergency Awards: Exosome-based Non-traditional Technologies Towards Multi-Parametric and Integrated Approaches for SARS-CoV-2 (U18 Clinical Trial Not Allowed)
    - Emergency Awards: RADx-RAD Multimodal COVID-19 surveillance methods for high risk clustered populations (R01 Clinical Trial Optional)
    - Emergency Awards: RADx-rad Predicting Viral-Associated Inflammatory Disease Severity in Children with Laboratory Diagnostics and Artificial Intelligence (PreVAIL kids) (R61-R33 Clinical Trial Optional)
    - Emergency Awards: RADx-rad Wastewater Detection of SARS-COV-2 (COVID-19) (U01 - Clinical Trials Not Allowed)

- SCIENCE / TECHNOLOGY / ENGINEERING / MATH
Funding Opportunities
- 2020 DHS SLA for Minority Serving Institutions
- Arctic Doctoral Dissertation Research Improvement Grants (Arctic DDRIG) Arctic Social Sciences, Arctic System Sciences, and Arctic Observing Network
- Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
- Innovations in Graduate Education (IGE) Program
- NOAA RESTORE Science Program 2021
- Plasma Physics
- Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Meetings
- Electricity Advisory Committee
- Request for Information on Integration of Automated and Autonomous Commercial Vessels and Vessel Technologies Into the Maritime Transportation System

ARTS / HUMANITIES / INTERNATIONAL

FUNDING OPPORTUNITY:
International Research Experiences for Students

FON: 20-598

AGENCY: National Science Foundation (NSF)

ITEM: Notice seeking applications to support active research participation by undergraduate and/or graduate students in high quality international research, education and professional development experiences in NSF-funded research areas. Proposers are required to select one of two tracks to submit their proposal: Track I, IRES Sites, which focuses on the development of world-class research skills in international cohort experiences; and Track II, Advanced Studies Institutes, which is dedicated to targeted, intensive learning and training opportunities that leverage international knowledge at the frontiers of research.

ACTION: Applications are due November 12, 2020 for Track I or Track II. Approximately $10 million is available for up to 32 awards.


CONTACT: Fahmida Chowdhury, 703-292-4672. Email: fchowdhu@nsf.gov
FUNDING OPPORTUNITY:
Kazakhstan American Corners Grants

FON:
DOS-KAZ-NS-PAS-20-011

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

ITEM:
Notice seeking applications to support the development and implementation of strategic programming at American Corners in Kazakhstan. Programs are sought in four core program areas: 1) Accurate Information About the United States; 2) English Language Learning; 3) Study in the United states; and 4) Culture and STEAM.

ACTION:
Proposals are due September 11, 2020. Approximately 30 awards ranging from $2,500 to $50,000 are available to support projects lasting up to 12 months.

LINKS:

CONTACT:
Zhanar Kulzhayeva, Email: KZ-PAS-Proposals@state.gov (include the Funding Opportunity Title and Number in the subject line).

FUNDING OPPORTUNITY:
Public Humanities Projects

FON:
20200907-BP-BR-GE-GG-GI

AGENCY:
National Endowment for the Humanities (NEH), Division of Public Programs

ITEM:
Notice seeking applications support projects that bring the ideas and insights of the humanities to life for general audiences through in-person programming. Projects must engage humanities scholarship to analyze significant themes in disciplines such as history, literature, ethics, and art history.

ACTION:
Applications are due September 8, 2020 and January 6, 2021. Approximately $2.7 million is available for 19 awards.

LINKS:

CONTACT:
Division of Public Programs, 202-606-8269. Email: publicpgms@neh.gov (mailto:publicpgms@neh.gov)

FUNDING OPPORTUNITY:
U.S. Embassy Algiers PAS Annual Program Statement

FON:
PAS-ALG-FY-2001

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

ITEM:
Notice seeking proposals for programs that strengthen cultural ties between the United States and Algeria through cultural and exchange programming that highlights shared values and bilateral cooperation. Priority Program Areas include the following: Women, Peace, and Security; Countering Violent Extremism; Preservation and Protection of Cultural Heritage; Entrepreneurship and Career Development; English Language Acquisition; Educational Opportunities at U.S. Colleges and Universities; Civil Society Development; and U.S.-Algerian Economic ties.

ACTION:
Applications are due August 31, 2020. Approximately five awards ranging from $1,000 to $250,000 are available.

LINKS:

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

MEETING:
Board for International Food and Agricultural Development

AGENCY:
United States Agency for International Development (USAID)

ITEM:
Notice announcing a meeting of the Board for International Food and Agricultural Development. The purpose of the meeting is to provide an update on the impacts of the pandemic on nutrition outcomes and to discuss USAID’s response. The COVID-19 crisis risks backsliding on nutrition gains with irrevocable impacts on mortality and lost potential.

ACTION:
The meeting will be held on September 14, 2020 from 10:00 a.m. to 12:30 p.m. ET at http://www.aplu.org/projects-and-initiatives/international-programs/bifad/bifad-meetings.html.
EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT

FUNDING OPPORTUNITY:
NRCS's Regional Conservation Partnership Program (RCPP) for Federal Fiscal Years (FYs) 2020 and 2021

FON:
USDA-NRCS-NHQ-RCPPC-21-NOFO0001033

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

ITEM:
Notice promoting the coordination of NRCS conservation activities with partners that offer value-added contributions to expand our collective ability to address on-farm, watershed, and regional natural resource concerns. Through RCPP, NRCS seeks to co-invest with partners to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.

ACTION:
Proposals are due November 4, 2020. Approximately $360 million is available for multiple awards.

LINKS:

CONTACT:
Multiple contacts

FUNDING OPPORTUNITY:
Rehabilitation Services Administration (RSA)

FON:
ED-GRANTS-080620-002 (CFDA Number 84.263D), ED-GRANTS-080620-003 (CFDA Number 84.263E), ED-GRANTS-080620-004 (CFDA Number 84.263F), ED-GRANTS-080620-006 (CFDA Number 84.177Z)

AGENCY:
Department of Education (Education), Office of Special Education and Rehabilitation Services (OSERS)

ITEM:
Notice announcing opportunities to provide leadership and resources to assist state and other agencies in providing vocational rehabilitation (VR) and other services to individuals with disabilities to maximize their employment, independence and integration into the community and the competitive labor market.

ACTION:
Deadlines and award information vary by opportunity. See Grants.gov for details by CFDA number.
FUNDING OPPORTUNITY:
Rural Placement Innovation Challenge (RPIC)

FON:
RD-RPIC-2020

AGENCY:
United States Department of Agriculture (USDA)

ITEM:
Notice seeking applications for planning support and technical assistance to foster placemaking activities in rural communities. Funds will help enhance capacity for broadband access; preserve cultural and historic structures; and support the development of transportation, housing, and recreational spaces.

ACTION:
Applications are due September 10, 2020. Approximately $1 million is available. Cost share of 15 percent is required.

Limited Submission:
Applicants may not submit more than one application

LINKS:

CONTACT:
Angela Callie, 202-568-9738. Email: angela.callie@usda.gov

HEALTH
FUNDING OPPORTUNITY:
Cellular and Molecular Biology of Complex Brain Disorders (R01 Clinical Trial Not Allowed)

FON:
PAR-20-263

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

ITEM:
Notice seeking applications for research on the biology of high confidence risk factors associated with complex brain disorders, with a focus on the intracellular, transcellular and circuit substrates of neural function.

ACTION:
Applications are due annually on February 5, June 5 and October 5. Program expires September 8, 2023.

LINKS:

CONTACT:
David Panchision, 301-443-5288. Email: panchisiond@mail.nih.gov (mailto:panchisiond@mail.nih.gov)

FUNDING OPPORTUNITY:
Cooperative Research Agreements Related to the World Trade Center Health Program (U01)

FON:
RFA-OH-21-002

AGENCY:
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Institute for Occupational Safety and Health (NIOSH)

ITEM:
Notice seeking applications for scientifically rigorous research to help answer critical questions about: Physical and mental health conditions that may be related to the September 11, 2001, terrorist attacks; Diagnosing WTC-related health conditions for which there has been diagnostic uncertainty; and Treating WTC-related health conditions for which there has been treatment uncertainty.

ACTION:
Optional letters of intent are due November 6, 2020 and November 1, annually thereafter. Applications are due December 8, 2020; December 7, 2021; December 6, 2022; December 5, 2023; and December 10, 2024. Approximately $75 million is available to support 40 to 50 awards over five years.

LINKS:

CONTACT:
James Yiin, 513-841-4271. Email: JYiin@cdc.gov (mailto:JYiin@cdc.gov)

FUNDING OPPORTUNITY:
Emergency Awards RADx-RAD: Screening for COVID-19 by Electronic-Nose Technology (SCENT) (U18 Clinical Trial Not Allowed)

FON:
RFA-OD-20-017

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

ITEM:
Notice seeking applications for a portable sensing device to detect volatile organic compounds (VOCs, i.e., scents or odors) emanating from skin or exhaled breath, saliva and different oral tissues from the
oral cavity. These sensing devices must be able to associate VOC patterns to patients with symptomatic and asymptomatic COVID-19.

ACTION:
Optional letters of intent are due August 18, 2020. Applications are due September 18, 2020. Approximately $10 million is available for five awards.

Limited Submission:
Only one application per institution is allowed.

LINKS:

CONTACT:
Carol Lambert, 301-435-0814. Email: lambert@mail.nih.gov

FUNDING OPPORTUNITY:
Emergency Awards: Automatic Detection and Tracing of SARS-CoV-2 (U01 Clinical Trial Not Allowed)

FON:
RFA-OD-20-014

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

ITEM:
Notice supporting the early stage development of an innovative platform that integrates biosensing with touchscreen or other digital devices to achieve detection and tracing of SARS-CoV-2 in real-time. Projects are expected to demonstrate proof-of-concept of SARS-CoV-2 detection with high sensitivity and specificity, sensor functionality, and automatic detection by touchscreen or other digital devices.

ACTION:
Optional letters of intent are due August 21, 2020. Applications are due September 15, 2020. Approximately $10 million is available for 10 awards.

LINKS:

CONTACT:
Abraham Bautista, 301-443-9737. Email: abraham.bautista@nih.gov

FUNDING OPPORTUNITY:
Emergency Awards: Chemosensory Testing as a COVID-19 Screening Tool (U01 Clinical Trial Optional)

FON:
RFA-OD-20-022

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)
ITEM:
Notice seeking applications to enhance the utility of chemosensory testing as a COVID-19 screening tool by using objective tests to examine the onset and prognostic value of chemosensory loss and to encourage the development and/or deployment of home-based and on-site chemosensory tests.

ACTION:
Applications are due September 15, 2020. Approximately $7 million for up to six awards.

LINKS:

CONTACT:
Multiple contacts

FUNDING OPPORTUNITY:
Emergency Awards: Exosome-based Non-traditional Technologies Towards Multi-Parametric and Integrated Approaches for SARS-CoV-2 (U18 Clinical Trial Not Allowed)

FON:
RFA-OD-20-018

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

ITEM:
Notice seeking applications to use developed technologies for single vesicle or exosome isolation and analysis and reposition these technologies for the detection of SARS-CoV-2.

ACTION:
Optional letters of intent are due August 18, 2020. Applications are due September 18, 2020. Approximately $10 million is available for five awards.

Limited Submission:
Only one application per institution is allowed.

LINKS:

CONTACT:
Carol Lambert, 301-435-0814. Email: lambert@mail.nih.gov (mailto:lambert@mail.nih.gov)

FUNDING OPPORTUNITY:
Emergency Awards: RADx-RAD Multimodal COVID-19 surveillance methods for high risk clustered populations (R01 Clinical Trial Optional)

FON:
RFA-OD-20-016

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)
ITEM:
Notice inviting applications to pursue development and validation studies of COVID-19 surveillance methods, not based or focused on direct viral testing of individuals, in settings and institutions, including residential, with a high density of individuals who are together for prolonged periods of time.

ACTION:
Optional letters of intent are due August 30, 2020. Applications are due September 30, 2020. Approximately $7 million is available for up to eight awards.

LINKS:

CONTACT:
Email: NIDALetterofIntent@mail.nih.gov

FUNDING OPPORTUNITY:
Emergency Awards: RADx-rad Predicting Viral-Associated Inflammatory Disease Severity in Children with Laboratory Diagnostics and Artificial Intelligence (PreVAIL klds) (R61-R33 Clinical Trial Optional)

FON:
RFA-OD-20-023

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

ITEM:
Notice seeking applications to support innovative research to develop novel, new or unique and non-traditional approaches to identify and characterize the spectrum of SARS CoV-2 associated illness, including the multisystem inflammatory syndrome in children (MIS-C) and, through a prognostic algorithm, predict the longitudinal risk of disease severity after a child is exposed to and may be infected with SARS-CoV-2 to properly tailor his or her management and optimize health outcomes.

ACTION:
Optional letters of intent are due 30 days prior to application due date. Applications are due September 30, 2020. Approximately $5 million is available for up to six awards.

LINKS:

CONTACT:
Bill G. Kapogiannis, 301-402-0698. Email: kapogiannisb@mail.nih.gov

FUNDING OPPORTUNITY:
Emergency Awards: RADx-rad Wastewater Detection of SARS-COV-2 (COVID-19) (U01 - Clinical Trials Not Allowed)

FON:
RFA-OD-20-015
AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

ITEM:
Notice soliciting cooperative agreements both for field studies and for small business research and development projects in the field of WBT, to address topics such as: investigation and demonstration of specific approaches aiming to increase sensitivity and to inform and optimize sample collection; implementation and development of optimized approaches to extrapolate estimation of population-level data within the community; development of optimized intervention strategies, and incorporation of computational, statistical, and mathematical models.

ACTION:
Optional letters of intent are due August 15, 2020. Applications are due September 15, 2020. Approximately $19 million is available for up to 10 awards.

LINKS:

CONTACT:
Leonardo Angelone, 301-827-5946. Email: leonardo.angelone@nih.gov (mailto:leonardo.angelone@nih.gov)

SCIENCE / TECHNOLOGY / ENGINEERING / MATH

FUNDING OPPORTUNITY:
2020 DHS SLA for Minority Serving Institutions

FON:
DHS-20-ST-062-001

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

ITEM:
Notice seeking applications for the Scientific Leadership Awards (SLA) to develop programs providing experiential learning activities for students already studying science, technology, engineering, and mathematics an opportunity to connect to ongoing DHS research programs. SLA recipients will engage with local community colleges to identify the strengths of their local communities and promote their degree completion and transition from 2-year to 4-year institutions.

ACTION:
Applications are due October 9, 2020. Up to $470,000 per award is available to support seven awards.

LINKS:

CONTACT:
Gregory Simmons, 202-254-5631. Email: gregory.simmons@hq.dhs.gov (mailto:gregory.simmons@hq.dhs.gov)
FUNDING OPPORTUNITY:
Arctic Doctoral Dissertation Research Improvement Grants (Arctic DDRIG) Arctic Social Sciences, Arctic System Sciences, and Arctic Observing Network

FON: 20-597

AGENCY:
Directorate for Geosciences (GEO), National Science Foundation (NSF), Office Polar Programs (OPP)

ITEM:
Notice seeking proposals to conduct dissertation-level research about and related to the Arctic region. The Programs that are currently accepting DDRIG proposals are the Arctic Social Sciences (ASSP), Arctic System Science (ARCSS), and Arctic Observing Network (AON) Programs.

ACTION:
Proposals are due December 15, 2020 and May 17, 2021. Approximately $1.25 million is available to support 25 awards.

LINKS:

CONTACT:
Roberto Delgado, 703-292-2397. Email: robdelga@nsf.gov

FUNDING OPPORTUNITY:
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences

FON: PD-20-8069

AGENCY:
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF), Division of Mathematical Sciences (DMS)

ITEM:
Notice seeking proposals that engage with the mathematical and statistical challenges presented by (1) the ever-expanding role of computational experimentation, modeling, and simulation on the one hand, and (2) the explosion in production and analysis of digital data from experimental and observational sources on the other. The goal of the program is to promote the creation and development of the next generation of mathematical and statistical software tools, and the theory underpinning those tools, that will be essential for addressing these challenges.

ACTION:
Proposals are due between September 1, 2020 to September 15, 2020.

LINKS:

CONTACT:
Yong Zeng, 703-292-7902. Email: yzeng@nsf.gov
FUNDING OPPORTUNITY:  
Innovations in Graduate Education (IGE) Program

FON:  
20-595

AGENCY:  
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF), Division of Graduate Education (DGE)

ITEM:  
Notice seeking proposals designed to encourage the development and implementation of bold, new, and potentially transformative approaches to STEM graduate education training. The program seeks proposals that explore ways for graduate students in research-based master's and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers.

ACTION:  
Proposals are due November 4, 2020 and March 22, 2022. Approximately $4 million is available.

Limited Submission:  
Two applications per organization

LINKS:  

CONTACT:  
Daniel Denecke, 703-292-8072. Email: ddenecke@nsf.gov

FUNDING OPPORTUNITY:  
NOAA RESTORE Science Program 2021

FON:  
NOAA-NOS-NCCOS-2021-2006590

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

ITEM:  
Notice seeking applications to carry out research, observation, and monitoring to support, to the maximum extent practicable, the long-term sustainability of the ecosystem, fish stocks, fish habitat, and the recreational, commercial, and charter-fishing industry in the Gulf of Mexico.

ACTION:  
Required letters of intent are due September 29, 2020. Full proposals are due December 15, 2020. Approximately $2.5 million is available for up to 20 awards ranging from $25,000 to $125,000 each to support projects lasting up to 12 months.

LINKS:  

CONTACT:  

Frank Parker, 301-602-5577. Email: frank.parker@noaa.gov

FUNDING OPPORTUNITY:
Plasma Physics

FON:
PD-20-1242

AGENCY:
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

ITEM:
Notice seeking proposals to support research that can be categorized by several broad, sometimes overlapping, sub-areas of the discipline, including: magnetized plasmas in the laboratory, space, and astrophysical environments; high energy density plasmas; low temperature plasmas; dusty, ultra-cold, and otherwise strongly coupled plasmas; non-neutral plasmas; and intense field-matter interaction in plasmas.

ACTION:
Proposals are due November 16, 2020 and the third Monday in November, annually, thereafter. Approximately 25 awards are available.

LINKS:

CONTACT:
Vyacheslav Lukin, 703-292-7382. Email: vlukin@nsf.gov

FUNDING OPPORTUNITY:
Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

FON:
HR001120S0019

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

ITEM:
Notice announcing the release of three SBIR/STTR opportunities: Rapid, flexible de novo manufacturing of DNA molecules for synthetic biology and therapeutic applications; Trust Worthy Information Storage Technology Enhanced Devices (TWISTED); and Cryptography for Hyper-scale Architectures in a Robust Internet Of Things (CHARIOT).

ACTION:
Applications for all three competitions are due September 29, 2020. Links to all three competitions are available in the attachment to this notice. Eligibility is limited to small businesses but colleges and universities may partner.

LINKS:
CONTACT:
Email: HR001120S0019@darpa.mil (mailto:HR001120S0019@darpa.mil)

MEETING:
Electricity Advisory Committee

FON:
2020-17517

AGENCY:
Department of Energy (Energy)

ITEM:
Notice announcing a meeting scheduled to discuss and vote on the Energy Storage Grand Challenge RFI response.

ACTION:
The meeting will be held August 26, 2020 from 1:45 p.m. to 3:00 p.m., ET via WebEx and teleconference. Register to attend at https://www.energy.gov/oe/august-26-2020-meeting-electricity-advisory-committee (https://www.energy.gov/oe/august-26-2020-meeting-electricity-advisory-committee)

LINKS:

CONTACT:
Christopher Lawrence, 202-586-5260. Email: Christopher.lawrence@hq.doe.gov (mailto:Christopher.lawrence@hq.doe.gov)

MEETING:
Request for Information on Positioning, Navigation, and Timing Resilience

AGENCY:
Office of Science and Technology Policy (OSTP)

ITEM:
Notice seeing information from all interested parties on the development of a National Research and Development Plan for Positioning, Navigation, and Timing (PNT) Resilience. The plan will focus on the research and development (R&D) and pilot testing needed to develop additional PNT systems and services that are resilient to interference and manipulation and that are not dependent upon global navigation satellite systems (GNSS).

ACTION:
Comments are due by September 9, 2020.

LINKS:

CONTACT:
NOTICE:
Request for Information on Integration of Automated and Autonomous Commercial Vessels and Vessel Technologies Into the Maritime Transportation System

FON:
2020-17496

AGENCY:
(Cons Guard), Department of Homeland Security (Homeland Security)

ITEM:
Notice seeking comments regarding the introduction and development of automated and autonomous commercial vessels and vessel technologies subject to U.S. jurisdiction, on U.S. flagged commercial vessels, and in U.S. port facilities.

ACTION:
Comments are due October 13, 2020.

LINKS:

CONTACT:
Ted Kim, 202-372-1528. Email Ted.J.Kim3@uscg.mil (mailto:Ted.J.Kim3@uscg.mil)