

ARTS, HUMANITIES, and INTERNATIONAL

International Research Experiences for Students
National Science Foundation (NSF)

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.

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

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

Kazakhstan American Corners Grants
Department of State (State), U.S. Mission to Kazakhstan

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.

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

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

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.

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

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

U.S. Embassy Algiers PAS Annual Program Statement
Department of State (State), U.S. Mission to Algeria

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.

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

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

Board for International Food and Agricultural Development
United States Agency for International Development (USAID)

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.

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>.

LINKS: [Federal Register](https://www.federalregister.gov)

2020 TIP Office Annual Program Statement to Address the Impacts of COVID-19
Department of State (State), Office to Monitor-Combat Trafficking in Persons (TIP)

Notice seeking proposals to address the impacts of COVID-19 on efforts to combat human trafficking and support government measures to counter human trafficking. Applicants are encouraged to propose activities that will help organizations and partner governments continue to combat trafficking in persons despite these challenges.

Proposals are due June 30, 2021. Approximately \$3.5 million is available.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

NRCS's Regional Conservation Partnership Program (RCPP) for Federal Fiscal Years (FYs) 2020 and 2021
United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

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.

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

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

Rehabilitation Services Administration (RSA)
Department of Education (Education), Office of Special Education and Rehabilitation Services (OSERS)

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.

Deadlines and award information vary by opportunity. See [Grants.gov](https://www.grants.gov) for details by CFDA number.

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

Rural Placement Innovation Challenge (RPIC)
United States Department of Agriculture (USDA)

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.

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

Acquisition Research Program (ARP)
Department of Defense (Defense)

Notice seeking proposals to conduct and support research in academic disciplines that bear on public procurement policy and management. These include economics, finance, financial management, information systems, organization theory, operations management, human resources management, risk management, and marketing, as well as the traditional public procurement areas such as contracting, program/project management, logistics, test and evaluation and systems engineering management.

Required white papers are due September 13, 2020. Invited proposals are November 16, 2020. Up to \$110,000 per award is available.

LINKS: [Grants.gov](#)

Emergency Department Substance Use Surveillance System
Office of National Drug Control Policy (Office of National Drug Control Policy), (EOP) (Executive Office of the President)

Notice seeking applications to further refine and geographically expand a methodology for obtaining drug early warning indicators through broader testing of urine samples that were previously collected and tested as part of an existing drug test protocol. This method was initially developed using local criminal justice populations – including persons in pre-trial or lock-up, parolees or probationers, and drug court participants.

Applications are due September 14, 2020. Approximately \$300,000 is available.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

Cellular and Molecular Biology of Complex Brain Disorders (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

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.

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

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

Cooperative Research Agreements Related to the World Trade Center Health Program (U01)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS),
National Institute for Occupational Safety and Health (NIOSH)

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.

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

Emergency Awards RADx-RAD: Screening for COVID-19 by Electronic-Nose Technology (SCENT) (U18
Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

Emergency Awards: Automatic Detection and Tracing of SARS-CoV-2 (U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

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

Emergency Awards: Chemosensory Testing as a COVID-19 Screening Tool (U01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

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

Emergency Awards: Exosome-based Non-traditional Technologies Towards Multi-Parametric and Integrated Approaches for SARS-CoV-2 (U18 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

Emergency Awards: RADx-RAD Multimodal COVID-19 surveillance methods for high risk clustered populations (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

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

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.

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

Emergency Awards: RADx-rad Wastewater Detection of SARS-COV-2 (COVID-19) (U01 - Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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.

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

Exploratory and Developmental Grants Related to the World Trade Center Health Program (R21) Centers for Disease Control and Prevention (CDC), National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute for Occupational Safety and Health (NIOSH); National Institute on Aging (NIA)

Notice seeking applications that address/mitigate/improve issues related to diagnostic or treatment uncertainty with respect to individuals, including enrolled World Trade Center (WTC) responders and certified-eligible WTC survivors, receiving monitoring and/or treatment under subtitle B, of the James Zadroga 9/11 health and Compensation Act (Public Law 111-347).

Optional letters of intent are due November 6, 2020. Applications are due December 8, 2020. Approximately \$3 million is available to support four to six awards over a two-year period.

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

Innovative Research in Cancer Nanotechnology (IRCN) (R01 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice encouraging applications that promote transformative discoveries in cancer biology and/or oncology through the use of nanotechnology. Proposed projects should address major barriers in cancer biology and/or oncology using nanotechnology and should focus on mechanistic studies to expand the fundamental understanding of nanomaterial and/or nano-device interactions with biological systems. These studies are expected to be relevant to the delivery of nanoparticles and/or nano-devices to desired and intended cancer targets in vivo and/or characterization of detection and diagnostic devices and sensors in vitro.

Applications are due November 4, 2020; May 6, 2021; November 4, 2021; May 5, 2021; November 3, 2022; and May 4, 2023. Awards are limited to \$450,000 per year.

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

Liver Cirrhosis Network: Clinical Research, Scientific and Data Coordination Centers National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications proposing the establishment of the Liver Cirrhosis Network through this Funding Opportunity Announcement which is seeking Clinical Centers; and in conjunction with RFA-DK-20-004 seeking a single Scientific Data Coordination Center, in order to promote clinical and translational research on cirrhosis of the liver in adults.

Optional letters of intent are due November 1, 2020. Applications are due December 1, 2020. Approximately \$6 million is available to support 11 awards.

Limited Submission: Only one application per institution is allowed

LINKS: [Grants.gov \(U01\)](#), [Grants.gov \(U24\)](#), [Solicitation](#)

NIAID New Innovators Awards (DP2 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications that supports a postdoctoral or newly independent Early Stage Investigator of

exceptional creativity who proposes novel, original and insightful research concepts with the potential to produce a major impact, test scientific paradigms, or advance key concepts on broad, important problems in biomedical research of priority to NIAID.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 2, 2020; October 14, 2021; and October 14, 2022. Program expires October 15, 2022.

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

Paul B. Beeson Emerging Leaders Career Development Award in Aging (K76)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice inviting applications from early-stage physician and other health professional investigators with a commitment to aging and/or aging-related diseases to apply for this award to advance their research and leadership skills in their specialty and in the broader field of aging and geriatrics research.

Optional letters of intent are due 30 days before application due date. Applications are due February 3, 2021; October 22, 2021; and October 21, 2022. Approximately \$2 million is available for up to 10 awards.

LINKS: [Grants.gov \(RFA-AG-21-020\)](#), [Grants.gov \(RFA-AG-21-021\)](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2020 DHS SLA for Minority Serving Institutions
Department of Homeland Security (Homeland Security), Science & Technology Directorate (S&T)

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.

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

LINKS: [Grants.gov](#)

Arctic Doctoral Dissertation Research Improvement Grants (Arctic DDRIG) Arctic Social Sciences, Arctic System Sciences, and Arctic Observing Network
Directorate for Geosciences (GEO), National Science Foundation (NSF), Office Polar Programs (OPP)

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.

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

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

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF), Division of Mathematical Sciences (DMS)

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.

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

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

Innovations in Graduate Education (IGE) Program

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

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.

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

Limited Submission: Two applications per organization

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

NOAA RESTORE Science Program 2021

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

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.

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

Plasma Physics

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

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.

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

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

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

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).

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: [Contract Opportunities](#), [Agency Site](#)

Electricity Advisory Committee
Department of Energy (Energy)

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

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>

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

Request for Information on Positioning, Navigation, and Timing Resilience
Office of Science and Technology Policy (OSTP)

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).

Comments are due by September 9, 2020.

LINKS: [Federal Register](#)

Request for Information on Integration of Automated and Autonomous Commercial Vessels and Vessel Technologies Into the Maritime Transportation System
(Coast Guard), Department of Homeland Security (Homeland Security)

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.

Comments are due October 13, 2020.

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

Harnessing the Data Revolution: Coordination Hub (HDR Central)
National Science Foundation (NSF)

Notice seeking proposals to enable new modes of data-driven discovery that will allow fundamental questions to be asked and answered at the frontiers of science and engineering. In 2019, the HDR Big Idea launched three parallel efforts in pursuit of these aims: Institutes for Data-Intensive Research in Science and Engineering (I-DIRSE), HDR: Transdisciplinary Research In Principles Of Data Science Phase I (HDR TRIPODS Phase I), and Data Science Corps (DSC).

Proposals are due November 12, 2020. Approximately \$2 million is available.

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

Improving Undergraduate STEM Education: Hispanic-Serving Institutions
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking applications to enhance the quality of undergraduate science, technology, engineering, and mathematics (STEM) education and to increase the recruitment, retention, and graduation rates of students pursuing associate's or baccalaureate degrees in STEM. Intended outcomes of the HSI Program include broadening participation of students that are historically underrepresented in STEM and expanding students' pathways to continued STEM education and integration into the STEM workforce.

Applications are due January 13, 2021; February 10, 2021; and August 25, 2021 depending on track. Awards vary depending on track.

Limited Submission: Limits on applications vary by track.

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