

ARTS, HUMANITIES, and INTERNATIONAL

FY 2021 Congress Bundestag Youth Exchange (CBYX) and Congress and Bundestag-Bundesrat Staff Exchange (CBBSX)

Department of State (State), Bureau of Educational and Cultural Affairs (ECA)

Notice seeking proposals to encourage American and German youth to learn about each other's society and culture through educational exchange while promoting American-German friendship based on the common value of democracy. In addition, the program seeks to promote the participants' roles as young ambassadors with influence on future American-German relations, and to promote and strengthen linkages between members of Congress and their Bundestag counterparts.

Applications are due October 21, 2020. Approximately \$12.84 million is available for up to seven awards.

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

Humanities Connections

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

Notice accepting applications to expand the role of the humanities in undergraduate education at two- and four-year institutions. Awards support innovative curricular approaches that foster productive partnerships among humanities faculty and their counterparts in the social and natural sciences and in pre-service or professional programs (such as business, engineering, health sciences, law, computer science, and other technology-driven fields), in order to encourage and develop new integrative learning opportunities for students.

Applications are due September 30, 2020. Approximately \$1 million is available for 21 awards.

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

2020 TIP Office Notification of Funding Opportunity - Statement of Interest

Department of State (State), Office to Monitor-Combat Trafficking in Persons (TIP)

Notice seeking statement of interest to combat trafficking in persons outside of the United States. The TIP Office welcomes strong applications for projects that align with U.S. government priorities, address human trafficking challenges on a significant scale, and offer the potential to have a systemic and sustainable impact, among other factors.

Applications are due September 28, 2020.

LINKS: [Grants.gov](#)

Improving Worker Rights in Rural Sectors of the Indo-Pacific with a focus on Women

Department of Labor (Labor), Bureau of International Labor Affairs (ILAB)

Notice seeking applications to make sure that U.S. trade partners fulfill their promises and play by the rules, and that American workers are able to compete on a level playing field, by negotiating strong labor provisions in trade agreements and preference programs; monitoring for compliance; enforcing trade agreement and preference program commitments; and sharing technical expertise.

Applications are due October 1, 2020. Approximately \$4 million is available.

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

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Applications for New Awards; Institutional Resilience and Expanded Postsecondary Opportunity Grants Program

Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to provide financial support to institutions of higher education with the greatest unmet needs related to COVID-19 (coronavirus) to enable them to resume operations, serve the needs of students, reduce disease transmission, and develop more resilient instructional delivery models, such as distance learning, to continue educating students who cannot or choose not to attend classroom-based instruction due to COVID-19.

Optional notices of intent are due September 10, 2020. Applications are due October 20, 2020.

Approximately 19 awards ranging from \$1 million to \$3 million are available to support projects lasting up to 24 months. Eligibility is limited to institutions where more than 30 percent of full-time students received a Pell Grant as of March 30, 2020 and/or the institution has been underserved by other CARES Act programs (see the solicitation for more details).

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

Fiscal Year (FY) 2020 Support of the Five Star Restoration Training Grant

Environmental Protection Agency (EPA), Office of Water, Office of Wetlands, Oceans, and Watersheds

Notice seeking applications to: 1) prepare and advertise to a wide variety of potential subaward applicants a RFA, establish review criteria for evaluating and selecting subawardee applications, and make subawards to support environmental training through voluntary, community/watershed-based wetland restoration projects that provide ecological and socioeconomic benefits to the surrounding communities and their citizens; 2) oversee and monitor subawardees for successful completion of the restoration training projects; 3) provide technical support to subawardees through peer-to-peer outreach to broaden participation in restoration training projects; 4) qualitatively and quantitatively measure and report on the environmental results of the restoration training projects accomplished through the subawards; and 5) develop a strategy to promote and grow the Five Star Restoration Training Grant program over the life of the cooperative agreement.

Applications are due October 2, 2020. Approximately \$1 million is available. Cost share of 25 percent is required.

LINKS: [Grants.gov](#)

FY 2021 Marine Fisheries Initiative (MARFIN)

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

Notice seeking proposals from the southeast region for research and development projects that optimize the use of fisheries in the Gulf of Mexico, Puerto Rico, the U.S. Virgin Islands, and off the South Atlantic states of North Carolina, South Carolina, Georgia, and Florida, involving the U.S. fishing industry (recreational and commercial), including fishery biology, resources assessment, socio-economic assessment, management and conservation, selected harvesting methods, and fish handling and processing.

Proposals are due October 23, 2020. Approximately \$2.5 million is available for five awards.

LINKS: [Grants.gov](#)

ARMY SPARTN SBIR BAA 20.5

Army (Army), Department of Defense (Defense)

Notice seeking proposals to improve commercialization rates of SBIR-funded technology and to attract the most innovative small businesses through a rapid award process and increased contract award amounts. The Army Special Program Awards for Required Technology Needs (SPARTN) BAA aims to better incentivize commercial participation under a streamlined process that accelerates tech transitions and creates greater commercialization opportunities for recurring revenue in the topic areas identified in this BAA.

Proposals are due October 8, 2020. Informational webinar will be held September 8, 2020 at 2:00 p.m. ET. Partnership opportunities exist for colleges and universities.

LINKS: [Contract Opportunities](#)

Jobs Plus Initiative

Department of Housing and Urban Development (HUD), Public and Indian Housing

Notice seeking applications to support projects that address poverty among public housing residents through locally-based, job-driven approaches that increase earnings and advance employment outcomes through work readiness, employer linkages, job placement, educational advancement, technology skills, and financial literacy for residents of public housing.

Applications are due December 1, 2020. Approximately five awards of up to \$3.7 million are available. Eligibility is limited to public housing authorities that have not received a a Jobs Plus program grant in FY 16 through 19. Opportunities may exist for colleges and universities to collaborate.

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

Workforce Information Advisory Council (WIAC)

Department of Labor (Labor), Employment and Training Administration (ETA)

Notice announcing a meeting of the Workforce Information Advisory Council. The purpose of the meeting is to provide recommendations to the Secretary of Labor, working jointly through the Assistant Secretary for Employment and Training and the Commissioner of Labor Statistics, to address: (1) The evaluation and improvement of the nationwide workforce and labor market information (WLMi) system and statewide systems that comprise the nationwide system; and (2) how the Department and the States will cooperate in the management of those systems. These systems include programs to produce employment-related statistics and State and local workforce and labor market information.

The meetings will take place beginning Tuesday September 8, 2020, and ending Thursday September 10, 2020 at 1 p.m. ET and conclude no later than 5 p.m. ET on each day. The meeting will be held virtually.

LINKS: [Federal Register](#)

Centers of Excellence at 1890 Institutions (1890 COEs)

National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to increase rural prosperity and economic sustainability of farming systems in underserved farming communities; address critical needs for international development with an emphasis on global food security and defense; enhance academic and career development activities for students pursuing careers in the food and agricultural sciences and related fields; and address critical needs in nutrition and health to improve the quality of life of underserved populations.

Applications are due November 18, 2020. Approximately \$5.76 million is available.

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

HEALTH and MENTAL HEALTH

Visualization Methods and Tools Development for Enhancing Cancer Moonshot Data (R33 Clinical Trial Not Allowed)

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

Notice seeking applications to stimulate the development of new cancer data visualization methods and tools that have the potential to make data aligned with the Cancer Moonshot more explorable and interpretable by the broader cancer research community. This FOA supports the development of new, full-featured data visualization tools for investigator-specified, Moonshot-aligned use cases that enable a broader community of users to explore and gain insights from data emerging from or aligned with one or more of the Cancer Moonshot areas.

Optional letters on intent are due 30 days prior to the application due date. Applications are due October 30, 2020. Approximately \$1.25 million is available for up to four awards.

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

Genomic Medicine Program Advisory Committee
Department of Veterans Affairs (VA)

Notice announcing a meeting scheduled to discuss VA research programs related to genomics.

The meeting will be held September 29, 2020, from 11:00 a.m. to 3:00 p.m., ET. Attend online at <https://tinyurl.com/y3k7ojfo> using the password 2NSxcpaP@33 or by phone by calling 404-397-1596 and entering meeting code 1993331445#.

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

National Institute of Environmental Health Sciences; Notice of Meeting
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting scheduled to discuss the following agenda items during the open portion of the People No Projects Update & Concept Clearances; and Proposed Division of Extramural Research and Training Actions to Address Funding Gap/Council Discussion.

The open portions of the meeting will be held September 15, 2020, from 11:00 a.m. to 2:15 p.m., and September 16, 2020, from 10:00 a.m. to 2:40 p.m., ET. The meeting will be webcast at <https://www.niehs.nih.gov/news/webcasts/>.

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

Request for Information, Strategic Opportunities and Challenges for the National Library of Medicine,
National Institutes of Health
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking information to assist and guide the NLM in identifying new, and updating ongoing, efforts to implement the NLM Strategic Plan 2017-2027: A Platform for Biomedical Discovery and Data-Powered Health.

Submit comments by October 19, 2020 at <https://rfi.grants.nih.gov/?s=5f15a5e3104800009c001082>.

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

Center without Walls for Molecular Mechanisms of Neurodegeneration in Frontotemporal Degeneration (FTD) (U54 Clinical Trial not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA); National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications to improve our understanding of the mechanisms underlying neurodegeneration in FTD through multi-disciplinary, team-based science to address a specific challenge or challenges in the field that could not be achieved through individual research projects.

Optional letters of intent are due October 2, 2020. Applications are due November 2, 2020. Approximately \$3.4 million is available to support up to two awards.

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

Integrated Viral Hepatitis Surveillance and Prevention Funding for Health Departments
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support integrated viral hepatitis surveillance and prevention programs in states and large cities in the United States. Key strategies include viral hepatitis outbreak planning and response; and surveillance for acute hepatitis A, B and C, and chronic hepatitis C.

Applications are due December 1, 2020. Informational conference calls will be held September 15 and October 14, 2020, at 1:00 p.m., ET. Approximately \$341 million is available for up to 58 awards to support projects lasting up to five years. Eligibility is limited to state and local governments or their bona fide agents but opportunities may exist for colleges and universities to collaborate.

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

Mentored Career Development Program (K01) for Early Stage Investigators Using Nonhuman Primate Research Models (K01 Independent Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to provide early-stage investigators with support and “protected time” (up to five years) for intensive, research-focused career development program activities under the guidance of an experienced mentorship team with expertise in both the preclinical application of nonhuman primate (NHP) models and in translation of the results from such studies to clinical application.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2023.

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

NCI Clinical and Translational Exploratory-Developmental Studies (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support preclinical and early phase clinical research, as well as correlative studies, directly related to advancements in cancer treatment, diagnosis, prevention, symptom management, or reduction of cancer health disparities.

Applications are due October 20, 2020; February 19, 2021; June 21, 2021; October 20, 2021; February 22, 2022; and June 21, 2022.

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

RESolution of InflammaTion in EnvirOnmentally Related diseasE (RESTORE) (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to advance understanding of the role of inflammation resolution pathways at the cellular and molecular level and how exposure to environmental pollutants interferes with these pathways resulting in exposure-induced chronic systemic inflammation and ultimately chronic disease conditions.

Optional letters of intent are due January 11, 2021. Applications are due February 11, 2021. Approximately \$3 million is available to support five to six awards in FY 2022.

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

The NCI Predoctoral to Postdoctoral Fellow Transition Award (F99-K00)

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

Notice seeking applications to encourage and retain outstanding graduate students recognized by their institutions for their high potential and strong interest in pursuing careers as independent cancer researchers. The award will facilitate the transition of talented graduate students into successful cancer research postdoctoral appointments, and provide opportunities for career development activities relevant to their long-term career goals of becoming independent cancer researchers.

Applications are due November 18, 2020. Approximately \$1.1 million is available to support up to 24 awards.

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

Toward ElucidAting MechanismS of HIV Pathogenesis within the Mission of the NIDDK (Pathogenesis TEAMS) (R01 Clinical Trial Optional)

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 to support multidisciplinary research teams with complementary expertise in HIV and pathobiology, pathophysiology, and/or metabolism in organs, tissues, and/or biological systems of specific interest to the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Optional letters of intent are due February 3, 2021 and October 17, 2021. Applications are due March 3, 2021 and November 17, 2021. Approximately \$3 million is available to support four to six awards in FY 2022.

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

Center for Scientific Review; Notice of Meeting

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Center for Scientific Review (CSR)

Notice announcing a meeting scheduled to discuss matters related to planning, execution, conduct, support, review, evaluation, and receipt and referral of grant applications at CSR.

The meeting will be held September 21, 2020 from 1:00 p.m. to 4:00 p.m., ET online. View the meeting at <https://videocast.nih.gov/>.

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

Food Safety: Consumer Outreach and Education Today and for the Future
Centers for Disease Control and Prevention (CDC), Food and Drug Administration (FDA), Department of Health and Human Services (HHS), United States Department of Agriculture (USDA)

Notice announcing a meeting scheduled to discuss research into how consumers handle and prepare food, so as to develop the most effective approach for consumer outreach and education in the future.

The meeting will be held October 6, 2020 from 12:00 p.m. to 4:00 p.m., ET online. Register to attend at <https://ems8.intellor.com/?do=register&t=1&p=831094>.

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

Meeting of the Advisory Committee on Infant Mortality
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting scheduled to discuss HHS activities and programs directed at reducing infant mortality and improving the health status of pregnant women and infants.

The meeting will be held September 23, 2020, from 11:00 a.m. to 6:00 p.m. and September 24, 2020 from 11:00 a.m. to 3:30 p.m., ET. Information will be posted at the Agency Site for how to join the meeting online or via teleconference.

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

National Cancer Institute; Notice of Meeting
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the NCI Clinical Trials and Translational Research Advisory Committee (CTAC) Translational Research Strategy Subcommittee scheduled to discuss the NCI CTAC Radiation Oncology Working Group Report.

The meeting will be held October 5, 2020, from 1:00 p.m. to 2:30 p.m., ET. Access the meeting webcast at <https://nci.rev.vbrick.com/#/webcasts/ctacmeetings>.

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

Clinical Translation of Activated Optical Fluorescence Methods and Technologies for Sensitive Cancer Detection in Vivo (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications for innovative concepts that propose a path to clinical validation for in vivo 'intelligent' or activated optical fluorescence agents or probes with previously demonstrated capabilities for the detection of small tumors.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 10, 2021 and October 13, 2021.

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

Glioblastoma Therapeutics Network (GTN) (U19 Clinical Trial Required)

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

Notice seeking applications to improve the treatment of adult glioblastoma (GBM) by developing novel effective agents that can cross the blood brain barrier (BBB) and testing them in the clinic. To implement this initiative, multi-institutional teams are invited to participate in the Glioblastoma Therapeutics Network (GTN). Each GTN team is expected to drive therapeutic agent(s) from pre-clinical development, through IND studies, into pilot clinical studies in humans.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 19, 2020. Approximately \$6 million is available for up to five awards.

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

Multi-disciplinary Machine-assisted, Genomic Analysis and Clinical Approaches to Shortening the Rare Diseases Diagnostic Odyssey (UG3-UH3 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 multidisciplinary diagnostic strategies for rare diseases that combine machine-assistance, genomic analysis, and clinical consultation. Of particular importance, these strategies must be able to be adopted and performed at the primary or secondary care levels by front-line healthcare providers and be readily integrated into their clinical care workflow.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 12, 2020. Approximately \$1 million is available to support four awards.

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

New Models of Integrated HIV-AIDS, Addiction, and Primary Care Services
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to support the testing of enhanced models of care that optimally integrate HIV, addiction, and primary care services. NIDA is interested in research that addresses gaps related to the delivery of comprehensive, integrated health services to include the full continuum of HIV/AIDS services, addiction prevention and treatment services, and primary care services, with a goal of improving the coordination of care, and improving health outcomes related to HIV and SUD in the US.

Applications are due November 18, 2020, August 11, 2021, November 18, 2021, August 11, 2022, November 18, 2022, and August 11, 2023. Approximately \$1.5 million is available.

LINKS: [Grants.gov \(R01 Clinical Trial Required\)](#), [Grants.gov \(R34 - Clinical Trial Optional\)](#), [Solicitation](#)

NIOSH Centers of Excellence for Total Worker Health (U19)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice soliciting meritorious applications to develop and conduct a broad range of multidisciplinary research, intervention, outreach and education, and evaluation activities that advance the overall safety, health, and well-being of the diverse population of workers in our nation. Center structure should take advantage of diverse scientific resources and focus on local, regional, or national worker safety and health issues. Centers should emphasize creating and implementing evidence-based solutions to address evolving challenges and opportunities related to worker safety, mental and physical health, and well-being. Collaborations in partnership with academic institutions, nonprofit organizations, and other groups focused on occupational safety and health are expected.

Required letters of intent are due November 2, 2020, then 30 days prior to the future submission due dates. Applications are due February 3, 2021; October 29, 2021; October 28, 2022; October 30, 2023. Approximately \$11.2 million is available for 12 awards.

Limited Submission: Only one application per institution is allowed.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Aviation Research BAA
U.S. Department of Transportation (DOT), Federal Aviation Administration (FAA)

Notice seeking white paper proposals for research into aircraft and airport safety, design, and systems.

White paper proposals are accepted until December 5, 2020.

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

Biology Integration Institutes
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking proposals to bring researchers together around the common goal of understanding how the processes that sustain life and enable biological innovation operate and interact within and across different scales of organization, from molecules to cells, tissues to organisms, species, ecosystems, biomes and the entire Earth. The Biology Integration Institutes (BII) program supports collaborative teams of researchers investigating questions that span multiple disciplines within and beyond biology.

Proposals are due January 13, 2021. Approximately \$15 million is available for up to six awards.

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

Research Enabling Procurement for Aerospace Systems (REPAS)
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking proposals to advance the state of the art of propulsion, power and thermal management technologies for transition to the warfighter. Efforts will include component design and development; subsystem integration; and bench, rig and engine testing; of technologies that improve the affordability, manufacturability, digital traceability and capability of existing and future systems.

Proposals are due October 5, 2020. Requested letters of intent are due August 28, 2020. Approximately \$96 million is available for approximately two IDIQ contracts and six initial task order awards.

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

FY 2021 Bioenergy Technologies Office Multi-Topic Request for Information (RFI) DE-FOA-0002386
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking information on research opportunities related to residential wood heater technology advancement and bioprocessing separations development to help inform its research priorities and funding strategies.

Responses are due to FY21MultiTopic@ee.doe.gov no later than 5:00 p.m. (ET) on September 21, 2020.

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

Focused Research Hubs in Theoretical Physics
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to enhance significant breakthroughs at an intellectual frontier of physics by providing resources beyond those available to individual investigators, so as to promote a collaborative approach to a focused topic while promoting the preparation of scientists at the beginning of their independent scientific careers.

Proposals are due January 15, 2021. Up to \$10.25 million is available to support three awards.

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

FY 2021 SBIR-STTR Phase I Release 1
Department of Energy (Energy), Office of Science

Notice seeking applications for increasing private sector commercialization of technology developed through DOE-supported research and development (R&D), stimulating technological innovation in the private sector, encouraging participation by women-owned and minority-owned small businesses, and improving the return on investment from Federally-funded research for economic and social benefits to the nation.

Required letters of intent are due September 8, 2020. Applications are due October 19, 2020. Approximately \$40 million is available to support 196 awards. Colleges and universities are eligible to partner.

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

NASA Advisory Council; Science Committee; Meeting
National Aeronautics and Space Administration (NASA), NASA Advisory Council

Notice announcing a meeting scheduled to solicit technical information from the scientific community relevant to program planning.

The meeting will be held September 10, 2020 from 1:00 p.m. to 5:00 p.m., ET. To join via teleconference, call 888-469-3144 and enter passcode 8932597#. To join via Webex, visit <https://nasaenterprise.webex.com/> and enter meeting number 199 497 6344 and password [SC@Sept2020](#).

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

Notice of Virtual Workshop on Software in the Era of Extreme Heterogeneity
National Science Foundation (NSF), Networking and Information Technology Research and Development (NITRD)

Notice announcing a workshop scheduled to explore challenges and opportunities brought on by extreme heterogeneity of emerging and future computational platforms and how software and community must evolve to respond to the challenges being placed on high-end computing software development and sustainment.

The workshop will be held September 22 to September 24, 2020, online. Register at the Agency site.

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

Advancing Informal STEM Learning

Directorate for Education & Human Resources (EHR), National Science Foundation (NSF), Research on Learning in Formal and Informal Settings

Notice seeking proposals to advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and engage the public of all ages in learning STEM in informal environments.

Proposals are due January 12, 2021. Approximately \$39 million is available to support 58 to 85 awards.

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

Center for Early Lifestage Vulnerabilities to Environmental Stressors
Environmental Protection Agency (EPA), Office of Research and Development (ORD)

Notice seeking applications supporting a transdisciplinary research center to better understand potential causal relationships among cumulative exposures to chemicals and non-chemical environmental stressors during early lifestages and modifying factors that result in adverse developmental health effects.

Applications are due November 12, 2020. Approximately \$1.9 million is available over four years.

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

National Artificial Intelligence (AI) Research Institutes
National Institute of Food and Agriculture (NIFA), Department of Homeland Security (Homeland Security), National Science Foundation (NSF), United States Department of Agriculture (USDA)

Notice seeking proposals that enables longer-term research and U.S. leadership in AI through the creation of AI Research Institutes. AI has advanced tremendously and today promises personalized healthcare; enhanced national security; improved transportation; and more effective education, to name just a few benefits. Increased computing power, the availability of large datasets and streaming data, and algorithmic advances in machine learning (ML) have made it possible for AI research and development to create new sectors of the economy and revitalize industries.

Proposals are due December 4, 2020. Approximately \$160 million is available to support eight awards.

Limited Submission: Two proposals per organization

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

STEM Talent Challenge
Economic Development Administration (EDA), Department of Commerce (Commerce)

Notice seeking applications to develop or expand regional workforce capacity to support high-growth, high-wage entrepreneurial ventures, industries of the future (which usually includes industries that leverage emerging technologies), and other innovation-driven businesses that have a high likelihood of accelerating economic competitiveness and job creation in their respective regions and in the United States.

Applications are due October 14, 2020. Approximately \$2 million is available for 10 awards.

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