

## ARTS, HUMANITIES, and INTERNATIONAL

FY 2021 Future Leaders Exchange (FLEX) Program Organizational Components  
Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking proposals to provide scholarships for high school students from Europe and Eurasia to spend an academic year in the United States, living with a family and attending an American high school. In turn, these students expose U.S. citizens to the culture, traditions, and lifestyles of people of their home countries. The Organizational Components award includes managing a broad range of administrative program details, including recruitment and selection of both foreign and U.S. participants, communication with natural parents and U.S. embassies, and arranging for alumni activities for the participants for the 2022-23 academic year.

Applications are due April 15, 2021. Approximately \$13.58 million is available. Organizations with less than four years of experience in conducting international exchanges are ineligible to apply under this competition.

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

---

### Humanities Initiatives

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

Notice seeking proposals to strengthen the teaching and study of the humanities at institutions of higher education by developing new humanities programs, resources (including those in digital format), or courses, or by enhancing existing ones. There are five Humanities Initiatives programs: Humanities Initiatives at Colleges and Universities, Humanities Initiatives at Hispanic-Serving Institutions, Humanities Initiatives at Historically Black Colleges and Universities, Humanities Initiatives at Tribal Colleges and Universities, and Humanities Initiatives at Community Colleges.

Applications are due May 20, 2021. Approximately 20 awards of up to \$150,000 are anticipated across the five programs.

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

---

### Preservation and Access Education and Training

National Endowment for the Humanities (NEH), Division of Preservation and Access

Notice seeking applications to support the development of knowledge and skills among professionals responsible for preserving and establishing access to humanities collections. Thousands of libraries, archives, museums, and historical organizations across the country maintain important collections of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art and material culture collections, electronic records, and digital objects.

Applications are due May 18, 2021. Optional draft applications are due April 13, 2021. The maximum award amount is \$350,000.

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

---

### NEA Challenge America, FY2022

National Endowment for the Arts (NEA)

Notice seeking applications to support primarily to small organizations for projects in all artistic disciplines that extend the reach of the arts to populations that are underserved.

Applications are due April 22, 2021. All grants are for \$10,000. Cost share of at least 1:1 is required.

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

---

U.S. Embassy Abidjan PAS Annual Program Statement  
Department of State (State), U.S. Mission to Cote d Ivoire

Notice seeking proposals for programs that strengthen ties between the U.S. and Côte d'Ivoire through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Applications are due April 30, 2021. Approximately \$200,000 is available to support up to 10 awards.

LINKS: [Grants.gov](#)

---

U.S. Embassy Helsinki Small Grants Program  
Department of State (State)

Notice seeking proposals to strengthen US-Finnish relations through projects within Finland focusing particularly but not exclusively on the following themes: Strengthening the Transatlantic relationship; Increasing cooperation between Arctic states and communities; Addressing media literacy and critical thinking in the age of disinformation; Increasing collaboration and exchange between American and Finnish students and teachers; Engaging diverse Finnish populations; and Promoting economic prosperity, entrepreneurship, and innovation.

Required Statements of Interest are due April 15, 2021. Multiple awards of up to \$5,000 are available.

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

---

U.S. Embassy Mozambique PAS Annual Program Statement  
Department of State (State)

Notice seeking proposals that strengthen cultural ties between the U.S. and Mozambique through cultural and exchange programming that highlights shared values and promotes bilateral cooperation in the following categories: Entrepreneurship; Countering Violent Extremism; English Language; or Women's Empowerment.

Applications are due August 1, 2021. Approximately \$100,000 is available to fund up to five awards.

LINKS: [Grants.gov](#)

---

## **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

FY 2021 Atlantic Salmon Habitat Restoration Partnership Grants  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications to support the recovery of the Gulf of Maine Distinct Population Segment of Atlantic salmon through multi-year partnerships.

Applications are due April 12, 2021. Approximately \$1 million is available for FY 2021.

LINKS: [Grants.gov](#)

---

Shared Beringian Heritage Program 2021 Funding Call  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking applications to promote international cooperation around conservation and cultural heritage. SBHP recognizes and celebrates the unique natural resources and cultural heritage shared by Russia and the United States in the region known as Beringia.

Applications are due April 11, 2021. Approximately \$350,000 is available to support up to six awards.

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

## HEALTH and MENTAL HEALTH

CDMRP Ovarian Cancer Clinical Translational Research Award  
Army (Army), Department of Defense (Defense), Congressionally Directed Medical Research Programs (CDMRP)

Notice seeking applications to support correlative studies that are associated with a clinical trial. The translational research should address high-impact or unmet needs in ovarian cancer.

Pre-applications are due April 1, 2021. Invited applications are due July 8, 2021. Approximately \$2.88 million is available to support four awards.

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

---

DoD Lung Cancer, Career Development Award  
Department of Defense (Defense)

Notice seeking proposals from early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of lung cancer research. This award is intended to support impactful research projects with an emphasis on discovery.

Pre-applications are due April 6, 2021. Approximately \$1.2 million is available to fund an anticipated three awards.

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

---

DoD Lung Cancer, Concept Award  
Department of Defense (Defense)

Notice seeking proposals for a highly innovative new concept or untested theory that addresses an important problem relevant to lung cancer. The Concept Award is not intended to support an incremental progression of an already established research project; instead, this award mechanism allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations by supporting high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of lung cancer or develop an innovative and novel course of investigation. Research completed through a Concept Award may generate sufficient preliminary data to enable the PI to prepare an application for future research.

Pre-applications are due April 6, 2021. Approximately 12 awards of up to \$100,000 each are anticipated.

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

---

Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery (R03 Clinical Trial Not Allowed)

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

Notice seeking applications for alleviating suffering from childhood cancer and structural birth defects by fostering collaborative research to uncover the etiology of these diseases and supporting data sharing within the pediatric research community.

Applications are due June 18, 2021. Optional letters of intent are due May 18, 2021. Approximately \$1.68 million is available to support up to 14 awards.

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

---

High-End Instrumentation (HEI) Grant Program (S10 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-end, specialized, commercially available instruments or integrated systems. The minimum award is \$600,001. There is no maximum price limit for the instrument; however, the maximum award is \$2,000,000.

Applications are due June 1, 2021. Approximately \$30 million is available to support 25 awards.

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

---

Human Immunology Project Consortium (HIPC) Coordinating Center (U01 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 will measure the diversity and commonalities of human immune responses under a variety of conditions and longitudinally using high-throughput systems immunology approaches coupled with detailed clinical phenotyping in well-characterized human cohorts.

Applications are due June 4, 2021. Optional letters of intent are due 30 days prior to the application due date.

Limited Submission: Only one application per institution is allowed.

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

---

NEI Translational Research Program (TRP) on Therapy for Visual Disorders (R24 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Eye Institute (NEI)

Notice seeking proposals to translate innovative laboratory research findings into therapies, devices or other resources for use by clinicians to treat visual system diseases or disorders.

Applications for FY21 are due April 13, 2021. Multiple awards of up to \$1.5 million per year are anticipated.

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

---

NIDCR Predoctoral to Postdoctoral Transition Award for a Diverse Dental, Oral and Craniofacial Research Workforce (F99-K00 Independent Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Dental and Craniofacial Research (NIDCR)

Notice seeking applications to support outstanding graduate students from diverse backgrounds, including those from groups underrepresented in biomedical, clinical, behavioral and social sciences, over the transition from predoctoral to postdoctoral research training.

Applications are due annually on April 8, August 8, and December 8. Program expires January 8, 2024.

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

---

NIH Support for Conferences and Scientific Meetings (Parent R13 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support high quality conferences that are relevant to the public health and to the scientific mission of the participating Institutes and Centers.

Applications are due annually on April 12, August 12, and December 12. Program expires January 8, 2024.

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

---

Shared Instrumentation Grant (SIG) Program (S10 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS); Office of Research Infrastructure Programs (ORIP)

Notice seeking applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-priced, specialized, commercially available instruments or integrated instrumentation system.

Applications are due June 1, 2021. Approximately \$35 million is available to support 75 awards in FY 2022.

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

---

Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care (R21 R33 - Clinical Trial Optional)  
Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking proposals for research projects that test promising digital healthcare interventions aimed at improving quality of care and healthcare services delivery at the point of care.

Applications will be accepted until July 17, 2024. Multiple awards are anticipated with an initial two-year cap of \$275,000 per award.

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

---

Advisory Committee on the Medical Uses of Isotopes  
NRC (Nuclear Regulatory Commission)

Notice announcing a meeting of the Advisory Committee on the Medical Uses of Isotopes (ACMUI). The purpose of the meeting is to discuss issues related to 10 CFR part 35 medical use of Byproduct Material.

The meeting will be held Tuesday, March 16, 2021, from 10:00 a.m. to 3:45 p.m. ET. Webinar information link is <https://usnrc.webex.com>. Event number: 199 910 9533.

LINKS: [Federal Register](#)

---

Center for Substance Abuse Prevention; Notice of Meeting

Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Center for Substance Abuse Prevention. The purpose of the meeting is the discussion of substance use prevention priorities and also include updates on CSAP program developments.

The meeting will be held February 24, 2021, from 1:00 p.m. to 5:00 p.m. ET via web and phone only.

LINKS: [Federal Register](#)

---

Basic Research to Inform Vaccine and Therapeutic Development for Non-Polio Human Enteroviruses (NPEV) (R01 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 to expand basic research on non-polio enteroviruses (NPEV) that will inform the development of pan-enterovirus vaccines and broad-spectrum antivirals against enteroviruses A, B, C, and D.

Applications are due July 13, 2021. Optional letters of intent are due 30 days prior to the application due date. Approximately \$6 million is available to support 8 to 13 awards.

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

---

Research Grants to Develop or Identify Effective Strategies to Prevent Overdose Involving Illicit Stimulants and Polysubstance Use Involving Stimulants  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to support the identification of effective strategies for state, community, or systems-level implementation to prevent fatal and nonfatal overdoses involving illicit stimulants as well as polysubstance use and overdose involving illicit stimulants. This opportunity is intended to support research on one of the following two Objectives: Conduct a process and outcome evaluation of new or adapted strategies, programs, or policies that can be implemented at the state, community, or systems-level to prevent illicit stimulant use or fatal and nonfatal overdose involving illicit stimulants, or polysubstance use or overdose involving illicit stimulants; or Assess risk and protective factors for illicit stimulant use, use disorder, and overdose that can contribute to the development or adaptation of intervention strategies.

Applications are due April 12, 2021. Approximately eight awards are available. Projects concerning Objective 1 will be funded up to \$725,000 per year. Projects concerning Objective 2 will be funded up to \$362,500 per year.

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

---

Vaccines and Related Biological Products Advisory Committee; Notice of Meeting; Establishment of a Public Docket; Request for Comments  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Vaccines and Related Biological Products Advisory Committee emergency use authorization of the Janssen Biotech Inc. COVID-19 Vaccine for active immunization to prevent COVID-19 caused by SARS-CoV-2 in individuals 18 years and older. Public comments are being sought.

The meeting will be held virtually on February 26, 2021 from 9:00 a.m. to 5:30 p.m. ET. Comments must be submitted by February 25, 2021.



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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Basic Scientific Research, Foundational Science Research Unit (2021-2022)  
Army (Army), Department of Defense (Defense), Army Research Institute (ARI)

Notice seeking applications for the conduct of research, development, and analyses for the improvement of Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, training, and leader development issues. Programs funded under this BAA include basic research that can improve human performance and Army readiness.

White papers are strongly encouraged and due May 15, 2022. Proposals are due August 4, 2022.

LINKS: [Grants.gov](#), [Contract Opportunities](#)

---

FY21 Young Investigator Program  
Navy (Navy), Department of Defense (Defense)

Notice seeking proposals to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, who have received their PhD or equivalent degree on or after 01 January 2013, and who show exceptional promise for doing creative research.

Proposals are due March 26, 2021.

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

---

MULTI-SOURCE, MULTI-DOMAIN DATA EXPLOITATION FOR BATTLESPACE AWARENESS AND DECISION SUPPORT  
Department of Defense (Defense)

Notice seeking white papers to research, develop, demonstrate, integrate, test, evaluate, and deliver technologies that: Process and exploit multi-source, multi-domain data to improve Battlespace Awareness and derive actionable decision information; and Leverage non-traditional software application development methodologies and DoD-sponsored Development, Security, Operations practices to automate processes including security and cybersecurity assurance, increase the cadence of feature enhancements, and reduce decision support timelines for Course of Action execution.

White paper submissions for FY21 are recommended by March 5, 2021. White papers may be submitted at any time until April 1, 2024. Multiple awards are anticipated with a funding range of \$500,000 to \$5 million for up to 48 months.

LINKS: [Contract Opportunities](#)

---

Strategic Environmental Research and Development Program (SERDP) - Open Broad Agency Announcement  
Army (Army), Department of Defense (Defense)

Notice seeking white papers for research focusing in the areas of Environmental Restoration, Munitions Response, Resource Conservation and Resiliency, and Weapons Systems and Platforms technologies. This mechanism supports environmental research relevant to the management and mission of the DoD and supports efforts that lead to the development and application of innovative environmental technologies or

methods that improve the environmental performance of DoD by improving outcomes, managing environmental risks, and/or reducing costs or time required to resolve environmental problems.

White papers will be accepted until February 23, 2022. A total of \$10 million is available to fund multiple awards.

LINKS: [Contract Opportunities](#), [Solicitation](#)

---

Understanding the Rules of Life: Emergent Networks

FON:

21-560

National Science Foundation (NSF)

Notice seeking proposals to help develop "rules of emergence" for networks of living systems and their environments through cross-disciplinary research. Primary investigators and co-PIs must represent expertise in different disciplines pertinent to at least two of the following directorates of the NSF: Biological Sciences, Computer and Information Science and Engineering, Education and Human Resources, Engineering, Geosciences, Mathematical and Physical Sciences, and Social, Behavioral, and Economic Sciences.

Applications are due May 10, 2021. \$15 million is available to fund up to 10 awards.

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

---

WaterSMART-Applied Science Grants for Fiscal Year 2021

Department of the Interior (Interior), Bureau of Reclamation

Notice seeking applications to leverage their money and resources by cost sharing with Reclamation on applied science projects to develop hydrologic information and water management tools and improve modeling and forecasting capabilities. Results from these projects will be used by water managers to increase water supply reliability, provide flexibility in water operations, and improve water management.

Applications are due April 21, 2021. Approximately \$1.5 million is available to support up to 12 awards. Cost share of 50 percent or more is required.

LINKS: [Grants.gov](#)

---

Astronomy and Astrophysics Advisory Committee

National Science Foundation (NSF)

Notice announcing a meeting of the Astronomy and Astrophysics Advisory Committee. The purpose of the meeting is to provide advice and recommendations to the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy (DOE) on issues within the field of astronomy and astrophysics that are of mutual interest and concern to the agencies.

The meeting will be held June 2, 2021; 12 p.m.-4 p.m. at National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314 (Zoom).

LINKS: [Federal Register](#)

---

NOAA Science Advisory Board

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

Notice announcing a meeting of the NOAA Science Advisory Board to discuss strategies for research, education, and application of science; as well as operations and information services within NOAA. This



meeting's agenda items include: NOAA Update; NOAA Response to SAB Report: Data Archive and Access Requirements Working Group on Preparing for a Cloudy Future; NOAA Response to SAB Report: Ecosystem Sciences and Management Working Group Report on Improving Fish Stock Assessments: A Report on Emerging Stock Assessment Technologies; Update on Diversity, Equity, and Inclusion Discussion; NOAA Response to CWG Subseasonal-to-Seasonal-to-Decadal (S2S2D): A Pathway to Improved Prediction White Paper; SAB Climate Working Group Advancing Earth Systems Prediction White Paper; SAB Ecosystem Sciences and Management Working Group Report on Decision Making Under Deep Uncertainty (DMDU); and Update on SAB Work Plan Priority Topics.

The meeting will be held virtually on March 15, 2021 and March 17, 2021 from 1:00 pm to 5:00 pm ET.

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

---

ARPA Energy Open 2021  
Department of Energy (Energy)

Notice seeking proposals for innovative projects in the field of energy research and development. The purpose of the Open FOA is to ensure that the agency does not miss opportunities to support innovative energy R&D that falls outside of the topics of the focused technology programs or that develop after focused solicitations have closed.

Required concept papers are due April 6, 2021. Approximately 50 awards with a range of \$250,000 to \$10 million are anticipated.

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

---

Future Manufacturing  
National Science Foundation (NSF)

Notice seeking proposals to support fundamental research and education of a future workforce to overcome scientific, technological, educational, economic and social barriers in order to enable new manufacturing capabilities that do not exist today. Future Manufacturing will require major advances in technologies and algorithms for the synthesis and production of new materials, chemicals, devices, components and systems of assured quality with high yield at reasonable cost.

Proposals are due May 14, 2021. Approximately \$32.2 million is available to support 25 awards.

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

---

Research Opportunities in Space and Earth Sciences 2021 (ROSES 2021)  
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD)

Notice encouraging the participation of the space and Earth science communities in SMD's research and technology programs. These programs form the foundation of both the basic and applied research that allows NASA's space and Earth science programs to be properly planned and carried through to the successful interpretation of data and its application to the needs of end users.

Notices of intent and Step-1 proposals are due April 2021. Step-2 proposals are due anytime until May 13, 2022.

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

---

Stimulating Collaborative Advances Leveraging Expertise in the Mathematical and Scientific Foundations of Deep Learning  
National Science Foundation (NSF)

Notice seeking proposals consisting of mathematicians, statisticians, electrical engineers, and computer scientists. Research activities should be focused on explicit topics involving some of the most challenging theoretical questions in the general area of Mathematical and Scientific Foundations of Deep Learning. Each collaboration should conduct training through research involvement of recent doctoral degree recipients, graduate students, and/or undergraduate students from across this multi-disciplinary spectrum.

Proposals are due May 12, 2021. Approximately \$15 million is available to support up to 20 awards.

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