

## UNO FOCUS:

SLSTP Summer Internship Program  
NASA

The primary goal of the Space Life Sciences Training Program (SLSTP) is to train the next generation of scientists and engineers, enabling NASA to meet future research and development challenges in the space life sciences. SLSTP provides undergraduate students with the opportunity to perform cutting-edge research and discover exciting careers in Space Biology at NASA's Ames Research Center located in Silicon Valley, California. Due to the pandemic, SLSTP has been held virtually starting in 2020, and will be held remotely in 2022 as well. Research Associates (RA) are paired with a mentor for individual research projects in areas such as molecular, cell, organismal or synthetic biology, bioinformatics or bioengineering. In addition, the cohort of RAs design and execute a group project.

The SLSTP application deadline is January 10, 2022. The 10-week program begins on June 6, 2022 and ends August 12, 2022. RAs accepted into the program receive a stipend.

LINKS: [NASA.gov](https://www.nasa.gov)

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LaDIA Faculty Fellows  
Louisiana Sea Grant

Louisiana Sea Grant offers one-year fellowships to highly talented tenure track faculty from institutions of higher education in Louisiana. Training received as part of the program helps support innovative solutions to the coastal challenges facing the Mississippi River Delta and coastal systems worldwide. Fellowships cover expenses for all accommodations, meals, training and field trips. The LaDIA Fellowship is divided into two retreats, each lasting two and a half days. To show fellows the unique issues associated with Louisiana's coast, retreats take place off campus in communities along the Chenier Plain and in the greater New Orleans area.

Fellowship applications are due by November 30, 2021 at 5:00 pm, CST.

LINKS: [LASEAGrant.org](https://www.laseagrant.org)

## ARTS, HUMANITIES, and INTERNATIONAL

FY2021 Historic Preservation Fund - Historically Black Colleges and Universities Grants  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking proposals to document, preserve, and stabilize historic structures on HBCU campuses. The HBCU grant program exists to repair historic structures on campuses of Historically Black Colleges and Universities.

Applications are due January 25, 2022. Approximately \$10 million is available to support 24 awards.

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

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

Notice seeking proposals for programs that strengthen societal and cultural ties between the U.S. and Slovakia through programming that highlights shared values and promotes bilateral cooperation. All programs should include a clear American component - a collaboration with American people, expert/s, organization/s, and or institution/s that will promote increased U.S.-Slovak ties and mutual understanding.

Proposals are due January 31, 2022, April 30, 2022, and July 31, 2022. Approximately \$400,000 is available to support 30 awards.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Assistive Technology Program for Farmers with Disabilities (AgrAbility)  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to increase the likelihood that farmers, farm workers and farm family members with disabilities, including veterans with disabilities, and their families who engage in farming, farm-related occupations, or are pursuing new farming opportunities, will experience success in agricultural production.

Applications are due January 13, 2022. Approximately \$4.39 million is available to support 14 awards.

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

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Authority to Accept Unsolicited Proposals for Research Partnerships  
Department of Housing and Urban Development (HUD)

Notice seeking unsolicited research proposals that address current research priorities of the HUD's Office of Policy Development and Research. 50% cost-sharing is required.

Applications are due June 30, 2022. Approximately \$3 million is available to fund up to 12 awards.

LINKS: [Grants.gov](#)

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Community Food Projects Competitive Grant Program  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to improve food and nutrition security in low-income communities through a food systems approach and Social Determinants of Health (SDOH) framework. The CFPCGP includes two types of projects: Community Food Projects (CFP) and Planning Projects (PP).

Applications are due December 20, 2021. Approximately \$4.8 million is available. Cost sharing is required. Colleges and universities are eligible to partner.

Limited Submission: Multiple submissions are not allowed.

LINKS: [Grants.gov](#)

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Food Safety Outreach Competitive Grants Program  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to develop and implement food safety training, education, extension, outreach and technical assistance projects that address the needs of owners and operators of small to mid-sized farms, beginning farmers, socially-disadvantaged farmers small processors, veteran farmers or ranchers, or small fresh fruit and vegetable merchant wholesalers.

Applications are due December 16, 2021. Approximately \$10 million is available.

Limited Submission: Multiple submissions is not allowed

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

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International Foreign Language Education (IFLE): Centers for International Business Education (CIBE) Program, Assistance Listing Number 84.220A  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to provide funding to institutions of higher education (IHEs) or consortia of such institutions for curriculum development, research, and training on issues of importance to international business and U.S. trade competitiveness.

Applications are due December 16, 2021. Approximately \$4.57 million is available to support 16 awards. Cost sharing is required.

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

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Specialty Crop Research Initiative  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to address the needs of the various specialty crop industries through the promotion of collaboration, open communication, the exchange of information, and the development of resources that accelerate application of scientific discovery and technology.

Pre-applications are due January 21, 2022. Approximately \$80 million is available.

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

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Commission on Social Status of Black Men and Boys; Meeting Notice  
Department of Justice (Justice)

Notice announcing a meeting of the Commission on Social Status of Black Men and Boys with the following agenda: Welcome and Presentation by USCCR Staff Director and introduction of CSSBMB Program Manager; Approval of Agenda; Business Meeting; Discussion and Vote on Chair, and Secretary; Discussion and Adoption of Rules to Conduct Business Meetings; Discussion and Vote on 2022 Meeting Dates; Management and Operations; Program Manager's Report; and Chair Comments/Adjourn Meeting.

The meeting will be held virtually on November 9, 2021 beginning at 1:00 p.m. ET.

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

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Higher Education Program (HEP): Basic Needs for Postsecondary Students Program, Assistance Listing Number 84.116N  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to support programs that address the basic needs of students and to report on practices that improve outcomes for students.

Applications are due December 6, 2021. Approximately \$4.95 million is available to support five awards. Community Colleges that are MSIs are eligible.

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

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Higher Education Program (HEP): Modeling and Simulation Program (MSP), Assistance Listing Number 84.116S  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications designed to promote the study of modeling and simulation at institutions of higher education by promoting the enhancement or development of modeling and simulation degree and certificate programs.

Applications are due December 6, 2021. Approximately \$6.93 million is available to support eight awards. Cost share of 25 percent is required.

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

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Higher Education Program (HEP): Rural Postsecondary and Economic Development (RPED) Grant Program, Assistance Listing Number 84.116W  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to improve rates of postsecondary enrollment, persistence, and completion among rural students through development of high-quality career pathways aligned to high-skill, high-wage, and in-demand industry sectors and occupations in the region.

Applications are due December 6, 2021. Approximately \$9.9 million is available to support eight awards.

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

## HEALTH and MENTAL HEALTH

Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on further development and validation of emerging technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

Applications are due April 22, 2022 and September 22, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$900,000 is available to support two awards.

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

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Centers of Excellence (COE)  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals for Centers of Excellence to provide educational and training opportunities that focus on increasing racial and ethnic diversity among health professions and addressing minority health issues.

Applications are due January 31, 2022. An estimated 15 awards of approximately \$686,000 are anticipated.

LINKS: [Grants.gov](#)

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Clinical Trial Readiness for Functional Neurological Disorders (U01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking proposals that address critical needs for clinical trial readiness in Functional Neurological Disorders, including the validation of biomarkers, endpoints and clinical outcome assessments that are fit-for-purpose and have a defined context of use for clinical trials.

The next due date for applications is February 5, 2022. Multiple awards are anticipated.

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

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Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to propose sequencing of existing pediatric cancer cohorts to elucidate the genetic contribution (somatic and/or germline) to childhood cancers, or to expand the range of disorders included within the Kids First Data Resource to investigate the genetic etiology of structural birth defects. The program will accept applications that propose whole genome, exome, and transcriptome sequencing, as well as epigenomic assays of tumor or affected tissue, when justified.

Applications are due February 23, 2022. Optional letters of intent are due 30 days prior to the application due date.

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

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Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R61 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

Applications are due April 22, 2022 and September 22, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$1 million is available to support four awards.

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

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Leadership Education in Adolescent Health (LEAH) Program  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Maternal and Child Health Bureau (MCHB)

Notice seeking applications to improve the quality of care and equitable access to appropriate health services for adolescents and young adults (AYA) by preparing leaders in AYA health through interdisciplinary training at the graduate and post-graduate levels.

Applications are due February 1, 2022. Approximately \$3.25 million is available to support seven awards.

LINKS: [Grants.gov](#)

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Modulating Human Microbiome Function to Enhance Immune Responses Against Cancer (R01 R21 Clinical Trial Not Allowed)

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

Notice seeking applications to support basic research that elucidates mechanisms by which the human microbiome inhibits or enhances anti-tumor immune responses, and to identify potential novel molecular targets for cancer prevention strategies.

R01 applications are due annually on February 5, June 5, and October 5. R21 applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2025.

LINKS: [Grants.gov \(R01\)](#), [Grants.gov \(R21\)](#), [Solicitation](#)

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Prodromal Synaptic and Circuit Changes that Contribute to AD-ADRD Onset and Progression (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

Notice seeking applications that use models to investigate and understand, from a mechanistic standpoint, the earliest synaptic, circuit and network changes that contribute to AD/ADRD disease onset and pathogenesis.

Applications are due February 5, 2022. Approximately \$3.75 million is available to support five awards.

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

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Epidemiology of Lupus: Longitudinal Studies in Population-Based Cohorts

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to better understand the epidemiology of lupus and improve understanding of how lupus impacts morbidity and mortality over time by accessing an existing adult or pediatric lupus population with a minimum of 5 years of follow-up for the adult population and 3 years of follow-up for the pediatric population.

Applications are due January 19, 2022. An estimated five awards for adult projects and one pediatric project are anticipated.

LINKS: [Grants.gov](#)

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Grants to Support New Investigators in Conducting Research Related to Preventing Interpersonal Violence Impacting Children and Youth

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center for Injury Prevention and Control (NCIPC)

Notice seeking applications to provide support for an intensive, supervised (mentored) career development experience in violence prevention research leading to research independence. NCIPC supports K01 grants to help ensure the availability of an adequate number of trained scientists to address critical public health research questions to prevent violence and injury.

Applications are due January 4, 2022. Optional letters of intent are due November 30, 2021. Approximately \$1.05 million is available to support up to seven awards.

LINKS: [Grants.gov](#)

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NCI Pathway to Independence Award for Outstanding Early Stage Postdoctoral Researchers (K99-R00 - Independent Clinical Trial Required)

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

Notice seeking applications designed for postdoctoral fellows with research and/or clinical doctoral degrees who do not require an extended period of mentored research training beyond their doctoral degrees. The objective of this award is to facilitate a timely transition of these fellows from their mentored, postdoctoral research positions to independent tenure-track (or equivalent) faculty positions.

Applications are due February 28, 2022. Approximately \$2.7 million is available to support 16 awards.

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

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Transition to Aging Research for Predoctoral Students (F99 K00 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals from outstanding graduate students from a wide range of broad research areas who are interested in receiving aging-related postdoctoral training.

Applications are due February 3, 2022. Approximately \$450,000 is available to fund seven to ten awards.

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

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National Biodefense Science Board  
National Science Foundation (NSF)

Notice announcing a meeting of the National Biodefense Science Board to provide advice and recommendations to the Assistant Secretary for Preparedness and Response regarding the development of the 2023-2026 National Health Security Strategy and to discuss other matters of current importance for public health emergency preparedness, response, and recovery.

The meeting will be held virtually on December 16, 2021.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Earth System Model Development and Analysis  
Department of Energy (Energy), Office of Science (SC)

Notice seeking proposals to support innovative and computationally advanced Earth system modeling capabilities, with the ultimate goal of providing accurate and computationally advanced representations of the fully coupled and integrated Earth system, as needed for energy and related sectoral infrastructure planning and to examine how well the models represent interactions and feedbacks spanning the weather-climate continuum (i.e., timescales ranging from synoptic through multi-decadal to centennial).

Required pre-applications are due January 5, 2022. Applications are due March 7, 2022.

LINKS: [Grants.gov](#)

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EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)  
National Science Foundation (NSF)

Notice seeking proposals that are designed to effect sustainable improvements in a jurisdiction's research

infrastructure, Research and Development (R&D) capacity, and hence, its R&D competitiveness. RII Track-2 FEC builds interjurisdictional collaborative teams of EPSCoR investigators in STEM focus areas consistent with NSF priorities. Projects are investigator-driven and must include researchers from at least two EPSCoR eligible jurisdictions with complementary expertise and resources necessary to address challenges, which neither party could address as well or rapidly independently.

Required letters of intent are due December 30, 2021. Proposals are due January 31, 2022. Up to \$10.5 million is available to support seven awards.

Limited Submission: One proposal per organization

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

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Great Lakes Fish and Wildlife Restoration Act FY 2022  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking research, restoration, and Regional Project proposals for the restoration of the Great Lakes Basin fish and wildlife resources.

Applications are due January 5, 2022. Approximately \$1.8 million is available to fund multiple awards.

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

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Strategic Technology Office (STO) Office-wide  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for innovative ideas and disruptive technologies that provide the U.S. military with increased lethality against peer nation threats and enable a diverse and robust range of options in all phases of competition.

Proposals are due any time until October 31, 2022. Multiple awards are anticipated.

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

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President's Council of Advisors on Science and Technology  
Department of Energy (Energy)

Notice announcing a meeting of the President's Council of Advisors on Science and Technology to discuss various aspects of biomanufacturing, the Federal science and technology workforce, and the National Nanotechnology Initiative.

The meeting will be held virtually on November 29, 2021 from 12:15 to 4:30 PM ET.

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

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MPS-Ascend External Mentoring  
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to fund an institution (or collaboration of institutions) to provide a mentored career development program specifically designed for two cohorts of MPS-Ascend Fellows funded through the Mathematical and Physical Sciences Ascending Postdoctoral Research Fellowships (MPS-Ascend NSF 21-573, and NSF 22-501) programs.

Proposals are due February 15, 2022. Approximately \$900,000 is available.

Limited Submission: Two proposals per organization

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

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NOAA Great Lakes Fish Habitat Restoration Partnership Grants  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals to protect and restore habitats to sustain healthy populations of native fish species in the eight U.S. Great Lakes states. This funding opportunity prioritizes habitat restoration projects that aim to restore functional coastal wetland, nearshore, and/or riverine habitats that support native fish migration, reproduction, growth, and/or seasonal refuge.

Applications are due January 12, 2022. Approximately \$10 million is available.

LINKS: [Grants.gov](#)

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Advisory Committee for Social, Behavioral and Economic Sciences  
National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Social, Behavioral and Economic Sciences. The purpose of the meeting is to provide advice and recommendations to the National Science Foundation on major goals and policies pertaining to Social, Behavioral and Economic Sciences Directorate (SBE) programs and activities.

The meeting will be held December 2-3, 2021; 12:00 p.m.-5:00 p.m. ET at NSF, 2415 Eisenhower Avenue, Alexandria, VA 22314. Virtual AC Meeting via Zoom.

LINKS: [Federal Register](#)