

## UNO FOCUS:

EPSCoR Research Priorities  
Louisiana NASA

NASA EPSCoR has released the Research Priorities that will be included in the FY22 Competitive Research Award opportunity. As you build your proposals for the statewide selection competition, you should be sure to align your project with priorities identified at the website below.

Notice of intent due 9/29/21; pre-proposals due 11/17/21.

LINKS: [NASA EPSCoR](#)

## ARTS, HUMANITIES, and INTERNATIONAL

Inspire! Grants for Small Museums (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals to support small museums of all disciplines in project-based efforts to serve the public through exhibitions, educational/interpretive programs, digital learning resources, professional development, community debate and dialogue, audience-focused studies, and/or collections management, curation, care, and conservation. Inspire! has three project categories: Lifelong Learning; Institutional Capacity; and Collections Stewardship and Access.

Proposals are due November 15, 2021. Approximately \$5,000 to \$50,000 per award is available for up to two years.

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

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Museum Grants for African American History and Culture (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals designed to build the capacity of African American museums and support the growth and development of museum professionals at African American museums.

Applications are due November 15, 2021. Approximately 26 awards ranging from \$5,000 to \$250,000 are available to support projects lasting up to three years. A one to one cost share for awards above \$50,000 is required. Eligibility is limited to museums whose primary purpose, as reflected in its mission, is African American life, art, history, and/or culture, encompassing: the period of slavery; the era of Reconstruction; the Harlem renaissance; the civil rights movement; and other periods of the African American diaspora.

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

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Museums Empowered (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals designed to support projects that use the transformative power of professional development and training to generate systemic change within museums of all types and sizes. Museums Empowered has four project categories: Digital Technology; Diversity and Inclusion; Evaluation; and Organizational Management.

Applications are due November 15, 2021. The maximum award amount is \$250,000. Cost sharing is required.

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

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Museums for America (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals to support museums of all sizes and disciplines to undertake projects that strengthen their ability to serve their public. Project activities may include exhibitions, educational or interpretive programs, digital learning resources, professional development, community debate and dialogue, audience-focused studies, and/or collections management, curation, care, and conservation.

Proposals are due November 15, 2021. Approximately 115 awards ranging from \$5,000 to \$250,000 are available to support projects lasting up to three years. A one to one cost share is required.

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

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National Leadership Grants for Museums (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals to support projects that address critical needs of the museum field and that have the potential to advance practice in the profession to strengthen museum services for the American public.

Proposals are due November 15, 2021. Approximately \$5,000 to \$750,000 per award is available for up to three years. A one to one cost share is required.

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

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Native American Native Hawaiian Museum Services (2022)  
Institute of Museum and Library Services (IMLS)

Notice seeking proposals to support Indian tribes and organizations that primarily serve and represent Native Hawaiians in sustaining heritage, culture, and knowledge through exhibitions, educational services and programming, workforce professional development, organizational capacity building, and collections stewardship.

Proposals are due November 15, 2021. Approximately \$5,000 to \$100,000 per award is available for up to three years. Eligibility is limited to Indian Tribes or an organization that primarily serves and represents Native Hawaiians, but opportunities exist for colleges and universities to collaborate.

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

## HEALTH and MENTAL HEALTH

Innovative Mental Health Services Research Not Involving Clinical Trials (R01 Clinical Trials Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking proposals for innovative research that will inform and support the delivery of high-quality, continuously improving mental health services to benefit the greatest number of individuals with, or at risk for developing, a mental illness.

The next due date for applications is October 5, 2021. Multiple awards are anticipated.

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

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Innovative Multi-Level Approaches and Strategies to Prevent, Test and Treat HIV in Primary Care Settings in Health Disparity Populations in Geographic Hot Spots in the United States (R01 - Clinical Trial Required) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD); National Institute of Mental Health (NIMH)

Notice seeking applications to support research projects that examine innovative approaches and strategies to prevent, test and treat HIV among health disparity populations or subgroups within primary care settings located in geographic areas with a high rate of new infections in the United States.

Applications are due January 14, 2022. Optional letters of intent are due December 14, 2021. Approximately \$3 million is available to support four awards.

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

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Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Institutionally-Focused Research Education Award to Promote Diversity (UE5 - Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for creative educational activities with a primary focus on Courses for Skills Development and Mentoring Activities in an effort to encourage individuals from diverse backgrounds, for example those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research.

The next due date for applications is November 18, 2021. Multiple awards with an average of \$250,000 are anticipated.

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

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Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Postdoctoral Career Transition Award to Promote Diversity National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals from early career, independent investigators from diverse backgrounds conducting research in NIH mission areas looking to transition from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions at research-intensive institutions. Available K99 and R00 mechanisms include Independent Trial Not Allowed; Independent Clinical Trial Required; and Independent Basic Experimental Studies with Humans Required.

The next due date for applications is October 27, 2021. Multiple awards are anticipated.

LINKS: [Grants.gov \(K99/R00 Independent Clinical Trial Not Allowed\)](#), [Grants.gov \(K99/R00 - Independent Clinical Trial Required\)](#), [Grants.gov \(K99/R00 - Independent Basic Experimental Studies with Humans Required \(BESH\)\)](#)

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Meeting of the Community Preventive Services Task Force (CPSTF) Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Community Preventive Services Task Force of the CDC for deliberation on systematic reviews of literature on the following topics: Cancer Screening; HIV Prevention; Nutrition, Physical Activity, and Obesity; Social Determinants of Health, and Violence Prevention.

The meeting will be held virtually on October 20 and 21, 2021 from 10:00 a.m. to 5:00 p.m. ET.

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

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Assessing Immune Memory (AIM)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals to develop a platform capability to predict immune memory informed by a systems-level view of the host response to vaccination and its mechanisms.

Applications are due October 26, 2021. Multiple awards are anticipated.

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

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Blueprint MedTech Translator (UG3 UH3 - Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for translational activities and clinical feasibility studies to advance the development of therapeutic, and diagnostic devices for disorders that affect the nervous or neuromuscular systems.

The next due date for applications is October 20, 2021. Multiple awards are anticipated.

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

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Blueprint MedTech: Incubator Hubs (U54 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to establish incubator hubs to provide medical device developers (innovators) with resources to support development of human-grade prototypes.

Applications are due October 20, 2021. Multiple awards are anticipated.

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

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Blueprint Medtech: Small Business Translator (U44 - Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals from Small Business Concerns to pursue translational activities and limited-size clinical studies to advance the development of therapeutic and diagnostic devices for disorders that affect the nervous or neuromuscular systems. Colleges and universities may partner.

The next due date for applications is October 20, 2021. Multiple awards are anticipated.

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

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Deciphering Immune-CNS interactions in people living with HIV on Anti-Retroviral therapy (R01 Clinical Trial Optional) and Deciphering Immune-CNS interactions in HIV utilizing in-vitro and in-vivo model systems (R21 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH); National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking proposals for studies to better comprehend Immune-CNS interactions in people living with HIV on Anti-Retroviral therapy. Funding for studies involving people living with HIV on Anti-Retroviral therapy and utilizing in-vitro and in-vivo model systems are available.

Applications are due December 7, 2021. An estimated six to ten awards are anticipated.

LINKS: [Grants.gov \(Deciphering Immune-CNS interactions in people living with HIV on Anti-Retroviral therapy\)](#), [Grants.gov \(Deciphering Immune-CNS interactions in HIV utilizing in-vitro and in-vivo model systems\)](#)

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HIV Prevention and Alcohol (R01 and R34 Clinical Trials Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking proposals for the development and testing of new interventions and expansion of existing effective interventions as well as the implementation of these integrative preventive activities in diverse settings and populations in order to expand the HIV/AIDS prevention toolkit among alcohol impacted populations with a range of patterns of episodic and long-term use and associated behavioral and biological risks for HIV acquisition. R01 Clinical Trials Optional and R34 Clinical Trials Optional mechanisms are available.

Applications are due December 16, 2021. An estimated six to eight awards of up to \$500,000 per year are anticipated.

LINKS: [Grants.gov \(R01 Clinical Trials Optional\)](#), [Grants.gov \(R34 Clinical Trials Optional\)](#)

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Selectively Target Technology Development to Understand How Changes or Dysfunction at the Capillary, Arterioles, and Small Lymphatic Vessels Level Can Have Long-term Impact on AD/DRD (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 proposals for studies that will advance the mechanistic understanding of small vessel vascular contributions to cognitive impairment and dementia through the development of new technologies and innovative methods that enable the imaging and/or functional assessment of the small blood and lymphatic vessels and perivascular spaces of the brain.

Applications are due November 8, 2021. Approximately five awards of up to \$499,000 per year are anticipated.

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

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Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21 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); National Human Genome Research Institute (NHGRI)

Notice seeking proposals from new investigators from diverse backgrounds, including from groups nationally underrepresented in biomedical research, to conduct small research projects in the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and participating Institutes and Centers.

The next due date for applications is October 16, 2021. Multiple awards of up to \$125,000 per year are anticipated.

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

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

Notice announcing a meeting of the National Cancer Institute Clinical Trials and Translational Research Advisory Committee for a Strategic Discussion of NCI's Clinical and Translational Research Programs.

The meeting will be held virtually on November 10, 2021 from 11:00 a.m. to 3:00 p.m. ET.

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

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Office of the Director, National Institutes of Health; Notice of Meeting  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the NIH Council of Councils to discuss NIH Program Updates; Scientific Talks; and Other Business of the Committee.

The open portion of the meeting will be held virtually on September 17, 2021 from 1:30 to 5:10 p.m. ET.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Army Project Manager Soldier Survivability Program Executive Office Soldier Broad Agency Announcement (BAA)  
Department of Defense (Defense)

Notice seeking concept papers for the development of state-of-the-art Soldier clothing and individual equipment, personal body armor, and other survivability items.

Concept papers will be accepted until August 17, 2026. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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Broad Agency Announcement (BAA) for DOD Lock Program RDTE  
Department of Defense (Defense)

Notice seeking pre-proposals to conduct research, development, test and evaluation (RDTE) activities as part of improving security effectiveness and operations in support of wide-ranging DOD Missions.

Pre-proposals are due September 19, 2021. Funding is available.

LINKS: [Contract Opportunities](#)

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Defense Production Act Title III Expansion of Domestic Production Capability and Capacity; CALL 011 - Critical Chemical Precursors for Energetic Materials  
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking proposals to expand the domestic processing and production capability for chemical precursors to be used in the energetic materials of conventional armament systems and other applications in commercial markets.

Proposals are due September 28, 2021. Optional Intent to propose are due September 3, 2021. Approximately \$10 million is available to support four awards. One to one cost share is required.

LINKS: [Grants.gov](#)

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NSF-Simons Collaboration on a National Institute for Theory and Mathematics in Biology  
Directorate for Biological Sciences (BIO), Directorate for Mathematical & Physical Sciences (MPS),  
National Science Foundation (NSF), Simons Foundation

Notice seeking proposals to support a research institute to enable innovative research at the intersection of mathematical and biological sciences to facilitate new developments of biology-inspired mathematical theories, methodologies, and innovative modeling approaches to advance the understanding of challenging biological problems. The institute should promote interdisciplinary education and workforce training between these two disciplines.

Required preliminary proposals are due December 1, 2021. Proposals are due July 18, 2022.  
Approximately \$50 million is available.

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

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ROSES 2021: Terrestrial Ecology  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for airborne and space-based observations to understand how Earth's carbon cycle and terrestrial ecosystems respond to environmental changes and human intervention. The goals of the TE Program are to improve understanding of the structure, function, and productivity of terrestrial ecosystems across the globe, their interaction with the atmosphere and hydrosphere, and their role in cycling the major biogeochemical elements and water.

Requested notices of intent are due September 15, 2021. Proposals are due November 17, 2021.  
Approximately \$4.5 million per year is available to support 16 to 25 awards.

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

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Broad Agency Announcement for 3D Lidar Data  
Department of the Interior (Interior)

Notice seeking proposals to propose a partnership with 3D Elevation Program (3DEP) to fund lidar data acquisition and the creation of lidar-derived elevation products.

Proposals are due October 1, 2021. Multiple awards are anticipated. Cost sharing is required.

LINKS: [Contract Opportunities](#)

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FY2022 Vannevar Bush Faculty Fellowship (VBFF) Program  
Navy (Navy), Department of Defense (Defense)

Notice seeking proposals for basic, "blue sky" scientific and engineering research that could be the foundation for future revolutionary new capabilities for the DoD.

Required white papers are due October 15, 2021. Approximately eight to ten awards of up to \$3 million are anticipated.

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

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FY21 Missile Defense Agency (MDA) Science, Technology, Engineering & Mathematics (STEM) Broad Agency Announcement (BAA)  
Department of Defense (Defense)

Notice seeking white papers from a broad, innovative spectrum of candidates, who are well versed in science and engineering disciplines to prompt interest of STEM-based education and careers among youth and college students. Additionally, this announcement seeks ingenious and contemporary methods for teacher professional development.

White papers are due October 4, 2021 to the contact below. Approximately \$650,000 is available.

LINKS: [Contract Opportunities](#)

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Research Experiences for Teachers (RET) in Engineering and Computer Science  
National Science Foundation (NSF)

Notice seeking proposals for research institutions to host K-14 educators in summer programs to allow educators to enhance their scientific disciplinary knowledge in engineering or computer science and translate their research experiences into classroom activities and curricula to broaden their students' awareness of and participation in computing and engineering pathways.

Applications are due November 16, 2021. An estimated nine awards of up to \$600,000 are anticipated.

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

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Science and Technology Projects Related to Coal Mining and Reclamation; Applied Science Projects  
Department of the Interior (Interior)

Notice seeking proposals for projects that develop and demonstrate improved science and technologies related to the mining of coal and the reclamation of the land after mining.

Applications are due October 7, 2021. Approximately eight awards of up to \$200,000 are anticipated.

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