

## UNO FOCUS:

Proposal & Award Policies & Procedures Guide (PAPPG)  
National Science Foundation (NSF)

Effective October 4, 2021, the National Science Foundation (NSF) made a number of system updates for proposals submitted in Research.gov, FastLane, and Grants.gov in accordance with the implementation of the Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 22-1). Please see the list of PAPPG (NSF 22-1) significant changes and clarifications for all of the updates. New proposal and submission types were also enabled in the Research.gov Proposal Submission System.

### LINKS:

- New Proposal Type: [Planning Proposal](#)
- New Proposal Type: [Career-Life Balance \(CLB\) Supplemental Funding Requests](#)
- [Significant Changes and Clarifications to the PAPPG](#)

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2021-22 University Design Competition for Addressing Airport Needs  
Airport Cooperative Research Program

The Airport Cooperative Research Program (ACRP) is offering the University Design Competition for Addressing Airport Needs for U.S.-based undergraduate and/or graduate students to design innovative solutions that address airport issues to enhance the management, safety, capacity and efficiency of the nation's airports. Winning design proposals receive cash awards up to \$3,000, and first place winners present their work at the National Academies of Sciences, Engineering, and Medicine and at a professional conference relating to their work. The competition also provides students with exposure to aviation and airport-related careers.

Follow the design submission guidelines found on the ACRP Design Competition website prior to submitting an entry. Design submissions will be accepted from Nov. 1, 2021 through May 13, 2022.

LINKS: [TRB.org](http://TRB.org)

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Research Awards Program (RAP)  
Louisiana NASA EPSCoR

The RAP sub-program is designed for those researchers who have made a NASA contact and are ready to take the next step of initiating a small project. This could involve almost any type of NASA relevant work, such as utilizing a specific NASA facility, employing NASA expertise, or building upon previous NASA work (akin to technology/knowledge transfer) or working with a NASA group on problems of common interest. In all cases, the Louisiana researcher must have the support of a NASA researcher and include a plan for developing a research partnership, and the proposal must clearly state which Mission Directorate this project aligns with. The goal here is to develop larger, longer-lasting collaborative projects that can transition to the next level.

Notices of Intent (NOIs) are required and are due on Friday, December 3, 2021. Proposals from PIs who have submitted a compliant NOI will be accepted until midnight on Friday, January 7, 2022. A brief description of the program is available below, and complete, current guidelines can be found attached here and on our website.

LINKS: [LA NASA EPSCoR](#)

## ARTS, HUMANITIES, and INTERNATIONAL

National Digital Newspaper Program

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

Notice seeking applications to create a national digital resource of historically significant newspapers published between 1690 and 1963, from all the states and U.S. jurisdictions. This searchable database will be permanently maintained at the Library of Congress and will be freely accessible online.

Applications are due January 13, 2022. Optional draft applications are due December 3, 2021. The maximum award amount is \$325,000.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Rural Business Development Grant (RBDG)  
United States Department of Agriculture (USDA), Rural Business-Cooperative Service (RBS)

Notice seeking proposals to promote economic development and job creation projects through the awarding of grant funds to eligible entities. Applications will compete in two separate categories, business opportunity grants and business enterprise grants, for use in funding various business and community projects that serve rural areas.

Applications are due February 28, 2022.

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

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W.E.B. Du Bois Program of Research on Reducing Racial and Ethnic Disparities in the Justice System,  
Fiscal Year 2021  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking proposals for investigator-initiated research examining how observed racial and ethnic disparities in the justice system might be reduced through public policy interventions at any point during the administration of justice. Both established and early-career grants are available.

Applications are due December 30, 2021. Approximately \$3 million is available to fund multiple awards.

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

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FY2021 Historic Preservation Fund- African American Civil Rights- Preservation Grants, History Grants  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking proposals for physical preservation projects and for historical research/documentation projects related to the African American struggle to gain equal rights as citizens as well as the transatlantic slave trade. Both History Grants and Preservation Grants are available.

Applications are due December 1, 2021. Approximately \$16.75 million is available to fund an estimated 30 to 70 awards of both types.

LINKS: [Grants.gov \(Preservation\)](#), [Grants.gov \(History\)](#)

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FY2021 Historic Preservation Fund- History of Equal Rights- Preservation Grants  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking proposals preserve sites related to the struggle of all American's to achieve equal rights with projects including: architectural services, historic structure reports, preservation plans, and physical preservation to structures.

Applications are due December 1, 2021. An estimated \$3.375 million is available to fund approximately eight awards.

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

## HEALTH and MENTAL HEALTH

Innovation Award: COVID-19 and Health Equity (U01) Clinical Trials Optional  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to fund innovative research that will strengthen and advance COVID-19 health equity research.

Applications are due November 29, 2021. Optional letters of intent are due November 2, 2021. Up to \$5 million is available to support five awards.

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

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Interventions for Stigma Reduction to Improve HIV AIDS Prevention, Treatment and Care in Low- and Middle- Income Countries (R01 - Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for research on or leading to interventions to address: innovation in measurement of HIV-associated stigma and of other intersecting stigmas due to multiple morbidities to develop better interventions; stigma and adolescent and/or youth health; effects of stigma on family members or care givers of PLWH, and on the aging PLWH; novel stigma reduction interventions that link to increase in care-seeking behavior and/or decrease in transmission and; coping with the complexity of added burden of stigmatization due to HIV and to one or more comorbidities/co-infections.

The next due date for applications is December 20, 2021. Multiple awards of up to \$400,000 for three years are anticipated.

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

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NIA Career Transition Award (K22 Independent Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals to help transition mentored researchers to tenure-track faculty conducting research that advances the mission of the National Institute on Aging by providing protected time through salary and research support.

The next due date for applications is February 12, 2022. Multiple awards are anticipated.

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

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NINDS Institutional AD-ADRD Research Training Program (T32 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 to provide support for institutional research training programs in Alzheimer's Disease/Alzheimer's Disease-Related Dementias (AD/ADRD). These institutional research training programs should produce well-trained neuroscientists who leave the program with the research skills and

scientific knowledge to make a significant contribution to research on AD/ADRD cognitive impairment and dementia.

Applications are due annually on May 25. Program expires May 26, 2024.

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

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Systems Biology for Infectious Diseases (U19 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 support research that employs systems biology approaches to human pathogens. The approach will generate and integrate large datasets into models that guide in vitro, in vivo and clinical studies, with the goals of predicting disease severity, predicting responses to vaccines and therapeutics, and identifying candidate targets for interventions.

Applications are due January 14, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$10 million is available to support four to five awards in FY 2023.

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

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The role of Epstein Barr virus (EBV) infection in Non-Hodgkin Lymphoma (NHL) and Hodgkin disease (HD) development with or without an underlying HIV infection (U01 Clinical Trial Optional)

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

Notice seeking applications to increase our knowledge through mechanistic, epidemiological, or translational studies that examine how EBV promotes NHL or HD initiation, progression, and the resulting disease sequelae and to provide insights into mechanistic differences in the relationship between EBV infection and lymphomagenesis in HIV+ versus HIV- persons.

Applications are due annually on December 15. Program expires December 16, 2023.

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

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Family-to-Family Health Information Centers

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

Notice seeking proposals to operate a Family-to-Family Health Information Center to provide information, education, technical assistance, and peer support to families of children and youth with special health care needs and the professionals who serve them.

Applications are due January 5, 2022. Approximately \$5,708,250 is available to fund one award in each US state and territory (59 total).

LINKS: [Grants.gov](#)

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HEAL initiative: Pharmacotherapies to Reverse Opioid Overdose Induced Respiratory Depression Without Central Opioid Withdrawal (Target Validation and Candidate Therapeutic Development) (UG3 UH3 Clinical Trials Not Allowed)

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

Notice seeking proposals for the pre-clinical development of novel, pharmacotherapeutic candidates to selectively counteract opioid induced respiratory depression, without blocking opioid analgesic benefits or inducing acute opioid withdrawal.

Applications are due December 3, 2021. An estimated five awards of up to \$500,000 are anticipated.

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

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Role of Astrocytes in Degeneration of the Neurovascular Unit in AD ADRDs (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 to investigate the fundamental role of astrocytes in Alzheimer's Disease Related Dementias.

Applications are due February 4, 2022. An estimated five awards of up to \$500,000 per year are anticipated.

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

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Meeting of the Presidential Advisory Council on HIV AIDS  
Department of Health and Human Services (HHS)

Notice announcing a meeting of the Presidential Advisory Council on HIV/AIDS to provide advice, information, and recommendations regarding programs and policies intended to promote effective prevention and care of HIV infection and AIDS.

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

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

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Request for Information on Research Opportunities and Operational Activities Related to the NIH Strategic Plan To Advance Research on the Health and Well-Being of Sexual & Gender Minorities Fiscal Years 2021-2025

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

Notice seeking feedback on research opportunities and operational activities related to the NIH Strategic Plan to Advance Research on the Health and Well-Being of Sexual and Gender Minorities.

Comments are due December 3, 2021.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Advanced Tracking Architectures Using Artificial Intelligence (AI) (ATA-AI)  
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking proposals to research, design, develop, test, evaluate, and deliver innovative technologies and techniques for Next Generation Target Tracking architectures which exploit a wide array of data sources and leverage the power of Artificial Intelligence (AI) and Machine Learning (ML).

Required white papers are due November 15, 2021 and annually on June 1 to [Carolyn.Sheaff@us.af.mil](mailto:Carolyn.Sheaff@us.af.mil). Program expires September 30, 2025. Approximately \$49 million is available to fund multiple awards.

LINKS: [Contract Opportunities](#)

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Atmospheric System Research (ASR)  
Department of Energy (Energy), Office of Science (SC)

Notice seeking applications to quantify the interactions among aerosols, clouds, precipitation, and radiation to improve understanding of key cloud, aerosol, precipitation, and radiation processes that affect the Earth's radiative balance and hydrological cycle, especially processes that limit the predictive ability of regional and global models.

Required pre-applications are due November 3, 2021. Applications are due January 11, 2022. Approximately \$14 million is available to support 15 to 20 awards.

LINKS: [Grants.gov](#)

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Broad Agency Announcement (BAA) for Naval Warfare and Weapons  
Department of Defense (Defense), Naval Air Warfare Center Weapons Division (NAWCWD)

Notice seeking proposals for Naval Air Warfare and Weapons which offer potential for advancement and improvement of Navy and Marine Corps operations.

White papers and Proposals are accepted anytime until September 30, 2022. The amounts vary depending on research area.

LINKS: [Contract Opportunities](#)

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Research on the Science and Technology Enterprise: Indicators, Statistics, and Methods  
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to use National Center for Science and Engineering Statistics (NCSES) or other data to conduct research on the science and technology (S&T) enterprise, develop improved survey methodologies that could benefit NCSES surveys, explore alternate data sources that could supplement NCSES data, create and improve indicators of S&T activities and resources, strengthen methodologies to analyze S&T statistical data, and explore innovative ways to communicate S&T statistics.

Applications are due January 18, 2022. Approximately \$1.5 million is available to fund five to ten awards.

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

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National Geospatial Advisory Committee  
Department of the Interior (Interior)

Notice announcing a meeting of the National Geospatial Advisory Committee (NGAC). The NGAC reviews and comments on geospatial policy and management issues and provides a forum to convey views representative of non-federal stakeholders in the geospatial community.

The meeting will be held as a webinar on Tuesday, October 12, 2021 and Wednesday, October 13, 2021 from 1:00 p.m. to 5:00 p.m. (ET).

LINKS: [Federal Register](#)

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President's Council of Advisors on Science and Technology (PCAST)  
Department of Energy (Energy), Office of Science (SC)

Notice announcing a meeting of the President's Council of Advisors on Science and Technology. The



purpose of the meeting is to augment the science and technology advice available to him from the White House, cabinet departments, and other Federal agencies.

The meeting will be held Monday, October 18, 2021; 12:00 p.m. to 4:45 p.m. ET and Tuesday, October 19, 2021; 12:00 p.m. to 2:10 p.m. ET.

LINKS: [Federal Register](#)

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Centers for Innovation and Community Engagement in Solid Earth Geohazards  
National Science Foundation (NSF)

Notice seeking proposals for university-based centers to advance research on the fundamental solid Earth processes that underpin natural hazards.

Required letters of intent are due November 16, 2021. Applications are due March 15, 2022. Approximately \$7 million is available to fund three to five awards.

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

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FY 2022 Continuation of Solicitation for the Office of Science Financial Assistance Program  
Department of Energy (Energy), Office of Science (SC)

Notice seeking proposals in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production.

Applications will be accepted at any time until September 30, 2022. Approximately 200 to 350 awards with an estimated ceiling of \$5 million are anticipated.

LINKS: [Grants.gov](#)

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Long Range Broad Agency Announcement for Navy and Marine Corps Science and Technology  
Navy (Navy), Department of Defense (Defense)

Notice seeking proposals for Long-Range S&T Projects that offer potential for advancement and improvement of Navy and Marine Corps operations across a spectrum of science and engineering disciplines.

Applications will be accepted until September 30, 2022. Multiple awards are anticipated.

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

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Technology Innovation to Increase Hydropower Flexibility  
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking proposals for next-generation technologies from manufacturers, equipment vendors, and research organizations to improve the flexible capabilities of the U.S. hydropower fleet.

Required concept papers are due November 2, 2021. An estimated two to six awards of up to \$4 million are anticipated.

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

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Young Faculty Award (YFA)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals from elite researchers early in their careers to develop innovative new research that enables transformative DoD capabilities.

Applications are due January 25, 2022. Multiple awards of up to \$500,000 are anticipated.

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

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Advisory Committee for Biological Sciences; Notice of Meeting  
National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Biological Sciences with the following agenda: a directorate business update, update on BIO's broadening participation portfolio, a joint session with the Mathematical and Physical Sciences Advisory Committee (MPS AC) to discuss the MPS AC subcommittee report on "MPS and the Living World", update on Technology, Innovation and Partnerships, updates from the BIO AC liaisons to the Committee on Equal Opportunities in Science and Engineering and to the AC for Environmental Research and Education, discussion with the NSF Director, and discussion of BIO's response to the Division of Biological Infrastructure Committee of Visitors report.

The meeting will be held virtually on November 3, 2021 from 10 a.m. to 4:30 p.m. ET and November 4, 2021 from 10 a.m. to 12:45 p.m. ET.

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

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NASA Astrophysics Advisory Committee; Meeting  
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the NASA Astrophysics Advisory Committee for the purpose of soliciting, from the scientific community and other persons, scientific and technical information relevant to program planning.

The meeting will be held virtually on October 13 and October 15, 2021 from 11:00 a.m. to 5:00 p.m. ET.

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