

## UNO FOCUS:

LA FY2021 Request for Pre-Proposals  
NASA EPSCoR

NASA EPSCoR proposals are expected to establish research programs that will make significant contributions to the strategic research and technology priorities of one or more of the four NASA Mission Directorates (MD) and one or more of the ten NASA field centers, and contribute to the overall research infrastructure, science and technology capabilities, higher education, and economic development of the State. A list of the research priorities for each MD and center was FY2021 NASA EPSCoR Call for Pre-proposals: Page 3 included in the FY20 NASA EPSCoR CAN solicitation. That list is on the LA NASA EPSCoR website (<http://lanasaepscor.lsu.edu/research-implementation/>).

Before a pre-proposal will be accepted, a notice of intent (NOI) in portable document format (pdf) must be submitted by the PI no later than the close of business (4:30 p.m.) on Wednesday, September 30, 2020.

LINKS: [NASA EPSCoR](#)

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Research Awards Program (RAP)  
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.

An NOI is required in advance of proposal submission. Institutional sign-off is not required for the NOI. RAP awards will be issued for a 12-month period of performance. RAP-SIP awards are anticipated to be in the \$30K-\$40K range; RAP-PP awards are anticipated to range from \$60K-\$75K. Proposing institutions are expected to provide a 50% total cost-match. The project PI must be a faculty member at one of Louisiana's institutions of higher education.

LINKS: [NASA EPSCoR](#)

## ARTS, HUMANITIES, and INTERNATIONAL

Public Scholars  
National Endowment for the Humanities (NEH), Division of Research Programs

Notice seeking applications to support the creation of well-researched nonfiction books in the humanities written for the broad public. It does so by offering grants to individual authors for research, writing, travel, and other activities leading to publication.

Applications are due December 16, 2020. The maximum award amount is \$5,000 per month.

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

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Digital Humanities Advancement Grants  
National Endowment for the Humanities (NEH), Office of Digital Humanities (ODH)

Notice seeking applications to support innovative, experimental, and/or computationally challenging

projects at different stages throughout their lifecycles, from early start-up phases through implementation and sustainability.

Optional draft applications are due December 1, 2020. Applications are due January 15, 2021. Maximum award amount for Level I: \$50,000; Level II: \$100,000; and Level III: \$325,000 in outright funds, with an additional \$50,000 in matching funds.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Japanese American Confinement Sites Grant Program  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking applications to provide financial assistance to organizations and entities working to preserve historic Japanese American confinement sites and their history, including: private nonprofit organizations; educational institutions; state, local, and tribal governments; and other public entities, for the preservation and interpretation of U.S. confinement sites where Japanese Americans were detained during World War II.

Applications are due November 9, 2020. Each grant requires a 2:1 Federal to non-Federal match.

LINKS: [Grants.gov](#)

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Advisory Committee on Veterans' Employment, Training and Employer Outreach (ACVETEO): Meeting  
Department of Labor (Labor), Veterans' Employment and Training Service (VETS)

Notice announcing a meeting scheduled to discuss programs and services that assist veterans seeking employment and raise employer awareness as to the advantages of hiring veterans.

The meeting will be held September 30, 2020 from 9:00 a.m. to 12:00 p.m., ET online. Email the contact by September 23, 2020, to attend, with the subject line "September 2020 ACVETEO Meeting."

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

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Administrative Priority and Definitions for Discretionary Grant Programs  
Department of Education (Education)

Notice announcing a priority and definitions for discretionary grant programs that would promote the use of ED discretionary grants funds to support remote learning.

Comments are due October 8, 2020.

LINKS: [Federal Register](#)

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FY 2021 AmeriCorps State and National Grants  
Corporation for National and Community Service (CNCS)

Notice seeking applications proposing to engage AmeriCorps members in evidence-based or evidence-informed interventions to strengthen communities. An AmeriCorps member is an individual who engages in community service through an approved national service position.

Applications are due January 6, 2021. The amount and number of awards may vary.

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

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Women's Business Center - Initial Phase  
Small Business Administration (SBA), Department of Commerce (Commerce)

Notice providing funding for up to 25 private, non-profit organizations that will provide entrepreneurial development services to women, with an emphasis on socially and economically disadvantaged entrepreneurs in locations that are outside of the geographical areas of existing WBCs. This program announcement seeks to encourage MSIs to provide entrepreneurial development services to socially and economically disadvantaged entrepreneurs.

Applications are due September 24, 2020. Approximately \$3.75 million is available.

LINKS: [Grants.gov](#)

## HEALTH and MENTAL HEALTH

Development of the Fetal Immune System (R01 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); National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to understand the contribution of specific elements of maternal molecular and cellular factors that can control and effect the development of the fetal immune system.

Applications are due April 7, 2021, December 7, 2021, April 7, 2022, December 7, 2022, April 7, 2023, and December 7, 2023.

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

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Modules for Enhancing Biomedical Research Workforce Training (R25 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 to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

Applications are due June 18, 2021; June 20, 2022; and June 19, 2023.

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

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Geriatric and Gerontology Advisory Committee; Notice of Meeting  
Department of Veterans Affairs (VA)

Notice announcing a meeting scheduled to discuss the capability of VA health care facilities and programs to meet the medical, psychological, and social needs of older Veterans, and to evaluate VA programs designated as Geriatric Research, Education, and Clinical Centers.

The meetin will be held September 25, 2020, from 1:00 p.m. to 5:00 p.m., ET. To join the meeting via WebEx, visit <https://tinyurl.com/y3mrq43r> and enter meeting number 199 240 7859 and meeting password VBqNGVZ?362. Join via teleconference by calling 404-397-1596.

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

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Meeting of the Advisory Council on Blood Stem Cell Transplantation  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting scheduled to discuss programs that make blood stem cells from adult donors and cord blood units available for patients who need a transplant to treat life-threatening conditions such as leukemia, and who lack a suitably matched relative who can be the donor.

The meeting will be held September 25, 2020, from 12:00 p.m. to 6:00 p.m., ET, via webinar and conference call. Connection information will be posted at the Agency Site.

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

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Meeting of the President's Council on Sports, Fitness, and Nutrition  
Department of Education (Education)

Notice announcing a meeting scheduled to recommend and discuss actions to expand opportunities at the national, state, and local levels for participation in youth sports and engagement in physical fitness and activity.

The meeting will be held September 17, 2020, from 1:00 p.m. to 5:00 p.m., ET, online. Register to attend at <https://tinyurl.com/yy48p66m>

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

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Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers (P50 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice inviting applications for centers to support transdisciplinary teams of clinical and mental health services researchers, behavioral scientists, social scientists, health information and communications technologists, health systems engineers, decision scientists, and mental health stakeholders (e.g., service users, family members, clinicians, payers) to engage in high-impact studies that will significantly advance clinical practice and generate knowledge that will fuel transformation of mental health care in the United States.

Optional letters of intent are due 30 days prior to the application due date. Applications are due May 17 annually through 2023. Direct costs are limited to \$1.5 million per year.

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

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Ruth L. Kirschstein National Research Service Award Institutional Research Training Grant  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice supporting applications for institutional training grants awarded to eligible institutions to develop or enhance postdoctoral research training opportunities for qualified individuals who are planning to pursue careers in primary care research.

Applications are due November 9, 2020. Approximately \$7.8 million is available for 15 awards.

LINKS: [Grants.gov](#)

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Translational Research in Maternal and Pediatric Pharmacology and Therapeutics (R21 and R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that will perform basic, translational and clinical research to (1) advance the

understanding of underlying mechanisms of drug action; (2) discover and develop novel therapeutics; (3) enhance the usage of existing drugs or drug repurposing for safer and more effective treatment for pregnant women, lactating women, neonates and children.

Optional letters of intent are due 30 days prior to the application due date. Applications are due December 10, 2020, April 9, 2021, August 10, 2021, December 10, 2021, April 11, 2022, August 10, 2022, and December 9, 2022. Program expires December 10, 2022.

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

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Meeting of the Advisory Committee on Blood and Tissue Safety and Availability  
Department of Health and Human Services (HHS)

Notice announcing a public meeting of the Advisory Committee on Blood and Tissue Safety and Availability (ACBTSA) to discuss and vote on recommendations from the work groups to improve the blood community's response to future public health emergencies.

The meeting is September 25, 2020 from 1:00 p.m.-4:00 p.m. ET.

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

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Request for Information (RFI): Testing for Coronavirus Disease 2019 (COVID-19)-Surge Capacity  
Department of Health and Human Services (HHS)

Notice seeking to obtain information regarding the ability of Clinical Laboratory Improvement Amendments (CLIA)-certified/accredited commercial, academic, medical center, and public health laboratories to feasibly provide additional COVID-19 testing capability if supplementary testing instruments were made available.

Comments are due September 21, 2020.

LINKS: [Federal Register](#)

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

CISE Community Research Infrastructure  
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals to support diverse communities of CISE researchers pursuing focused research agendas in computer and information science and engineering. This support involves developing the accompanying user services and engagement needed to attract, nurture, and grow a robust research community that is actively involved in determining directions for the infrastructure as well as management of the infrastructure.

Required letters of intent are due December 15, 2020 and December 14, 2021. Proposals are due January 28, 2021 and Fourth Thursday in January, annually thereafter. Approximately \$25 million is available for 10 to 25 awards.

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

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

Notice seeking applications for grants to support innovative, advanced research of potential benefit to the long-term growth of civil aviation and commercial space transportation in the following topic areas:

1) Capacity and Air Traffic Control Technology; 2) Communications, Navigation, and Surveillance;

3) Aviation Weather; 4) Airports; 5) Aircraft Safety Technology; 6) Human Factors and Aviation Medicine; 7) Systems Science/Operations Research; and 8) Unmanned Aircraft System, Unmanned Traffic Management, Class E Upper Airspace Traffic Management, and Urban Air Mobility.

See the solicitation for a schedule of white paper and full proposal deadlines, occurring multiple times per year, through FY 27. Approximately \$6 million is available per year for multiple awards to support projects lasting from one to five years.

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

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Naval Engineering Education Consortium (NEEC) Broad Agency Announcement for FY20  
Department of Defense (Defense), Naval Surface Warfare Center (NSWC) Indian Head

Notice seeking proposals for research of interest in support of the NEEC.

Proposals are due October 30, 2020. The funded amount and period of performance of each proposal selected for award may vary depending on the research area and the technical approach to be pursued by the offeror selected. Multiple awards are anticipated.

LINKS: [Grants.gov](#)

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Reduction of Entropy for Probabilistic Organization (REPO)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking applications for innovative basic or applied research in the field of artificial intelligence.

Proposals are due October 7, 2020. Multiple awards of up to \$1 million are available.

LINKS: [Contract Opportunities](#)

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Request for Nominations to the Task Force on Agricultural Air Quality Research  
United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

Notice seeking nominations for candidates to serve on a committee that provides recommendations to the Secretary of Agriculture on agricultural air quality issues.

Send nominations to the contact by November 9, 2020.

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

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ECOSynBIO SBIR-STTR  
Department of Energy (Energy), Advanced Research Projects Agency Energy (ARPA-E)

Notice seeking submissions to establish new technologies to significantly improve the carbon efficiency of bioconversion platforms through the accommodation of external reducing equivalents. Proposed systems of interest include, but are not limited to: carbon optimized fermentation strains that avoid CO<sub>2</sub> evolution; engineered mixotrophic consortia or systems that avoid CO<sub>2</sub> evolution; biomass or gas fermentation with internal CO<sub>2</sub> utilization; cell-free carbon optimized biocatalytic biomass conversion and/or CO<sub>2</sub> utilization; and cross-cutting or other proposed carbon optimized bioconversion schemes.

Required concept papers are due October 26, 2020. Approximately \$25 million is available for 10 awards.

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

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Energy and Carbon Optimized Synthesis for the Bioeconomy (ECOSynBio)  
Department of Energy (Energy), Advanced Research Projects Agency Energy (ARPA-E)

Notice seeking submissions to establish new technologies to significantly improve the carbon efficiency of bioconversion platforms through the accommodation of external reducing equivalents. Proposed systems of interest include, but are not limited to: carbon optimized fermentation strains that avoid CO<sub>2</sub> evolution; engineered mixotrophic consortia or systems that avoid CO<sub>2</sub> evolution; biomass or gas fermentation with internal CO<sub>2</sub> utilization; cell-free carbon optimized biocatalytic biomass conversion and/or CO<sub>2</sub> utilization; and cross-cutting or other proposed carbon optimized bioconversion schemes.

Required concept papers are due October 26, 2020. Approximately \$25 million is available for 12 awards.

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

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FY21 Effects of Sea Level Rise (ESLR)  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice soliciting proposals to improve adaptation and planning in response to regional and local effects of sea level rise and coastal inundation through targeted research on key technologies, natural and nature-based infrastructure, physical and biological processes, and model evaluation. The overall goal of the ESLR Program is to facilitate informed adaptation planning and coastal management decisions through a multidisciplinary research program that results in integrated models of dynamic physical and biological processes capable of evaluating vulnerability and resilience under multiple SLR, inundation, and management scenarios.

Required letters of intent are due October 16, 2020. Full proposals are due January 7, 2021. Approximately \$1.2 million is available for eight awards.

LINKS: [Grants.gov](#)

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ROSES 2020: Citizen Science Seed Funding Program  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support scientists and other experts to develop citizen science projects relevant to NASA's Astrophysics, Heliophysics and Planetary Science Research Programs. In addition, proposals relevant to Biological and Physical Sciences will also be considered on a case by case basis.

Requested notices of intent are due October 13, 2020. Proposals are due December 11, 2020. Up to \$720,000 is available to support nine awards.

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

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Committee on Equal Opportunities in Science and Engineering; Notice of Meeting  
National Science Foundation (NSF)

Notice announcing a meeting scheduled to study data, programs, policies, and other information pertinent to the National Science Foundation and to provide advice and recommendations concerning broadening participation in science and engineering.

The meeting will be held October 29, 2020, from 1:00 p.m. to 5:30 p.m., and October 30, 2020, from 10:00 a.m. to 3:30 p.m., ET, online.

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

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Development of NRC's Strategic Plan for Fiscal Years 2022 Through 2026  
NRC (Nuclear Regulatory Commission)

Notice seeking comments on the NRC Fiscal Years 2022-2026 Strategic Plan to provide input on the agency's strategic goals related to nuclear power regulations and research, actions to realize those goals, and how to address key challenges and external factors.

Comments are due October 13, 2020. A public webinar on the Strategic Plan will be held September 22, 2020, from 1:00 p.m. to 4:00 p.m., ET. To attend via webinar go to <https://usnrc.webex.com/usnrc/onstage/g.php?MTID=edb8d9854a356d1c13bfc4f1339244bd1>. To attend via teleconference, call 800-369-1713 and enter passcode 5805934.

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

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Request for Information (RFI): Engaging States to Advance State Energy Office Priorities  
Department of Energy (Energy), Golden Field Office

Notice seeking information from the public on organizations, including industry, academia, nonprofit organizations, and others, that have the expertise to support state energy offices (SEOs); in particular, EERE hopes to receive comments from energy office directors and their senior policy staff that design and implement energy efficiency and renewable energy programs in their respective states. The desired outcome of this request is to enhance how DOE SEP delivers specific technical assistance and provides direct support to help states maximize the affordability, reliability, and resiliency of their state-led energy policies and programs.

Responses are due October 16, 2020.

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