

UNO FOCUS:

NASA EPSCoR Competitive Research Award (CRA)
Louisiana Board of Regents

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 five NASA Mission Directorates (MD) and one or more of the ten NASA field centers, and simultaneously 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 expected to be included in the FY23 NASA EPSCoR CAN NOFO has been distributed to the jurisdictions and that list is on the [LA NASA EPSCoR website](#).

Notices of intent are due on Wednesday, June 20, 2022. Pre-proposals are due on Wednesday, August 31, 2022. The most successful proposals result from a close reading of the preproposal solicitation and significant attention to the many supporting resources posted to the website.

LINKS: [NASA EPSCoR](#)

ARTS, HUMANITIES, and INTERNATIONAL

Arctic Indigenous Cultural Heritage Initiative (AICHI)
Department of State (State), Bureau of Educational and Cultural Affairs (ECA)

Notice seeking proposals to support the protection, preservation, and perpetuation of tangible and intangible cultural heritage within Arctic Indigenous communities.

Applications are due June 15, 2022. The maximum award amount is \$50,000.

LINKS: [Grants.gov](#)

NEA Musical Theater Songwriting Challenge for High School Students
National Endowment for the Arts (NEA)

Notice seeking proposals to provide an opportunity for high school students to create the lyrics and music for an original musical theater song of their own, and participate in mentorship activities with professionals in the field.

Proposals are due July 28, 2022. The maximum award amount is \$160,000.

Limited Submission: An organization may submit only one proposal.

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

U.S. Embassy Santo Domingo - PAS Annual Program Statement
Department of State (State)

Notice seeking proposals for programs that strengthen cultural, educational, professional and scientific ties between the U.S. and Dominican Republic through cultural, professional and exchange programming that highlights shared values and promotes bilateral cooperation.

Applications are due July 31, 2022. The maximum award amount is \$250,000.

LINKS: [Grants.gov](#)

Of the People: Widening the Path: Community Collections Grants to Organizations
Library of Congress (Library of Congress)

Notice seeking proposals for the creation of archival collections, specifically contemporary cultural documentation focusing on the culture and traditions of diverse, often underrepresented communities in the United States.

Applications are due August 1, 2022. An estimated 10 awards with a ceiling of \$50,000 are anticipated.

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Education Research and Special Education Research Grant Programs
Department of Education (Education)

Notice seeking proposals for research to expand knowledge and understanding of: developmental and school readiness outcomes for infants and toddlers with or at risk for a disability; education outcomes for all learners from early childhood education through postsecondary and adult education; and employment and wage outcomes when relevant (such as for those engaged in career and technical, postsecondary, or adult education). Funding is available under the following mechanisms: Special Education Research Assistance; Education Research Training Programs in the Education Sciences Assistance; and Research Training Programs in Special Education Assistance.

Applications are due September 8, 2022. Multiple awards are anticipated.

LINKS: [Federal Register](#)

Federal and State Technology (FAST) Partnership Program
Small Business Administration (SBA), Department of Commerce (Commerce), Office of Investment and Innovation

Notice seeking proposals to strengthen the technological competitiveness of small businesses across the country through coordination and oversight of the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs.

Proposals are due June 27, 2022. Approximately \$1.88 million is available to fund 15 awards. Cost share of 50 percent is required.

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

Higher Education Programs (HEP): Fund for the Improvement of Postsecondary Education (FIPSE): Open Textbooks Pilot Program, Assistance Listing Number (ALN) 84.116T
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking proposals that create new open textbooks (as defined in this notice) and expand the use of open textbooks and course materials in courses that are part of a degree-granting program, particularly those with high enrollments.

Applications are due July 25, 2022. An estimated one to five awards with a ceiling of \$2 million are anticipated.

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

FY23 Brownfields Job Training (JT) Grants
Environmental Protection Agency (EPA)

Notice seeking applications to recruit, train, and place unemployed and under-employed residents of solid and hazardous waste-impacted communities with the skills needed to obtain full-time, sustainable employment.

Applications are due August 2, 2022. Approximately \$12 million is available to fund 25 awards.

LINKS: [Grants.gov](#)

NAWCA 2023 Canada Grants
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to demonstrate how the activities of partners would encourage sustainable and effective programs for the long-term conservation of wetlands-associated migratory birds.

Applications are due August 26, 2022. Approximately \$36 million is available to fund eight awards. Cost sharing is required.

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

HEALTH and MENTAL HEALTH

Reducing Racial and Ethnic Healthcare Disparities in Chronic Conditions by Dissemination and Implementation of Patient Centered Outcomes Research (PCOR) Evidence (R18)
Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking proposals to disseminate and implement patient-centered outcomes research findings into innovative, evidence-based interventions to reduce healthcare disparities in chronic health conditions.

Applications are due June 17, 2022. An estimated six awards with a ceiling of \$500,000 per year are anticipated.

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

Research Opportunity Announcement (ROA): NIH All of Us Engagement, Communications, and Enrollment Partnerships
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for creating a national research resource to inform thousands of studies, covering a wide variety of health conditions. Researchers will use data from the program to learn more about how individual differences in lifestyle, environment, and biological makeup can influence health and disease.

Required white papers are due August 31, 2022 and November 30, 2022. Programs expires May 23, 2025. Funding awards and amounts differ based on Areas of Interest (AOI). Offerors who wish to propose on multiple Areas of Interest must submit one white paper per AOI, in separate emails. Questions are due June 20, 2022.

LINKS: [Contract Opportunities](#)

Resources Access for Preclinical Integrated Drug Development (RAPIDD) Program (X01 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 proposals from investigators to request gap filling preclinical services to academic and private institutions to assist with product development efforts and facilitate the advancement of promising therapeutics for HIV and HIV-associated co-infections (Hepatitis B, Hepatitis C and Tuberculosis).

Applications are due September 1, 2022. Multiple awards are anticipated.

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

Silvio O. Conte Centers for Basic Neuroscience or Translational Mental Health Research (P50 Clinical Trial Optional)

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

Notice seeking proposals to create teams of researchers working at different levels of analysis and employing integrative, novel, and creative experimental approaches to address high-risk, high-impact questions with the primary objectives of: advancing the state of the science in basic brain and behavior research that will uncover and dissect the underlying mechanisms that will ultimately provide the foundation for understanding mental disorders; supporting the integration and translation of basic and clinical neuroscience research on severe mental illnesses; and/or advancing our understanding of the neurobehavioral developmental mechanisms and trajectories of psychopathology that begin in childhood and adolescence.

Applications will be accepted until June 7, 2023. Multiple awards with a ceiling of \$2 million are anticipated.

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

Cooperative Agreement to Support an Evidence-based Clinical Practice Guideline for the Treatment of Obstetrics Pain

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to develop, disseminate, implement, and evaluate an evidence-based Clinical Practice Guideline (CPG) for the management of postoperative pain in obstetric patients who have undergone surgeries, including but not limited to cesarean delivery, vaginal delivery, and appendectomy during pregnancy.

Applications are due August 3, 2022. Approximately \$2 million is available.

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

DoD Melanoma, Idea Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to generate novel research avenues for investigation; therefore, novelty and innovation should be key aspects of the proposed research. Research supported by the Idea Award must introduce a new paradigm, challenge existing paradigms, look at existing problems from new perspectives, or exhibit other highly creative qualities.

Required pre-applications are due July 8, 2022. Approximately \$10.4 million is available to fund 13 awards.

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

DoD Melanoma, Mid-Career Accelerator Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to support independent, mid-career investigators to conduct impactful research in the field of melanoma. The MCAA presents an opportunity for mid-career investigators with prior experience in melanoma research and/or patient care to obtain funding to perform impactful research that will accelerate their career to become leaders in the melanoma research community.

Required pre-applications are due September 14, 2022. Approximately \$4.64 million is available to fund four awards.

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

DoD Melanoma, Team Science Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to bring together investigators from divergent disciplines to achieve innovations and advancements in melanoma research and/or patient care that could not be achieved by any one investigator working independently.

Required pre-applications are due September 14, 2022. Approximately \$9.6 million is available to fund six awards.

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

DOD Parkinson's Early Investigator Research Award
Army (Army), Department of Defense (Defense)

Notice seeking proposals from investigators in the early stages of their careers, under the guidance of one or two designated Mentors, to conduct research relating to Parkinson's Disease.

Required pre-applications are due August 16, 2022. An estimated five awards with a ceiling of \$400,000 are anticipated.

LINKS: [Grants.gov](#)

NHLBI TOPMed: Omics Phenotypes of Heart, Lung, and Blood Disorders (X01 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to generate a large volume of integrated genetic and multi-omics data to facilitate discovery of the molecular mechanisms of Heart, Lung, Blood, and Sleep (HLBS) disorders.

Applications are due October 18, 2022, October 17, 2023, and October 17, 2024. Optional letters of intent are due 30 days prior to the application due date. Ten projects are anticipated.

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

Promoting Equitable Access to Language Services in Health and Human Services
Department of Health and Human Services (HHS), Office of the Assistant Secretary for Health (OASH), Office of Minority Health (OMH)

Notice seeking applications from public and non-profit private entities to be demonstration sites that identify and implement innovative strategies to enhance language access services through: (1) policy development and implementation; (2) technology utilization; (3) education for individuals with limited English proficiency (LEP); and (4) education for providers, including medical support staff.

Applications are due July 15, 2022. Approximately \$3 million is available to fund eight awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Desalination and Water Purification Research Program Pitch to Pilot for Fiscal Year 2022
Department of the Interior (Interior)

Notice seeking proposals to develop innovative and disruptive new technologies or processes to: Reduce the costs, energy requirements, and/or environmental impacts of treating impaired and unusable water to standards necessary for an identified beneficial use; Improve efficiency of water treatment processes—either by improvements to pre-treatment, post-treatment, monitoring, sensors, or other innovative process/technology; Increase effectiveness of reverse osmosis/nanofiltration concentrate management by reducing cost, energy, and/or environmental impacts; Treat brackish groundwater in a less energy-intensive way than current processes and technologies; Address costs, energy usage, and/or environmental impacts of seawater desalination, including intakes and/or outfalls; and Improve the detection, characterization, monitoring, separation, or destruction of per- and polyfluoroalkyl substances and other contaminants of concern.

Applications are due July 12, 2022. An estimated 10 awards with a ceiling of \$200,000 are anticipated.

LINKS: [Grants.gov](#)

ROSES 2022: NASA Innovation Corps Pilot
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD)

Notice seeking proposals to train faculty, students in higher education, post-docs, and other researchers in innovation and entrepreneurship skills. The pilot employs education through virtual courses to guide teams in the process of developing a business model while supporting teams as they explore the commercial potential of their research.

Proposals are due any time until March 29, 2023. 42 awards are anticipated.

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

Advanced Propulsion Experiment (APEX) Proposers Day
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice announcing a proposer's day for the Advanced Propulsion Experiment. The objective of the APEX program is to mature and demonstrate advanced submarine and undersea vehicle propulsion concepts.

The Proposers Day will be held on Wednesday, June 22, 2022, at the DARPA Conference Center from 8:30 a.m. to 1:00 p.m. ET.

LINKS: [Contract Opportunities](#)

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

Notice announcing a meeting of the NASA Planetary Science 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 June 21, 2022 from 12:00 a.m. to 6:00 p.m. ET, and June 22 and 23, 2022 from 10:00 a.m. to 6:00 p.m. ET.

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

Assured Neuro Symbolic Learning and Reasoning (ANSR)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office (I2O)

Notice seeking proposals to advance hybrid AI algorithms, and develop evidence-based techniques that support confident assurance judgments for these algorithms. The program intends to explore diverse hybrid architectures that can be seeded with prior knowledge, acquire both statistical and symbolic knowledge through learning, and adapt learned representations.

Abstracts are due June 13, 2022. Proposals are due July 26, 2022. Multiple awards are anticipated.

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

Enabling Confidence (EC)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals to develop scalable methods to generate accurate statistical models for the outputs of machine learning (ML) systems, to enable enhanced performance when using this information to combine multiple subsystem.

Proposals are due June 30, 2022. The award value for the combined Phase 1 and Phase 2 is limited to \$1 million per proposal. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

FY22 Scale-Up of Integrated Biorefineries and Greenhouse Gas Reduction in First Generation Ethanol Production (Scale-Up+)
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking applications that focuses on developing technologies that convert domestic lignocellulosic biomass (e.g., agricultural residues, forestry residues, dedicated energy crops) and waste resources (e.g., municipal solid wastes, animal manure, biosolids) into affordable low-carbon biofuels and bioproducts that significantly reduce carbon emissions on a life-cycle basis as compared to equivalent petroleum-based products.

Required concept papers are due July 8, 2022. Applications are due September 9, 2022. Cost sharing is required.

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

Joint DMS-NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Science Foundation (NSF), Division of Mathematical Sciences (DMS)

Notice seeking proposals to support fundamental research in mathematics and statistics necessary to answer questions in the biological and biomedical sciences. Both agencies recognize the need to promote research at the interface between mathematical and life sciences.

Proposals are due September 19, 2022 and September 18, annually thereafter. Approximately \$5 million is available to fund 15 to 25 awards.

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

NASA Innovative Advanced Concepts (NIAC) Phase I
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for exciting, unexplored, credible aerospace concepts with at least one mission application that addresses NASA goals or offers wider benefits with space or aeronautics applications. NIAC focuses on early studies of visionary aerospace concepts.

Required Step A proposals are due July 1, 2022. An estimated 12 to 16 awards of up to \$175,000 each is available.

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

Space Technology Research Institutes Appendix
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to strengthen NASA's ties to the academic community through long-term, sustained investment in research and technology development critical to NASA's future.

Required preliminary proposals are due August 3, 2022. Proposals are due November 3, 2022. The maximum annual award amount is \$3 million per year.

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