

## UNO FOCUS:

Louisiana Aerospace Catalyst Experiences for Students (LaAces)  
Louisiana Space Grant Consortium

The Louisiana Aerospace Catalyst Experiences for Students (LaACES) Program runs for a full academic year. During the first semester a series of lectures and hands-on activities help build student skills in basic electronics, sensor interfacing, real-time programming, mechanical development, and project management. The second semester is then devoted to applying these skills to the design, development, fabrication, and flight of a small (~500 gram) balloon payload. Payloads from all student teams are then flown at the end of the academic year under the management of LaSPACE. Independent balloon flights by institutions are not supported under LaACES. Proposed efforts that do not conform to this general model will review poorly. New teams are expected to follow the base protocol payload design laid out in the course materials; advanced payload experiments are the exclusive purview of returning students/advisors.

Submit all properly executed proposals via email as fully searchable pdf documents to [laspace@lsu.edu](mailto:laspace@lsu.edu) by 11:59 pm on Monday, June 20, 2022.

LINKS: [LaSPACE.edu](http://LaSPACE.edu)

## ARTS, HUMANITIES, and INTERNATIONAL

Expanding Economic Opportunities in Algeria  
Department of State (State), Bureau of Near Eastern Affairs (NEA)

Notice seeking proposals that take specific, measurable action to address one or more structural challenges limiting Algeria's economic growth. Examples of possible areas of focus are: employability skills for youth and women; improving the linkage between higher education and employers to address the gap between needed and available skills; access to finance for startups and small businesses; entrepreneurship activities for children or college students that foster critical thinking and an entrepreneurial mindset; or work to improve the overall investment climate.

Applications are due May 31, 2022. Approximately \$1 million is available to fund three to six awards for up to 36 months.

LINKS: [Grants.gov](http://Grants.gov)

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NEA Our Town, FY2023  
National Endowment for the Arts (NEA)

Notice seeking applications to support activities that integrate arts, culture, and design into local efforts that strengthen communities. Our Town projects advance local economic, physical, or social outcomes in communities, ultimately laying the groundwork for systems change and centering equity.

Applications are due August 4, 2022. You must request a grant amount at one of the following levels: \$25,000, \$50,000, \$75,000, \$100,000, or \$150,000. Cost share of 50 percent is required.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

BJA FY 22 Postconviction Testing of DNA Evidence  
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking proposals for funding to assist in defraying the costs associated with postconviction DNA

testing in cases of violent felony offenses (as defined by state law) in which actual innocence might be demonstrated.

Applications are due June 22, 2022 for Grants.gov. Applications are due June 27, 2022 for JustGrants. An estimated 22 awards with a ceiling of \$500,000 are anticipated.

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

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BJA FY 22 Strengthening the Medical Examiner-Coroner System Program  
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking proposals to strengthen the medical examiner-coroner system in the United States through either forensic pathology fellowships or by providing resources necessary for medical examiner and coroner offices to achieve and maintain accreditation.

Applications are due June 22, 2022 for Grants.gov. Applications are due June 28, 2022. An estimated seven fellowships of up to \$150,000 and ten accreditation grants of up to \$100,000 are anticipated.

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

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FY 22 DNA Capacity Enhancement for Backlog Reduction (CEBR) Program (Formula)  
Department of Justice (Justice)

Notice seeking applications to provides funding to states and units of local government with existing crime laboratories that conduct DNA analysis to increase the capacity of publicly funded forensic DNA and DNA database laboratories to process more DNA samples for entry into the Combined DNA Index System (CODIS), thereby helping to reduce the number of forensic DNA and DNA database samples awaiting analysis and/or prevent a backlog of forensic and database DNA samples.

Applications are due July 7, 2022 for Grants.gov. Applications are due July 12, 2022 for JustGrants. An estimated 140 awards of up to \$3 million each is available.

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

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Refugee Career Pathways Program  
Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Refugee Resettlement (ORR)

Notice seeking applications to provide funding to enable Afghan entrants to obtain self-sufficiency by obtaining the means to secure professional or skilled employment drawing upon previously acquired knowledge, skills, and experience. Under the RCP program, the primary focus is to assist participants in learning about career pathways and developing individualized plans to gain employment and advance within their chosen career field.

Applications are due July 1, 2022. Approximately \$15 million is available to fund 20 awards.

LINKS: [Grants.gov](#)

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Supplemental and Alternative Crops  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to supports projects that lead to expanded adaptation and increased acreage in the United States (U.S.) of canola grown for oil and industrial hemp grown for value added products. Such crops are important to U.S. agriculture in that these can provide new and profitable cropping options in response to low commodity prices and changes in consumer demand for new agricultural-based products.

Applications are due June 29, 2022. Requested notices of intent are due June 7, 2022. Approximately \$938,000 is available to fund five awards.

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

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Tribal Colleges Research Grants Program  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications that focuses on development of leadership skills, knowledge, and qualities that are necessary to prepare students to be globally competitive with other students for agricultural and related careers in the private sector, government, and academia.

Applications are due July 13, 2022. Approximately \$3.8 million is available to fund 20 awards. Opportunities exist for colleges and universities to partner.

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

## HEALTH and MENTAL HEALTH

Clinical Trial Readiness for Rare Neurological and Neuromuscular Diseases (U01 Clinical Trial Not Allowed)

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

Notice seeking applications for support of clinical studies that address critical needs for clinical trial readiness in rare neurological and neuromuscular diseases. These studies should result in clinically validated biomarkers and clinical outcome assessment measures appropriate for use in upcoming clinical trials.

Applications are due August 18, 2022, February 17, 2023, August 17, 2023, February 20, 2024, August 19, 2024, and February 19, 2025. Optional letters of intent are due 30 days prior to the application due date.

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

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NIH Directors Transformative Research Awards (R01 Clinical Trial Optional)

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

Notice seeking proposals from individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original, and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies.

Applications are due September 1, 2022. Approximately \$8 million is available to fund seven awards.

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

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Research to Understand and Address the Survivorship Needs of Individuals Living with Advanced Cancer (R01 Clinical Trial Optional)

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

Notice seeking proposals that aim to understand and address the survivorship needs of individuals living with likely incurable cancers.

Applications are due September 30, 2022. An estimated ten awards with a ceiling of \$500,000 per year are anticipated.

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

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DoD Hearing Restoration Focused Research Award  
Army (Army), Department of Defense (Defense)

Notice seeking proposals for research that accelerates drug discovery and therapeutic development for hearing restoration after military-relevant auditory system injury or accelerates advances in diagnosis of auditory dysfunction in austere environments.

Required pre-applications are due July 22, 2022. Multiple awards with a ceiling of \$250,000 are anticipated.

LINKS: [Grants.gov](#)

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DoD Lupus, Impact Award  
Army (Army), Department of Defense (Defense)

Notice seeking proposals from a full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which, if successfully addressed, have the potential to make a major impact in lupus research and/or lupus disease.

Required pre-applications are due August 16, 2022. An estimated seven awards with a ceiling of \$750,000 are anticipated.

LINKS: [Grants.gov](#)

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Expanding Prevention Strategies for Mental Disorders in Mobile Populations in Humanitarian Crises (R34 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 improve the mental health of mobile populations, such as refugees, internally displaced persons, and migrants through improved diagnosis, prevention, and treatment approaches.

Applications are due October 25, 2022. An estimated five to six awards with a ceiling of \$450,000 are anticipated.

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

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NINDS Interdisciplinary Team Science Grant (RM1 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 applications to support integrated efforts of three or more (up to six) PDs/PIs to pursue bold, impactful, and challenging research in any area within the scope of the NINDS mission. The research approach should be interdisciplinary in nature, and the research teams are expected to establish a common goal that requires collaboration, synergy, and managed team interactions.

Applications are due October 7, 2022, October 11, 2023, and October 8, 2024. Optional letters of intent are due 30 days before the application due date. Approximately \$10 million is available to fund four to six awards.

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

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Stimulants and HIV: Addressing Contemporary and Recurring Epidemics (R61-R33 - Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to support research to improve HIV prevention and care outcomes among people who use stimulants, encompassing a range of stimulant use (from episodic to persistent, methamphetamine and cocaine derivatives), including stimulant use co-occurring with the use of opioids and/or other drugs. Applications responding to this FOA should: (1) implement evidence-based approaches that address the intersection of stimulant use and HIV or (2) develop and test new intervention approaches that can reduce stimulant use, particularly among episodic users, while also reducing HIV risk and/or improving HIV care outcomes.

AIDS applications are due November 10, 2022, November 9, 2023, and November 12, 2024. Optional letters of intent are due 30 days prior to the application due date. Approximately \$3 million is available to fund up to four awards.

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

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Stroke Preclinical Assessment Network (SPAN) to Support Translational Studies for Acute Cerebroprotection- Interventions (U01 Clinical Trial Not Allowed)

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

Notice seeking applications for research projects to test promising cerebrovascular interventions in the NINDS Stroke Preclinical Assessment Network (SPAN). SPAN will facilitate the testing of up to 8 promising cerebroprotective drugs or interventions to be given prior to or at the time of reperfusion in experimental models of ischemic stroke (e.g., transient middle cerebral artery occlusion, tMCAo).

Applications are due July 28, 2022. Optional letters of intent are due 30 days prior to the application due date. Up to \$1.2 million is available to fund eight awards.

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

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Cornerstone Proposers Day

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Biological Technologies Office (BTO)

Notice announcing a proposer's day for the Cornerstone Program. The goal of the Cornerstone Program is to develop an Integrated Countermeasure (i.e., countermeasure and delivery system) that, when administered prophylactically, protects against behavioral and cognitive injury in the context of blast- or impact-induced TBI. Integrated Countermeasures would do this by preventing the initiation of harmful signaling cascades through spatially and temporally relevant countermeasure delivery.

The meeting will be a webcast on June 7, 2022 from 8:00 a.m. to 12:30 p.m. ET. Advance registration is required. Registration are due June 1, 2022.

LINKS: [Contract Opportunities](#)

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Centers for Chemical Innovation  
National Science Foundation (NSF)

Notice seeking proposals to support research centers focused on major, long-term fundamental chemical research challenges. CCIs that address these challenges will produce transformative research, lead to innovation, and attract broad scientific and public interest. CCIs are agile structures that can respond rapidly to emerging opportunities through enhanced collaborations.

Required preliminary proposals are due August 10, 2022. Approximately \$9.4 million is available.

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

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#### Middle Mile Grant Program

Department of Commerce (Commerce), National Telecommunications and Information Administration (NTIA)

Notice seeking applications to expand and extend middle mile infrastructure to reduce the cost of connecting areas that are unserved or underserved to the internet backbone.

Applications are due September 30, 2022. The maximum award amount is \$100 million. 70 percent cost share is required.

LINKS: [Grants.gov](#)

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#### Sedimentary Geology and Paleobiology National Science Foundation (NSF)

Notice seeking proposals to support innovative research that advances understanding of the deep-time sedimentary crust and investigates environmental change and evolution of the biosphere through the pre-Holocene geologic record.

Proposals are accepted anytime. Approximately \$10.4 million is available to fund 20 to 30 awards.

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

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#### Committee on Equal Opportunities in Science and Engineering National Science Foundation (NSF)

Notice announcing a meeting of the Committee on Equal Opportunities in Science and Engineering. The purpose of the meeting is 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 June 16, 2022; 1:00 p.m.-5:30 p.m., June 17, 2022; 11:00 a.m.-4:00 p.m. at National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314 (Virtual).

LINKS: [Federal Register](#)

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#### Fiscal Year (FY) 2023 DoD Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU MI) Department of Defense (Defense)

Notice seeking proposals to: enhance research programs and capabilities in scientific and engineering disciplines critical to the national security functions of DoD; enhance the capacity of HBCU/MI to participate in DoD research programs and activities; and increase the number of graduates, including underrepresented minorities, in fields of science, technology, engineering, and mathematics important to the defense mission.

Applications are due August 12, 2022. Multiple awards of up to \$800,000 are anticipated.

LINKS: [Grants.gov](https://www.grants.gov)

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Foundational Agrivoltaic Research for Megawatt Scale (FARMS)  
Department of Energy (Energy)

Notice seeking proposals that accelerate the large-scale development and deployment of solar technology to support an equitable transition to a decarbonized electricity system by 2035 and decarbonized energy sector by 2050.

Required letters of intent are due June 1, 2022. An estimated six awards with a ceiling of \$2 million are anticipated.

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

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H6  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals to develop ultra-small, low-power, fieldable clocks that can maintain their timing precision for one week.

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

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

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Hidden ActiviY Signal and Trajectory Anomaly Characterization (HAYSTAC) BAA  
Intelligence Advanced Research Projects Activity (IARPA), Director of National Intelligence (DNI),  
Department of the Interior (Interior)

Notice seeking proposals to develop novel capabilities that produce large-scale microsimulations of fine-grained human movement and automated systems capable of both identifying abnormal movement trajectories and generating normal ones. Technical approaches will characterize what makes a given activity detectable within the expanding volumes of available human movement data, establishing the scientific foundation connecting data, movement, and the expectation of privacy.

Proposals are due July 1, 2022. Questions are due May 30, 2022. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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NSF Regional Innovation Engines Broad Agency Announcement  
National Science Foundation (NSF)

Notice seeking proposals for a bold new initiative, committed to creating regional-scale, technology-driven innovation ecosystems throughout every region of the United States, accelerating emerging technologies, driving economic growth, addressing key societal challenges, and maintaining national competitiveness. Type-1 awards are development awards intended to enable awardees to lay the groundwork for submitting a successful Type-2 proposal to launch a full-scale NSF Engine. Type-2 awards are for regions and proposing teams that are prepared to launch an NSF Engine by the expected award date.

Required Type-1 and Type-2 Concept Outlines are due June 30, 2022. Required Type-1 letters of intent are due August 31, 2022. An estimated 50 Type-1 awards and 5 Type-2 awards are anticipated.

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

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ROSES 2022: Interdisciplinary Consortia for Astrobiology Research  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for the study of the origins, evolution, and distribution of life in the Universe. It is central to NASA's continued exploration of our Solar System and beyond. Research is centered on the origin and early evolution of life, the potential of life to adapt to different environments, and the implications for life elsewhere.

Required Step-1 proposals are due September 15, 2022. Step-2 proposals are due January 10, 2023. Approximately \$10 million is available to fund 10 to 14 awards.

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

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ROSES 2022: Martian Moons eXploration mission Participating Scientist Program  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to constrain the origin of the Martian moons, to advance understanding of planetary system formation and of primordial material transport between the inner and the outer early Solar System, and to observe processes affecting the evolution of the Mars system. A central objective is to ascertain whether the moons are captured asteroids or the products of a giant impact.

Required notice of intent are due June 16, 2022. Proposals are due August 16, 2022. Approximately \$250,000 is available to fund six to eight awards.

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

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ROSES 2022: Space Weather Centers of Excellence  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals supporting multi-institution, multi-/inter-/trans-disciplinary collaborations (hereinafter Centers) that address grand challenge goals of space weather, and which are ambitious in scope and transformative in nature. This program is intended to support research that cannot be effectively done by individual investigators or small teams, instead requiring the synergistic, coordinated efforts of a research center.

Required Step-1 proposals are due June 21, 2022. Step-2 proposals are due August 25, 2022. Approximately \$4 million is available.

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

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

Notice announcing a proposer's day to provide information to potential proposers on the objectives of the anticipated Assured Neuro Symbolic Learning and Reasoning (ANSR). The ANSR program seeks breakthrough innovations in the form of new hybrid Artificial Intelligence (AI) algorithms that deeply integrate symbolic reasoning with data-driven learning to create robust, assured, and therefore trustworthy systems.

The meeting will be held virtually on June 1, 2022, from 10:00 a.m. to 1:00 p.m. (ET) via Zoom. Registrations are due by May 26, 2022 at <https://creative.gryphontechnologies.com/darpa/i2o/ansr/pd/>

LINKS: [Contract Opportunities](#)