UNO Office of Research
Funding Opportunities

May 8, 2023

UNO FOCUS:

Louisiana Materials Design Alliance (LAMDA)
NSF EPSCoR RII Track-1

The Louisiana Materials Design Alliance (LAMDA), an NSF EPSCoR RII Track-1 project, solicits proposals for the following LAMDA Seed Funding awards to support research projects relevant to LAMDA’s research themes. LAMDA’s research program represents a convergence of machine learning (ML), experimental and computational materials science and engineering (MS&E), and additive manufacturing (AM).

**Track 1A: Single Investigator Award**
View the RFP and apply at: https://laepscor.piestar-rfx.com/opportunities.

**Track 1B: Collaborative Partnership Award**
View the RFP and apply at: https://laepscor.piestar-rfx.com/opportunities.

**Track 1C: Postdoctoral Research Award**
View the RFP and apply at: https://laepscor.piestar-rfx.com/opportunities.

**Track 2: Industrial Collaborations**
View the RFP and apply at: https://laepscor.piestar-rfx.com/opportunities.

**Track 4: STEM Outreach**
View the RFP and apply at: https://laepscor.piestar-rfx.com/opportunities.


LINKS: EPSCoR

---

**Supervised Undergraduate Research Experience (SURE)**
Louisiana EPSCoR

The Louisiana EPSCoR Supervised Undergraduate Research Experiences (SURE) program seeks proposals for undergraduate supervised research under the mentorship of a faculty member in areas directly related to materials and advanced manufacturing themes. Student Eligibility: Must be a full-time undergraduate student in an LAICU institution in Louisiana, and female or an underrepresented minority of any gender.


LINKS: EPSCoR

---

**LINKs with Industry, Research Centers, and National Labs (LINK)**
Louisiana EPSCoR

Louisiana EPSCoR solicits proposals to facilitate science and engineering (S&E) research, education and training opportunities for faculty, post-doctoral researchers, and graduate and undergraduate students. Please note there have been some changes to the LINK program such as increasing the timeframe for the length of the visit and an increase in the amount provided for subsistence.
This is an open deadline program, meaning proposals can be submitted at any time until June 30, 2024. It is dependent on the availability of funds. View the RFP and apply at https://laepscor.piestar-rfx.com/opportunities.

LINKS: EPSCoR

Graduate Interjurisdictional Research Award Fellowship (GIRAF) for Graduate Research Louisiana Space Grant (LaSPACE) & Louisiana Sea Grant (LSG)

The GIRAF Program provides financial support for up to two graduate students working with faculty mentors on research projects aligned with both NASA/Space Grant’s and NOAA/Sea Grant’s missions. The fellowship requires the use of data from vast archives and remote-sensing capabilities available through the National Aeronautics and Space Agency (NASA) and the National Oceanic and Atmospheric Administration (NOAA) to address a high-priority research need within Louisiana’s nearshore environs, coastal areas, wetlands, watersheds, and/or human activities in these areas (e.g. aquaculture).

Proposals must be co-written by the Faculty Mentor and graduate student. Awards are for $10,000 for a 12-month period with no match requirement. Apply online at: eSeaGrant by 11:59 p.m. CT Friday, June 23, 2023.

LINKS: LaSPACE

Advanced Air Vehicles Program (AAVP) Fellowship Opportunities Pre-Proposal Webinar National Aeronautics and Space Administration (NASA)

The AAVP Funding Opportunities announcement solicits proposals from accredited U.S. institutions for research training grants to begin the academic year. This Notice of Funding Opportunities (NOFO) is designed to support independently-conceived research projects by highly qualified graduate students, in disciplines needed to help advance NASA’s mission, thus affording these students the opportunity to directly contribute to advancements in STEM-related areas of study. AAVP Fellowship Opportunities are focused on innovation and the generation of measurable research results that contribute to NASA’s current and future science and technology goals.

The first of two pre-proposal teleconferences for the AAVP Fellowship Opportunities will be held Monday, May 8, 2023 from 2:00-3:00 PM ET. Registration for the Pre-proposal Webinar is required. Once you provide the registration information, a link to connect to the session will be sent to your email address. Click here to register.

LINKS: Register, NSPIRES

ARTS, HUMANITIES, and INTERNATIONAL

BOLD Academic Fellowships Program Department of State (State)

Notice seeking proposals to design and implement the following: civic engagement, economic development or both.

Applications are due June 16, 2023. The maximum award amount is $250,000.

Limited Submission: Applicants may submit only one proposal to one of the options.

LINKS: Grants.gov
EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

BJA FY 23 Field Initiated: Encouraging Innovation
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking proposals for new and innovative strategies for preventing and reducing crime, improving community safety, and strengthening criminal justice system outcomes by promoting collaborations with the field to identify, define, and respond to emerging or chronic crime problems or justice system challenges.

Applications are due June 8, 2023. An estimated ten awards with a ceiling of $1 million are anticipated.

LINKS: Grants.gov, Solicitation

Effective Educator Development Programs: American History and Civics Education National Activities (AHC-NA) Program, Assistance Listing Number 84.422B
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to promote new and existing evidence-based strategies to encourage innovative American history, civics and government, and geography instruction, learning strategies, and professional development activities and programs for teachers, principals, or other school leaders, particularly such instruction, strategies, activities, and programs that benefit students from low-income backgrounds and other underserved populations.

Applications are due July 12, 2023. Encouraged notices of intent are due May 30, 2023. Estimated $18.98 million is available to fund 25 to 30 awards.

LINKS: Grants.gov, Federal Register

Effective Educator Development Programs: American History and Civics Education: Presidential and Congressional Academies for American History and Civics Program, Assistance Listing Number (ALN) 84.422A
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to support the establishment of (1) Presidential Academies for the Teaching of American History and Civics that offer workshops for both veteran and new teachers to strengthen their knowledge of American history, civics, and government education (Presidential Academies); and (2) Congressional Academies for Students of American History and Civics that provide high school students opportunities to enrich their understanding of these subjects (Congressional Academies).

Applications are due July 12, 2023. Encouraged notices of intent are due May 30, 2023. Estimated $2.98 million is available to fund three to five awards.

LINKS: Grants.gov, Federal Register

Agriculture and Food Research Initiative Competitive Grants Program Education and Workforce Development
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking proposals developing the next generation of research, education, and extension professionals in the food and agricultural sciences in one of several training, professional development, and capacity building mechanisms.

Applications are due December 7, 2023. Multiple awards of all types are available, with amounts determined by mechanism.

LINKS: Grants.gov, Solicitation
**OVW Fiscal Year 2023 Research and Evaluation Initiative Solicitation**
Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking applications to research and evaluate approaches to combatting domestic violence, dating violence, sexual assault, and stalking (hereafter referred to as “VAWA crimes”).

Applications are due June 29, 2023 for Grants.gov. Applications are due July 5, 2023 for JustGrants. Estimated $4.9 million is available to fund 11 awards.

**LINKS:** Grants.gov, Solicitation

**Volunteer Income Tax Assistance (VITA) Matching Grant**
Department of the Treasury (Treasury)

Notice seeking applications to offer grants to partner organizations providing free federal tax return preparation to targeted groups of taxpayers. They include low- to moderate-income taxpayers, persons with disabilities, persons with limited English proficiency, Native Americans, individuals living in rural areas, military families, and the elderly.

Applications are due May 31, 2023. Estimated $40 million is available to fund 300 awards. Cost sharing is required.

**LINKS:** Grants.gov

---

**HEALTH and MENTAL HEALTH**

**DoD Traumatic Brain Injury and Psychological Health, Clinical Trial Award**
Army (Army), Department of Defense (Defense)

Notice seeking proposals for the rapid implementation of clinical trials with the potential to have a significant impact on psychological health conditions and/or Traumatic Brain Injury through clinical applications, including health care products, technologies, and/or practice guidelines.

Required pre-applications are due June 15, 2023. Estimated $76 million is available to fund 29 awards.

**LINKS:** Grants.gov, Agency Site

**DoD Traumatic Brain Injury and Psychological Health, Health Services Research Award**
Army (Army), Department of Defense (Defense)

Notice seeking proposals to bridge the gap between research, practice, and policy by building a knowledge base on how interventions, clinical practices/guidelines, tools, and policies can be deployed to targeted populations at the appropriate time at the point of need for Traumatic Brain Injury and Psychological Health.

Required pre-applications are due June 8, 2023. Estimated $18.6 million is available to fund eight awards.

**LINKS:** Grants.gov, Agency Site

**DoD Traumatic Brain Injury and Psychological Health, Investigator-Initiated Research Award**
Army (Army), Department of Defense (Defense)

Notice seeking proposals for studies that will make an important contribution toward understanding, preventing, assessing, and treating psychological health conditions and/or Traumatic Brain Injury.
Required pre-applications are due June 8, 2023. Estimated $10.9 million is available to fund 14 awards.

LINKS: Grants.gov, Agency Site

DoD Traumatic Brain Injury and Psychological Health, Translational Research Award
Army (Army), Department of Defense (Defense)

Notice seeking proposals for translational research that will accelerate the movement of promising ideas in psychological health conditions and/or Traumatic Brain Injury research into clinical applications, including health care products, technologies, and/or clinical practice guidelines.

Required pre-applications are due June 8, 2023. Estimated $24.8 million is anticipated to fund 16 awards.

LINKS: Grants.gov, Agency Site

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

Notice seeking proposals from Parkinson's investigators in the early stages of their careers, under the guidance of one or two designated Mentor(s).

Required pre-applications are due July 27, 2023. Estimated $2.5 million is available to fund five awards.

LINKS: Grants.gov

Preventing Youth Overdose: Treatment, Recovery, Education, Awareness and Training
Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice seeking applications to improve local awareness among youth of risks associated with fentanyl, increase access to medications for opioid use disorder (MOUD) for adolescents and young adults screened for and diagnosed with opioid use disorder (OUD), and train healthcare providers, families, and school personnel on best practices for supporting children, adolescents, and young adults with OUD and those taking MOUD.

Applications are due June 27, 2023. Estimated $1.9 million is available to fund four awards.

LINKS: Grants.gov, Solicitation

Research on Bioethical Issues Related to Bionic and Robotic Device Development and Translation (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Notice seeking applications that propose research on ethical questions associated with all stages of the design, testing, and/or implementation of bionic and robotic devices.

Applications are due January 26, 2024. Estimated $2 million is available to fund four to five awards.

LINKS: Grants.gov, Solicitation

Strengthening Aging Services for Minority Populations Through Technical Assistance, Resource Development, and Program Coordination
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking proposals to: Develop and disseminate training and technical assistance to strengthen the national capacity to address the multi-faceted needs of a diverse older adult population in areas such as (but not limited to) economic security, access to services, housing needs, self-advocacy, family and caregiver supports, and trauma informed approaches; and/or Develop, test and disseminate approaches that aging and human services network agencies can employ to more successfully work one-on-one with diverse older adults, their families, and family caregivers.

Applications are due June 26, 2023. Estimated six awards with a ceiling of $210,032 are anticipated.

LINKS: Grants.gov, Solicitation

AHRQ Health Services Research Dissertation Program (R36)
Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking applications that represents the continuation of an AHRQ program that provides support to individuals who are conducting research undertaken as part of an accredited academic program to qualify for a research doctorate degree.

Applications are due August 1, 2023 and February 1, May 1, August 1, and November 1 annually.

LINKS: Grants.gov, Solicitation

Center without Walls for PET Ligand Development for Alzheimer’s disease-related dementias (ADRDs) (U19 - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications from multidisciplinary teams dedicated to the development of PET radioligands capable of labeling pathology associated with Alzheimer’s disease-related dementias (ADRDs). Each CWOW must propose to fully develop at least two ADRD-related PET ligands by conducting all necessary in vitro and in vivo studies from medicinal chemistry through and including IND-approved human research in the relevant patient populations.

Applications are due September 26, 2023. Estimated $10 million is available.

LINKS: Grants.gov, Solicitation

DoD Breast Cancer, Breakthrough Award Levels 1 and 2
Army (Army), Department of Defense (Defense)

Notice seeking proposals for promising research that has high potential to lead to or make breakthroughs in breast cancer.

Required pre-applications are due July 25, 2023. Estimated $10.3 million is available to fund up to seven awards.

LINKS: Grants.gov, Agency Site

Emergency Award: Novel Insights through Cross-Site Analyses of Existing RADx-UP Data (R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for analyses of existing RADx-UP data by proposing novel questions related to SARS-CoV-2 testing and health disparities.
Applications are due July 3, 2023. Estimated $2.8 million is available to fund four to seven awards.

LINKS: Grants.gov, Solicitation

NEI Center Core Grant for Vision Research (P30 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Eye Institute (NEI)

Notice seeking applications designed to enhance an institution's environment and capability to conduct vision research and to facilitate collaborative studies of the visual system and its disorders and promote new research within the NEI mission and Strategic Plan.

Applications are due September 30, 2023 and September 30, annually thereafter.

LINKS: Grants.gov, Solicitation

NINDS Sustainable Transformation of Institutional Research Rigor (STIRR) Program (RC2 - 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 proposals for the establishment of programs to enhance research rigor and transparency practices within academic and research institutions to promote a culture of high-quality neuroscience research.

Applications are due October 17, 2023. Estimated $3.5 million is available to fund up to five awards.

LINKS: Grants.gov, Solicitation

Tobacco Regulatory Science (R01 Clinical Trial Optional)
Food and Drug Administration (FDA), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP).

Applications are due October 6, 2023. Estimated $4 million is available to fund six awards.

LINKS: Grants.gov, Solicitation

Translating Socioenvironmental Influences on Neurocognitive Development and Addiction Risk (TranSINDA) (R34 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking proposals of limited scope proposing a set of planning activities that will lay the groundwork for a scientific project aiming to use animal models and longitudinal research designs to elucidate mechanisms mediating the impact of the early-life social environment on neurobehavioral development and the emergence of SUD risk-relevant behaviors.

Applications are due November 9, 2023. Estimated $2.5 million is available to fund up to eight awards.
SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2023 Department of Energy Office of Environmental Management (DOE-EM) Minority Serving Institutions Partnership Program (MSIPP) Department of Energy (Energy)

Notice seeking proposals from minority-serving institutions to continue the safe cleanup of the environmental legacy brought about from decades of nuclear weapons development and government-sponsored nuclear energy research.

Required concept papers are due May 30, 2023. Multiple awards with a ceiling of $5 million are anticipated.

LINKS: Grants.gov

Broad Agency Announcement for DoD Lock Program Department of Defense (Defense)

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

Required pre-proposals are due May 29, 2023 with the table topic number and research need offerors are responding to. Pre-proposals are submitted via email to: michael.d.kwast.civ@us.navy.mil and lynsey.d.reese.civ@us.navy.mil. Awards will be made in the form of contracts.

LINKS: Contract Opportunities

Cryogenically Enabled Electronics Technologies Department of Defense (Defense), Office of Naval Research (ONR)

Notice seeking proposals for discovery and invention funding, for proof of concept, development, and demonstration of individual performance-optimized component technologies, and proof of concept and demonstration of new system architectures relevant to the next generation of universal, wide-band RF receivers.

Proposals are due August 9, 2023. White papers are strongly encouraged and due June 5, 2023. Estimated $4 million per year is available.

LINKS: Contract Opportunities

ROSES 2023: Living with a Star Science National Aeronautics and Space Administration (NASA)

Notice seeking proposals to provide advances in scientific understanding of the Sun-Earth system that can lead to predictive capability of the space environment conditions at Earth, other planetary systems, and in the interplanetary medium.

Applications are due August 15, 2023. An estimated 15 awards with a ceiling of $250,000.

LINKS: Grants.gov, Solicitation

Notice seeking proposals driving the innovation that can lead to the deployment of clean energy technologies, specifically small Concentrating Solar Power and Photovoltaic research projects.

Applications are due June 1, 2023. An estimated 24 awards with a ceiling of $400,000 are anticipated.

LINKS: Grants.gov

White-nose Syndrome Research and Conservation Grants - 2023
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking proposals for research and conservation action to support the management of white-nose syndrome (WNS) and susceptible bat species. Cost-sharing is required.

Applications are due June 30, 2023. An estimated seven awards with a ceiling of $250,000 are anticipated.

LINKS: Grants.gov

President's Council of Advisors on Science and Technology
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 provide advice and recommendations concerning a wide range of issues where understanding of science, technology, and innovation may bear on the policy choices before the President.

The meeting will be held on May 18, 2023; 9:40 a.m. to 11:30 a.m. PT and May 19, 2023; 9:10 a.m. to 12:25 p.m. PT.

LINKS: Federal Register, Agency Site

Visiting Committee on Advanced Technology
National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice announcing a meeting of the Visiting Committee on Advanced Technology. The purpose of the meeting is to review and make recommendations regarding general policy for NIST, its organization, its budget, and its programs within the framework of applicable national policies as set forth by the President and the Congress. The agenda will include an update on major programs at NIST.

The meeting will be held on Tuesday, June 13, 2023, from 8:30 a.m. to 5:00 p.m. ET at the National Cybersecurity Center of Excellence, 9700 Great Seneca Highway, Rockville, Maryland, 20850 with an option to participate via webinar.

LINKS: Federal Register

Developing a Roadmap for the Directorate for Technology, Innovation, and Partnerships
National Science Foundation (NSF)

Notice requesting information for the development of a roadmap for its newly-established Technology, Innovation, and Partnerships (TIP) Directorate, in accordance with the CHIPS and Science Act of 2022.
Comments are due July 27, 2023 by email (TIPRoadmap-RFI@nsf.gov) or mail. Submissions should include “RFI Response: Roadmap for TIP” in the subject line of the message.

LINKS: Federal Register

Air Force Fiscal Year 2024 Young Investigator Program (YIP)  
Department of Defense (Defense), Air Force Office of Scientific Research (AFOSR)

Notice seeking proposals to foster creative basic research in science and engineering; enhance early career development of outstanding young investigators; and increase opportunities for the young investigator to recognize the Air Force mission and related challenges in science and engineering.

Required white papers are due June 12, 2023. Proposals are due August 14, 2023.

LINKS: Grants.gov, Agency Site

Conservation Science and Innovation in the Southeast  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to address advancement of specific Department of the Interior, national and regional conservation priorities through projects that support the development and use of targeted science to support delivery of conservation actions.

Applications are due June 30, 2023. Estimated $500,000 is available to fund 10 awards.

LINKS: Grants.gov

Early Stage Innovations (ESI)  
National Aeronautics and Space Administration (NASA), Space Technology Mission Directorate (STMD)

Notice seeking proposals to examine the theoretical feasibility of new ideas and approaches that are critical to making science, space travel, and exploration more effective, affordable, and sustainable.

Proposals are due July 6, 2023. Notices of intent are encouraged and due June 7, 2023. Estimated six awards with a maximum of $650,000 per award is available.

LINKS: Contract Opportunities, Solicitation

Research Training Groups in the Mathematical Sciences  
National Science Foundation (NSF)

Notice seeking proposals to strengthen the nation’s scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences, be they in academia, government, or industry. The RTG program supports efforts to improve research training by involving undergraduate students, graduate students, postdoctoral associates, and faculty members in structured research groups pursuing coherent research programs.

Proposals are due August 8, 2023 and Second Tuesday in August, annually thereafter. Estimated $12 million is available to fund 3 to 10 awards.

LINKS: Grants.gov, Solicitation

ROSES 2023: A.60 Global Ecosystem Dynamics Investigation Science Team  
National Aeronautics and Space Administration (NASA)
Notice seeking proposals for studies that use past and future GEDI data to address scientific questions in terrestrial ecology, carbon cycle science, biodiversity, and interactions of the biosphere with the atmosphere and hydrosphere.

Applications are due August 24, 2023. Estimated $2.5 million is available to fund 15 to 17 awards.

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

United States Army Research Institute for the Behavioral and Social Sciences (ARI) BAA for Basic, Applied, and Advanced Scientific Research

Department of Defense (Defense)

Notice seeking proposals for the conduct of research, development, and analyses for Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, and Soldier and leader development issues.

Proposals are any time until April 30, 2028. Award amounts vary.

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

University Student Research Challenge (USRC)

National Aeronautics and Space Administration (NASA)

Notice seeking proposals from students to propose new ideas/concepts that are relevant to NASA Aeronautics. $2000 cost-sharing is required.

The next due date for applications is June 22, 2023. Multiple awards of approximately $80,000 are anticipated.

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

Astronomy and Astrophysics Advisory Committee

National Science Foundation (NSF)

Notice announcing a meeting of the Astronomy and Astrophysics Advisory Committee. The purpose of the meeting is to provide advice and recommendations to the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy (DOE) on issues within the field of astronomy and astrophysics that are of mutual interest and concern to the agencies.

The meeting will be held June 1, 2023; 9:30 a.m.–3:30 p.m. at the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA (Zoom Videoconference).

LINKS: [Federal Register](#)

High Operational Temperature Sensors (HOTS) Proposers Day

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice announcing a proposers’ day for High Operational Temperature Sensors. The objective of the HOTS program is to develop sensor microelectronics consisting of transducers, signal-conditioning microelectronics, and integration that operate with high bandwidth (>1 MHz) and dynamic range (>90 dB) at extreme temperatures (i.e., at least 800 °C).
The proposer’s day will be held on May 31, 2023 at the Booz Allen Hamilton Auditorium located at 8283 Greensboro Drive, McLean, VA from 8:00 am to 12:00 pm. Registrations are due May 22, 2023. There will be no on-site registration.

LINKS: Contract Opportunities