

## UNO FOCUS:

LaSPACE Research Enhancement Awards (REA) Program  
Louisiana Space Grant Consortium

The LaSPACE Research Enhancement Awards (REA) Program is intended to provide support for faculty (and students) at LaSPACE member institutions, particularly aimed at the emerging researcher or an established researcher who wishes to pursue new research directions, for the development of projects, contacts, and collaborations that will bring Louisiana scientists into the mainstream of NASA related research activity, thereby increasing their chances to successfully compete in the aerospace R&D marketplace. As with all LaSPACE Programs, minority participation is strongly encouraged.

Only tenure-track or research faculty at the level of Assistant Professor or higher affiliated with LaSPACE campuses are eligible to apply. In cases where support is requested for visiting scientists, the application must be submitted by, and be the responsibility of, a LaSPACE institution faculty member. On ALL proposals, only one PI can be proposed. For a multi-institution proposal, the lead at the secondary institution will be considered a Co-I. Notice of Intent is due by March 11. Proposals are due by March 27.

LINKS: [LaSPACE](#)

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Thomas Jefferson Fund  
Embassy of France in the United States, FACE Foundation

Created by the Embassy of France in the United States and the FACE Foundation, the Thomas Jefferson Fund supports cooperation among the most promising young French and American researchers and fosters forward-looking collaborative research that addresses the most pressing global challenges. The most innovative projects involving significant transatlantic mobility, collaborative research activities, the organization of joint workshops or conferences, the publication of joint articles, and the participation of younger researchers (PhDs) will receive the highest priority.

Applications are due by March 5.

LINKS: [FACE Foundation](#)

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13<sup>th</sup> Annual Louisiana Water Conference  
Louisiana Geological Survey, LSU Agricultural Center, and Louisiana Resources Research Institute

You are cordially invited to submit titles and abstracts to the Water Conference. The Conference offers 1 PDH Ethics Lecture for Professional Geologists (PG) and Professional Engineers (PE) and certificates of Continuing Education Units (CEUs).

Titles are due by February 15. Abstracts are due by March 15.

LINKS: [LAWater 2019](#)

## ARTS, HUMANITIES, and INTERNATIONAL

USAID-Zambia Solar Technologies Training  
United States Agency for International Development (USAID), Zambia USAID-Lusaka

Notice seeking information to support the increased utilization of solar technologies, there is a need to develop a cadre of trained solar professionals (installation and maintenance) throughout Zambia who can offer their services to both institutional and residential users.

Responses are due February 5, 2019 to [Google form](#).

LINKS: [Grants.gov](#)

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Research and Evaluation on Promising Reentry Initiatives, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking proposals for rigorous research to examine reentry initiatives that incorporate promising practices, strategies, or programs. For this solicitation, NIJ is interested in supporting evaluations of innovative reentry initiatives that focus on juveniles, young adults (aged 18-24), and adults with a moderate-to-high risk of reoffending. A particular focus on the risk of reoffending with a violent crime is encouraged. These initiatives may be applicable to juvenile residential facilities, institutional and/or community corrections.

Proposals are due May 13, 2019. Approximately \$6 million is available for seven awards.

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

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Disability and Rehabilitation Research Projects (DRRP) Program: Community Living and Participation (Development)  
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to propose a development project that is aimed at improving community living and participation outcomes of individuals with disabilities.

Requested letters of intent are due February 27, 2019. Applications are due March 25, 2019. Approximately \$500,000 is available to support one award.

LINKS: [Grants.gov](#)

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Disability and Rehabilitation Research Projects (DRRP) Program: Community Living and Participation (Research)  
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to propose a research project that is aimed at improving the community living and participation outcomes of individuals with disabilities.

Requested letters of intent are due February 27, 2019. Applications are due March 25, 2019. Approximately \$500,000 is available to support one award.

LINKS: [Grants.gov](#)

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FY 2019 Grants to Reduce Sexual Assault, Domestic Violence, Dating Violence and Stalking on Campus Program  
Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking proposals for coordinated community approaches to reduce sexual assault, domestic violence, dating violence, and stalking on college campuses. A successful project is one that enhances victim safety, provides services and support for victims, and supports efforts to hold offenders accountable.

Optional letters of intent are due February 21, 2019. Applications are due March 14, 2019. Approximately 45 to 50 awards are available with a funding range of \$300,000 to \$750,000 each.

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

## HEALTH and MENTAL HEALTH

Administrative Supplement for Research on Sex and Gender Influences (Admin Supp Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support research highlighting the impact of sex/gender influences in human health and illness, including basic, preclinical, clinical, translational, and behavioral studies. Of special interest are studies relevant to understanding the significance of biological sex on cells and tissue explants; comparative studies of male and female tissues, organ systems and physiological systems; sex-based comparisons of pathophysiology, biomarkers, gene expression, clinical presentation and prevention and treatment of diseases.

Applications are due February 20, 2019. Approximately \$3 million is available to support 20 awards.

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

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Anti-Scar Treatment for Deep Partial-Thickness (DPT) Burns  
Army (Army), Department of Defense (Defense)

Notice seeking proposals to develop a pharmacotherapy for the acute management and prophylactic treatment of deep partial-thickness burn wounds that is conducive to operations in combat theatre as well as fixed medical facilities.

Solution briefs are due February 28, 2019. Selected applicants will be invited to make a virtual or in person "pitch" of the proposed project. Approximately \$2.3 million is available for one award to support a project lasting up to four years.

LINKS: [FBO](#), [Solicitation](#)

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Combat Casualty Care - Multi-Domain Lifesaving Trauma Innovations (MuLTI) Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications to support the development of highly innovative materiel products and new ways, methods, or modifications to existing trauma practice (i.e., knowledge products) for future multi-domain operations (MDO) where evacuation capabilities may be significantly delayed or unavailable. Projects should consider the varied expertise levels of the medical providers and the possible diverse environmental conditions.

Required pre-applications are due March 5, 2019. Applications are due May 29, 2019. Approximately \$3.5 million is available.

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

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Innovations for Healthy Living - Improving Minority Health and Eliminating Health Disparities  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD)

Notice seeking applications that propose to conduct innovative research supporting the development of a product, tool, technology, process or service for commercialization with the aim of eliminating disparities in socioeconomically disadvantaged populations, underserved rural populations, and sexual and gender

minority populations or improving health in racial/ethnic minority populations.

Optional letters of intent are due March 1, 2019. Applications are due April 1, 2019. Approximately \$1 million is available to support three to four awards.

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

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Genetic Sequencer for mobile modular laboratories  
Army (Army), Department of Defense (Defense)

Notice seeking information on potential sources of technology with the capability to sequence DNA and RNA molecules in a mobile/modular laboratory.

Submissions are due February 28, 2019.

LINKS: [FBO](#)

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Development and Validation of Advanced Mammalian Models for Alzheimer's Disease-Related Dementias (ADRD) (R61-R33 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to develop, characterize and validate innovative mammalian models that recapitulate molecular, cellular, neuropathological, behavioral and cognitive hallmarks of the Alzheimer's Disease-Related Dementias (ADRD), including Lewy body dementia (LBD), vascular contributions to cognitive impairment and dementia (VCID), frontotemporal degeneration (FTD) and mixed etiology dementias (MED). Models will be expected to exhibit a broad range of features characteristic of the dementia disorder being modeled, including a mid- to late-life onset consistent with the human disorder, multiple age-dependent neuropathological processes and the associated behavioral, cognitive and/or physiological abnormalities.

Requested letters of intent are due February 14, 2019. Applications are due March 14, 2019. Approximately \$2.8 million is available to support up to five awards.

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

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DoD Breast Cancer, Breakthrough Award Levels 1, 2, 3, and 4  
Army (Army), Department of Defense (Defense)

Notice seeking applications for promising research that has high potential to lead to or make breakthroughs in breast cancer. The Breakthrough Award is structured with four different funding levels. The levels are designed to support major (but not all) stages of research that will lead to clinical application. Each level has a defined research scope. It is the responsibility of the Principal Investigator to select the level that aligns with the scope of the proposed research.

Pre-applications for levels 1 and 2 are due March 14, 2019. Pre-applications for levels 3 and 4 are due March 12, 2019. Award amounts and numbers vary by level.

LINKS: [Grants.gov \(Levels 1 and 2\)](#), [Grants.gov \(Level 3\)](#), [Grants.gov \(Level 4\)](#)

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DoD Breast Cancer, Breakthrough Fellowship Award  
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USMRAA)

Notice seeking applications from recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral fellowship and allows them to obtain the necessary

experience for an independent career at the forefront of breast cancer research.

Pre-applications are due March 14, 2019. Applications are due March 28, 2019. Approximately \$4.8 million is available to fund up to 10 fellowships.

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

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DoD Breast Cancer, Distinguished Investigator Award  
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications for established visionary leaders from any field to pursue innovative ideas that could accelerate progress toward ending breast cancer. These individuals should be exceptionally talented researchers who have shown that they are leaders in their field(s) through extraordinary creativity, vision, and productivity.

Pre-applications are due March 12, 2019. Approximately \$4.8 million is available to fund one award.

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

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DoD Breast Cancer, Era of Hope Scholar Award  
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications from individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer.

Pre-applications are due March 14, 2019. Applications are due March 28, 2019. Approximately \$9.6 million is available to fund two awards.

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

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DoD Breast Cancer, Innovator Award  
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications from visionary individuals who have demonstrated exceptional creativity, innovative work, and paradigm-shifting leadership in any field including, but not limited to, breast cancer. The Innovator Award will provide these individuals with the funding and freedom to pursue their most novel, visionary, high-risk ideas that could accelerate progress to ending breast cancer.

Pre-applications are due March 12, 2019. Approximately \$8 million is available to fund one award.

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

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Establishing a Cohort to Clarify Risk and Protective Factors for Neurocognitive Complications of Pediatric Type 1 Diabetes (T1D) - Planning Cooperative Agreements (U34 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications for planning cooperative agreements (U34) for a national, multisite, observational cohort study to prospectively examine the risk and protective factors for neurocognitive complications of pediatric type 1 diabetes (T1D; onset approximately ages 5-10 years) and a comparison sample.

Requested letters of intent are due March 11, 2019. Applications are due April 11, 2019. Approximately \$1.25 million is available to support up to three awards.

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

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Innovations in Access to Care for Children and Youth with Epilepsy  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to improve access to coordinated, comprehensive, quality care for children and youth with epilepsy in medically underserved and/or rural areas. The project will support recipients of funding under the Transforming Health Care for CYE program (HRSA-19-060) and provide national leadership and resources on practices, policies, and tools to improve the care of CYE. The recipient will coordinate HRSA-19-060 grant recipient activities and provide HRSA-19-060 grant recipients with technical assistance, training, and education to implement telehealth and telemedicine strategies and improve youth health care transition processes, communication and collaboration between primary and specialty care, data collection, quality improvement, and evaluation.

Applications are due April 22, 2019. Approximately \$650,000 per year is available to fund one award for four years.

LINKS: [Grants.gov](#)

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Mass Spectrometric Assays for the Reliable and Reproducible Detection of Proteins and Peptides of Importance in Obesity Research (U01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications proposing the development of targeted mass spectrometric assays (e.g., Multiple Reaction Monitoring) for proteins and peptides of primary interest to the obesity research community.

Requested letters of intent are due March 17, 2019. Applications are due April 17, 2019. Approximately \$1.5 million is available to support one or two awards.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

17 JAN 2019 US Army CERDEC Opportunities Industry Update  
Army (Army), Department of Defense (Defense)

Notice providing an overview and updates on a series of Broad Agency Announcements (BAAs) supporting research and development in a variety of topic areas of interest to the mission of the U.S. Army.

View the notice and follow links for information on BAA funding opportunities.

LINKS: [FBO](#)

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Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking proposals to support graduate research leading to doctoral degrees in topic areas that are relevant to preventing and controlling crime and ensuring the fair and impartial administration of criminal justice in the United States. Applicant academic institutions sponsoring doctoral students are eligible to

apply only if the doctoral student's degree program is a Science, Technology, Engineering, or Mathematics (STEM) discipline; and the student's proposed dissertation research has demonstrable implications for addressing the challenges of crime and/or the fair and impartial administration of criminal justice in the United States.

Proposals are due April 17, 2019. Approximately \$2 million is available for 14 awards.

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

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Research and Development in Forensic Science for Criminal Justice Purposes, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking proposals for basic or applied research and development projects. An NIJ forensic science research and development grant supports a discrete, specified, circumscribed project that will: (1) increase the body of knowledge to guide and inform forensic science policy and practice, or (2) lead to the production of useful material(s), device(s), system(s), or method(s) that have the potential for forensic application.

Proposals are due April 11, 2019. Approximately \$20 million is available for 50 awards.

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

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SOFWERX Collider Event 2019: Scouting for Industry Solutions  
Department of Defense (Defense), U.S. Special Operations Command (USSOCOM)

Notice seeking white paper submissions to take part in an industry day designed to allow USSOCOM to potentially acquire industry solutions relevant to certain technology focus areas.

White paper proposals are due Feb 15, 2019. Selected applicants will be invited to attend and "pitch" their ideas at the "Collider event" in April 2019.

LINKS: [FBO](#)

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Underminer  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Tactical Technology Office (TTO)

Notice seeking proposals to demonstrate the feasibility of rapidly constructing tactical tunnel networks that enable secure, responsive resupply. Adversaries, peer competitor nations, and allies around the world are building and exploiting tunnels for tactical operations.

Abstracts are strongly encouraged and due February 11, 2019. Proposals are due March 15, 2019. Multiple awards are expected.

LINKS: [FBO](#)

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Partnership Intermediary Agreements (PIA) Concerning Improving Technology Transfer and Non-Traditional Defense Industry Engagement  
Department of Defense (Defense)

Notice seeking white papers to provide services for executing the mission of the Air Force CyberWorx to increase the likelihood of success in the conduct of collaborative or joint activities between AF CyberWorx and small business firms and educational institutions to stimulate and promote technology development, and outbound and inbound transfer of technology (T2) between USAFA and academia, industry and federal laboratories. Any resultant PIA will be a non-Federal Acquisition Regulation based agreement made

pursuant to the authority of 15 U.S.C. 3715.

White papers are due February 28, 2019.

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