

## UNO FOCUS:

Air Force Science & Technology Fellowship Program (AF STFP)  
National Academies of Sciences, Engineering, and Medicine

The Air Force Science & Technology Fellowship Program offers nationally competitive fellowship awards to postdoctoral and senior scientists to perform collaborative research at U.S. Air Force research facilities across the country. Since 1966, the Air Force S&T Enterprise has hosted over 1,000 fellows under the NRC Research Associateship Programs and many of these researchers have gone on to successful careers in government laboratories. The Air Force Science & Technology Fellowship Program continues this tradition of providing high quality research opportunities with Air Force scientists and engineers at Air Force Research Laboratory, the Air Force Institute of Technology, and the U.S. Air Force Academy.

Seeking highly qualified candidates who are U.S. citizens and hold, or anticipate earning, a doctorate in a variety of fields of science or engineering. Next application deadline is August 1, 2023.

LINKS: [National Academies](#)

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Data & Protein Science Bootcamps  
Louisiana Biomedical Research Network (LBRN)

Scientific computing is becoming more ubiquitous for all types of research areas. Skills and knowledge that are necessary to take full advantage of the power of computing, however, are often inadequately present in both curricular and extracurricular training. The purpose of this workshop is, by both presentation and hands-on experiences, to help attendants understand the usage of popular scientific computing programming tools and prepare for their future computational study and research career.

Event runs July 31-August 4, 2023 and the deadline to register is June 30, 2023 at 4:30 PM.

LINKS: [LBRN](#); [Register](#)

## ARTS, HUMANITIES, and INTERNATIONAL

American Latino Museum Internship and Fellowship Initiative  
Institute of Museum and Library Services

Notice seeking applications designed to provide opportunities for internships and fellowships at American Latino museums for students enrolled in Institutions of Higher Education, including Hispanic-Serving Institutions (HSIs). The initiative will nurture students carrying out studies relating to American Latino life, art, history, and culture.

Applications are due August 7, 2023. Estimated \$2 million is available to fund 15 awards.

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

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Management of U.S. Embassy Youth Council (USYC) Program  
State

Notice seeking proposals to support initiatives that promote democracy, increase economic prosperity, and create resilience. This is only possible when youth are provided with given tools and resources to support their communities and country.

Applications are due July 23, 2023. The maximum amount for awards is \$75,000.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Inflation Reduction Act: NOAA Climate Resilience Regional Challenge  
Commerce

Notice seeking proposals to transform the resilience of U.S. coastal communities, ecosystems, and associated economies to weather and climate impacts.

Applications are due August 21, 2023. Estimated \$575 million is available to fund up to 45 awards.

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

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Legacy Resource Management Program  
Defense

Notice seeking proposals to provide project narratives identifying projects that align with the purposes and public benefits identified. The project narratives will be used to identify projects and stakeholders for ongoing Legacy Program funding opportunities and conservation community engagement.

Applications are due on a rolling basis.

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

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OJJDP FY 2023 Juvenile Justice and Delinquency Prevention Act Outreach and Education Subgrants  
Program  
Justice

Notice seeking applications to increase public education and awareness about the JJDP Act, juvenile delinquency prevention, Youth Justice Action Month, and related activities across the nation.

Applications are due August 7, 2023 for Grants.gov. Applications are due August 21, 2023 for JustGrants. The maximum amount for awards is \$600,000.

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

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## HEALTH and MENTAL HEALTH

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

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

Applications will be accepted until May 17, 2024. Multiple awards with a per-year ceiling of \$1.5 million are anticipated.

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

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Informatics Tools for the Pangenome (U01 Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to develop informatics tools that enable uptake and use of the improved pangenome reference of the Human Genome Reference Program.

Applications are due November 1, 2023. Estimated \$2 million is available to fund up to six awards.

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

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Simultaneous and Synergistic Multi-Target Validation for Alzheimer's Disease-Related Dementias (R61 R33 Clinical Trial not allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to develop multi-target disease-modifying therapeutics based on an appreciation of the complex interaction of pathways, cells, circuits, systems or pathologies that are present in complex AD/ADRD diagnoses.

Applications are due September 15, 2023. Estimated \$3.75 million is available to fund five awards.

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

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The Blood and Marrow Transplant Clinical Trials Network - Core Clinical Centers (UG1 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to advance hematopoietic cell transplantation (HCT) for all patients, but particularly for patients with rare and difficult to treat non-malignant blood diseases and hematological malignancies.

Applications are due October 2, 2023. Estimated \$4.32 million is available to fund 18 awards.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Assessing and Predicting Technology Outcomes  
National Science Foundation

Notice seeking proposals to support a cohort of projects that will work together to complement each other's research and development (R&D) efforts on technology outcome models to accurately describe three types of technology outcomes: technology capabilities, technology production, and technology use. These models should be able to predict future as well as past states of technology outcomes.

Required preliminary proposals are due August 21, 2023. Estimated \$30 million is available to fund 5 to 20 awards.

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

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Cellular and Biochemical Engineering  
National Science Foundation

Notice seeking proposals to support fundamental engineering research that advances understanding of cellular and biomolecular processes. CBE-funded research may lead to the development of enabling

technology for advanced biomanufacturing of therapeutic cells, biochemicals, and biopharmaceuticals, and for other biotechnology industries.

Proposals are accepted anytime.

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

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Disability and Rehabilitation Engineering  
National Science Foundation

Notice seeking proposals to support fundamental engineering research that will improve the quality of life of persons with disabilities through the development of new theories, methodologies, technologies, or devices. Disabilities could be developmental, cognitive, hearing, mobility, visual, selfcare, independent living, or other.

Proposals are accepted anytime.

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

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Engineering of Biomedical Systems  
National Science Foundation

Notice seeking proposals to provide opportunities for fundamental and transformative research projects that integrate engineering and life sciences to solve biomedical problems and serve humanity in the long term. Projects are expected to use an engineering framework (for example, design or modeling) that supports increased understanding of physiological or pathophysiological processes.

Proposals are due accepted anytime.

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

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MDA STEM BEST Robotics Grant  
Defense

Notice seeking applications to provide a means for official Local Competition Hubs to obtain financial support for purchasing new Robotics Kits, Field Quadrant Materials, and tools.

Applications are due July 21, 2023. The maximum amount for awards is \$15,000.

LINKS: [Grants.gov](#)

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MDA STEM BEST Robotics Grant Teacher Professional Development  
Defense

Notice seeking applications to provide a means for Official BEST Robotics Inc. Local Competition Hubs to obtain financial support for providing direct teacher professional development to teachers within their first three (3) years of being a team teacher for a BEST Robotics team.

Applications are due July 21, 2023. The maximum amount for awards is \$5,000.

LINKS: [Grants.gov](#)

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Ocean Acidification Coastal Research: Uniting Investigations and Shipboard Experiments (OA CRUISE)  
Commerce

Notice seeking proposals to provide for expanded ocean acidification (OA) observational and experimental capabilities of repeated oceanographic research cruises to better achieve the strategic aims of the program. Projects should be designed to expand the existing capabilities of the OAP supported research cruises conducted along the coastal US.

Proposals are due September 18, 2023. Estimated \$1 million is available to fund five to ten awards.

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

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Process Systems, Reaction Engineering, and Molecular Thermodynamics  
National Science Foundation

Notice seeking proposals to advance fundamental engineering research on the rates and mechanisms of chemical reactions, systems engineering, and molecular thermodynamics as they relate to the design and optimization of chemical reactors and the production of specialized materials that have important impacts on society.

Proposals are accepted anytime.

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

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University Training and Research for Fossil Energy and Carbon Management  
Energy

Notice seeking applications to educate and train the next generation of engineers and scientists to fill critical workforce gaps. This will be achieved by funding early-stage decarbonization and net-zero GHG emission technology R&D projects that support FECM program goals. The HBCU-MSI Program has additional objectives to increase opportunities and provide investments for traditionally underrepresented and disadvantaged communities within the U.S. to achieve a more racially diverse and highly-skilled workforce.

Applications are due August 7, 2023. Estimated \$17.7 million is available to fund up to 21 awards.

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