

UNO FOCUS:

Defense Established Program to Stimulate Competitive Research (DEPSCoR)
Department of Defense, Air Force Office of Scientific Research

This funding opportunity aims to create basic research collaborations between a pair of researchers, namely 1) Applicant/Principal Investigator (PI), a full-time faculty member who has never served as a PI on a prior DoD-funded award; and 2) Collaborator/co-Principal Investigator (co-PI), an investigator who will provide mentorship to the Applicant and has served as a PI on a DoD-funded research award actively between 1 October 2013 and 30 September 2020.

While each member of the collaboration should be in a tenure-track appointment or tenured at IHE in DEPSCoR-eligible States/Territories, you do not need to be in the same state. Likewise, the Applicant and Collaborator can have appointments at the same IHE. Though this is a collaboration between the Applicant and Collaborator, the Applicant's IHE will submit the proposal.

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

Consortium for Innovation in Manufacturing and Materials (CIMM) Seed Funding
Louisiana Board of Regents

The Consortium for Innovation in Manufacturing and Materials (CIMM), an NSF EPSCoR RII Track-1 project, solicits proposals for CIMM Seed Funding to support research projects relevant to CIMM's advanced manufacturing themes. Please see the RFPs for more information. There are three tracks available: (Track 1) Faculty Research Awards, (Track 2) Industrial Collaborations, (Track 4) CIMM Core User Facilities Awards.

Details regarding the three tracks are available at the below website.

LINKS: [LAREgents.gov](https://www.laregents.gov)

Supervised Research Experiences for Undergraduates (SURE)
Louisiana Board of Regents

A goal of the Louisiana Established Program to Stimulate Competitive Research (LAEPSCoR) project, funded by the National Science Foundation (NSF), is to increase the participation of women and other underrepresented minorities and in STEM (Science, Technology, Engineering, and Mathematics) fields. The Supervised Undergraduate Research Experiences (SURE) program seeks to further this goal by fostering opportunities for such students to conduct supervised research with a faculty mentor.

Proposals are due by August 7, 2020 at 4:30 PM CST.

LINKS: [LAREgents.gov](https://www.laregents.gov)

ARTS, HUMANITIES, and INTERNATIONAL

National Leadership Grants for Libraries (2021)
Institute of Museum and Library Services (IMLS)

Notice supporting projects that enhance the quality of library and archival services nationwide by advancing theory and practice. Successful proposals will generate results such as new tools, research findings, models, services, practices, or collaborative approaches that can be widely used, adapted, scaled, or replicated to extend the benefits of federal investment.

Required two-page preliminary proposals are due October 2, 2020. Full proposals are invited. Approximately \$9 million is available for 40 awards.

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

Young Pacific Leaders Civic Leadership Workshop
Department of State (State), U.S. Mission to Australia

Notice seeking proposals to carry out a sub-regional workshop on civic leadership designed to provide emerging Pacific leaders with the skills and knowledge they need to become leaders in the region's civic development. As a Pacific nation, the United States has long been committed to working with partners in the region to ensure continued regional security, as well as economic growth and development.

Proposals are due August 31, 2020. Approximately \$200,000 is available.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Monitoring Soil Health Impacts of CRP
United States Department of Agriculture (USDA), Farm Production and Conservation (FPAC)

Notice seeking applications to collect and analyze soil health data from at least 200 sites on Conservation Reserve Program (CRP)-enrolled land reflecting a diversity of conditions for at least 3 years and to quantify the relationship between soil health and cover and practice management characteristics.

Applications are due July 28, 2020. Approximately \$500,000 is available.

LINKS: [Grants.gov](#)

National Sheriffs Institute
Department of Justice (Justice), National Institute of Corrections (NIC)

Notice seeking applications designed specifically for first-term sheriffs. It introduces first-term sheriffs to their leadership role, specifically as it relates to their role their organization, local criminal justice system, and a partner in their local community. All leadership concepts are taught within the context of meeting the needs of the first-term sheriff.

Applications are due August 13, 2020. One award is anticipated.

LINKS: [Grants.gov](#)

Rural Cooperative Development Grant
United States Department of Agriculture (USDA), Business and Cooperative Programs

Notice seeking applications to improve the economic condition of rural areas by assisting individuals or entities in the startup, expansion or operational improvement of rural cooperatives and other business entities. Grants are awarded competitively on an annual basis to Rural Cooperative Development Centers who in turn provide technical assistance to individuals and entities.

Applications are due August 3, 2020. Approximately \$5.8 million is available for 29 awards.

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

Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities and Demonstration and Training Programs: National Technical Assistance Center on Transition for Students and Youth with Disabilities CFDA Number 84.326E

Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications to promote academic achievement and to improve results for children with disabilities by providing TA, supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research.

Applications are due August 28, 2020. Approximately \$4.1 million is available.

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

Women in Apprenticeship and Nontraditional Occupations (“WANTO”) Technical Assistance Grant Program
Department of Labor (Labor), Employment and Training Administration (ETA)

Notice seeking proposals to provide technical assistance (TA) to employers and labor unions to encourage employment of women in both apprenticeable occupations and nontraditional occupations (A/NTO), specifically in the following ways: developing (establishing, expanding, and/or enhancing) pre-apprenticeship, apprenticeship, or other nontraditional skills training programs designed to prepare women for careers in A/NTO; providing ongoing orientations or other resources for employers, unions, and workers on creating a successful environment for women in A/NTO; and/or setting up support groups, facilitating networks, and/or providing supportive services for women in A/NTO to improve their retention.

Applications are due August 3, 2020. Approximately \$4.1 million is available for 11 awards. Collaborative opportunities may exist for colleges and universities.

LINKS: [Grants.gov](#)

Technology Advisory Committee
Commodity Futures Trading Commission (CFTC)

Notice announcing a meeting of the Technology Advisory Committee to hear presentations from the TAC subcommittees on Automated and Modern Trading Markets, Distributed Ledger Technology and Market Infrastructure, Virtual Currencies, and Cyber Security.

The meeting will be held on July 16, 2020, from 10:00 a.m. to 2:00 p.m. via teleconference.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

Aging, Cancer-Initiating Cells, and Cancer Development (U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA); National Cancer Institute (NCI)

Notice promoting research applications to advance the understanding of the mechanistic factors and cellular interactions during aging that contribute to cancer initiation. Collaborations are strongly encouraged between scientists in the fields of aging biology and cancer biology. Applications should address key questions regarding how hallmarks of aging that lead to impaired cellular activities (metabolic alterations, proteostasis, epigenetic changes, and DNA repair) and alterations in the microenvironment (inflammation and immunosenescence) contribute to the development and outgrowth of cancer-initiating cells.

Optional letters of intent are due 30 days prior to the application due date. Applications are due October 27, 2020 and February 17, 2021.

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

BRAIN Initiative: Theories, Models and Methods for Analysis of Complex Data from the Brain (R01 Clinical Trial Not Allowed)

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

Notice seeking applications for the development of theories, computational models, and analytical tools to derive understanding of brain function from complex neuroscience data. Proposed projects could develop tools to integrate existing theories or formulate new theories; conceptual frameworks to organize or fuse data to infer general principles of brain function; multiscale/multiphysics models to generate new testable hypotheses to design/drive future experiments; new analytical methods to either support or refute a stated hypothesis about brain function.

Optional letters of intent are due August 14, 2020. Applications are due September 14, 2020. Approximately \$16 million is available to support up to 15 awards.

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

NICHD Research Education Programs (R25 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD); National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

Optional letters of intent are due 30 days prior to the application due date. Applications are due September 25, 2020 and then Standard dates apply.

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

Nonhuman Primate Reagent Resource (U24 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 applications or an immunologic reagent resource to support and facilitate the optimal use of nonhuman primate (NHP) models for vaccine and adjuvant development, transplantation, and infectious and immune-mediated diseases.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 19, 2020. Approximately \$1.775 million is available.

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

Non-invasive Diagnostics to Improve Gynecologic Health (R43-R44 Clinical Trial Optional) Department of Health and Human Services

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

Notice encouraging applications from small businesses to collaborate with scientists and clinicians in the field of gynecologic health to develop, advance, and validate new devices and methods for non-invasive diagnosis and/or screening of endometriosis, adenomyosis, and/or uterine fibroids. Projects supported will aim to shorten the time to diagnosis, decrease the invasiveness of current techniques, and/or improve accessibility, safety, convenience, and costs of diagnosis and/or screening.

Optional letters of intent are due November 10, 2020. Applications are due December 10, 2020. Approximately \$1 million is available for eight awards.

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

PrEP for HIV Prevention among Substance Using Populations (R01 - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA); National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications in research that addresses research gaps related to PrEP and its use among substance users, with the goals of improving PrEP management and implementation. Current US Public Health Service PrEP guidelines recommend PrEP for people who inject drugs (PWID) and mention alcohol and illicit drug use as potential concerns for clinical management. Only one clinical trial has evaluated PrEP among PWID and systematic data regarding the broader use of PrEP among substance users are limited.

Optional letters of intent are due October 12, 2020. Applications are due November 12, 2020. Approximately \$2.5 million is available to support two to three awards.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support students at institutions with NIH-funded institutional predoctoral dual-degree training programs. Candidates must propose an integrated research and clinical training plan and a dissertation research project in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

Applications are due April 8, August 8, December 8, annually. The expiration date is May 8, 2023.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to enhance the integrated research and clinical training of promising predoctoral students, who are matriculated in a combined MD/PhD or other dual-doctoral degree training program (e.g. DO/PhD, DDS/PhD, AuD/PhD, DVM/PhD), and who intend careers as physician/clinician-scientists. Candidates must propose an integrated research and clinical training plan and a dissertation research project in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

Applications are due annually on April 8, August 8, and December 8. Program expires May 8, 2023.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to enable promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting dissertation research in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

Applications are due annually on April 8, August 8 and December 8.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to provide senior individual research training fellowships to experienced scientists who wish to make major changes in the direction of their research careers or who wish to broaden their scientific background by acquiring new research capabilities as independent investigators in research fields relevant to the missions of participating NIH Institutes and Centers.

Applications are due April 8, August 8, December 8, annually. The expiration date is May 8, 2023.

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

Office of the Director, National Institutes of Health; Notice of Meeting
National Institutes of Health (NIH), Department of Health and Human Services (HHS), NIH Clinical Center
Research Hospital (CCRH)

Notice announcing a meeting of the NIH CCRH Board scheduled to discuss the following
agenda: Discussion of Patient Safety and Clinical Quality, Activities Regarding Novel Coronavirus, and
Facility Planning.

The meeting will be held July 17, 2020, from 9:00 a.m. to 1:00 p.m., ET, online at <https://videocast.nih.gov/>.

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

Development of Anti-Infective Drug Products for the Pediatric Population; Draft Guidance for Industry;
Availability
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing the availability of draft guidance to provide general recommendations on the
development of anti-infective drug products for pediatric patients.

Comments are due August 31, 2020.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2020 NASA Teams Engaging Affiliated Museums and Informal Institutions Remote Opportunity Remote
Opportunity Rapid Response (TEAM II RORR)
National Aeronautics and Space Administration (NASA)

Notice announcing financial support in the range of \$100K-\$175K for up to one year for Informal Education
Institutions to amplify or create an innovative remote or distance-learning program, opportunity, or
platform/project to reach K-12 students using relevant NASA content during the 2020-2021 school year
and/or in summer 2021 and continuing beyond.

Applications are due August 13, 2020.

LINKS: [Grants.gov](#)

Advanced Checked Baggage Screening Systems
Department of Homeland Security (Homeland Security)

Notice seeking white paper proposals to develop advanced checked baggage screening systems.

White paper proposals are due July 20, 2020. Invited full proposals are due August 19, 2020. Questions are due July 9, 2020.

LINKS: [Contract Opportunities](#)

Funding Opportunity Announcement (FOA) Research and Development for Advanced Water Resource Recovery Systems
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking applications to conduct research, development, and deployment on technology innovations that enable advanced water resource recovery systems. Topic Area 1 seeks to advance the development of transformative technologies beyond early stage research and development to become pilot ready. Topic Area 2 seeks to test currently developed, pilot ready technologies.

Required concept papers are due August 4, 2020. Applications are due October 6, 2020. Approximately 10 awards of up to \$2 million each are available to support Topic Area 1 projects lasting up to 36 months and Topic Area 2 projects lasting up to 24 months.

LINKS: [Grants.gov](#)

ROSES 2020: Science Team for the OCO Missions
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to make near-global observations of column abundances of atmospheric CO₂ to better understand the processes that control this important greenhouse gas. These processes include exchange between the atmosphere and oceans and terrestrial biosphere, and emissions from anthropogenic sources.

Requested Notices of intent are due November 13, 2020. Proposals are due January 13, 2021. Approximately \$3.5 million is available to support 15 to 20 awards.

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

State, Local, Tribal and Territorial National Information Exchange Model Cyber Pilot
Department of Homeland Security (Homeland Security), Cybersecurity and Infrastructure Security Agency (CISA)

Notice seeking applications to explore the development of a prototype data exchange standard format based on National Information Exchange Model (NIEM) with a select group of States that can eventually be rolled out for implementation across State, Local, Tribal and Territorial (SLTT) agencies.

Applications are due July 27, 2020. Approximately \$625,000 is available.

Limited Submission:

Multiple applications from a single organization serving as the lead is not allowed.

LINKS: [Grants.gov](#)

Verified Security and Performance Enhancement of Large Legacy Software (V-SPELLS) Proposers Day
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice announcing a proposers' day to provide information to potential proposers on the objectives of the anticipated Verified Security and Performance Enhancement of Large Legacy Software Broad Agency Announcement.

The proposers' day will be held July 29, 2020, from 12:00 pm, ET to 4:00 pm, ET via webinar. Register to attend by July 22, 2020, at <https://www.schafertmd.com/DARPA/I2O/V-SPELLS/PD/2020/July/>.

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