#### **UNO FOCUS:**

Harvard Dataverse Resources for COVID-19 Study

The COVID-19 virus presents unprecedented challenges, but also provides a rare opportunity for studying that, if seized, will help us understand future risks. Researchers from the Center for Geographic Analysis at Harvard University, the Geo-computation Center for Social Sciences at Wuhan University, RMDS Lab, and the Chinese Data Institute have built a web based platform for sharing research data on COVID-19, hosted on Harvard's Dataverse. The publicly accessible data includes daily statistics on the virus cases, inter-region migration data, local health facilities, social media data, demographic, business, population, and economic data mapped to administrative units. View and download the data resources.

LINKS: Harvard Dataverse

#### **ARTS, HUMANITIES, and INTERNATIONAL**

Combating Environmental Crime and Corruption in Indonesia Department of State (State), U.S. Mission to Indonesia

Notice requesting Statements of Interest (SOI) outlining project concepts and capacity to: build the capacity of law enforcement, government institutions, and local civil society organizations to prevent, interdict, investigate, and report on environmental crimes in Indonesia.

Statements of Interest of due April 30, 2020. Approximately \$900,000 is available for 15 awards.

LINKS: Grants.gov

Think Twice: Caravan to Safeguard Against Disinformation Department of State (State), U.S. Mission to India

Notice seeking proposals to create more conscientious consumers of information distributed on social media platforms to reduce threats and risks caused by misinformation and disinformation with a "Caravan to Safeguard Against Disinformation" in rural and at-risk communities in Haryana, Rajasthan and Uttar Pradesh in North India over the next 12 months.

Proposals are due May 26, 2020. Approximately \$70,000 is available to support one award.

LINKS: Grants.gov

Annual Program Statement
Department of State (State), Bureau of Global Public Affairs (GPA)

Notice seeking applications to support activities that directly align with the Global Engagement Center's (GEC) mission. As mandated by law, the GEC directs, leads, synchronizes, integrates, and coordinates efforts of the Federal Government to recognize, understand, expose, and counter foreign state and foreign non-state propaganda and disinformation efforts aimed at undermining or influencing the policies, security, or stability of the United States and United States allies and partner nations. GEC also identifies current and emerging trends in foreign propaganda and disinformation in order to coordinate and shape the development of tactics, techniques and procedures to expose and refute foreign propaganda and disinformation.

Applications will be accepted on a rolling basis for review on June 30, 2020; September 30, 2020; and December 31, 2020. Awards ranging from \$250,000 to \$1 million are available.

LINKS: Grants.gov, Agency Site

Statements of Interest for Human Rights, Accountability, and Access to Information in the Democratic People's Republic of Korea (DPRK or North Korea) Round 3
Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notices seeking statements of interest (SFOP0006703) and fixed amount award (SFOP0006701) applications for projects that improve human rights, accountability, and access to information in the Democratic People's Republic of Korea (North Korea).

Applications for both notices are due September 18, 2020.

LINKS: Grants.gov (SFOP0006703), Grants.gov (SFOP0006701)

YouthPower 2 (YP2) Annual Program Statement (APS)
United States Agency for International Development (USAID), Bureau for Economic Growth, Education and Environment (E3)

Notice seeking concept notes to provide a vehicle for engaging with youth-led and youth-serving organizations, among others, and systems to generate cross-sectoral, positive youth development outcomes. The APS disseminates information to prospective Applicants so they may develop and submit Concept Notes in response to the addenda and ultimately to be considered for USAID funding.

Concept notes due dates vary by addenda. Multiple awards are anticipated.

LINKS: Grants.gov

#### **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

Early Care and Education Research Scholars: Head Start Dissertation Grants and Child Care Dissertation Grants

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to support dissertation research by advanced graduate students who are working in partnership with Head Start programs and with faculty mentor; and to support dissertation research by advanced graduate students who are working on child care policy issues in partnership with a Child Care and Development Fund (CCDF) agency or administrator and with faculty mentors.

Applications are due June 4, 2020 (Child Care Dissertation Grants) and June 5, 2020 (Head Start Dissertation Grants). Approximately \$300,000 is available for up to six awards under each program.

LINKS: Grants.gov (HHS-2020-ACF-OPRE-YR-1822), Grants.gov (HHS-2020-ACF-OPRE-YE-1823)

Homeless Veterans' Reintegration Program (HVRP), Incarcerated Veterans' Transition Program (IVTP), and the Homeless Female Veterans' and Veterans' with Families Program (HFVVWF) (referred to collectively as HVRP)

Department of Veterans Affairs (VA), Veterans Employment and Training Service (VETS)

Notice seeking applications to provide services to reintegrate homeless veterans into the labor force by placing them into family-sustaining employment and to stimulate the development of effective service delivery systems that will address the complex problems facing homeless veterans. DOL defines family-sustaining employment as paid employment, in line with the homeless veteran's aspirations, talents, and abilities.

Applications are due April 27, 2020. Approximately \$22 million is available.

LINKS: Grants.gov

Innovations in Nutrition Programs and Services - Research and Demonstration Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to support research, demonstration, and documentation of innovative and promising practices that enhance the quality, effectiveness and proven outcomes of nutrition services programs within the aging services network.

Requested letters of intent are due April 16, 2020. Applications are due May 26, 2020. Approximately \$600,000 is available to support two Research awards. Approximately \$2.5 million is available to support 10 Demonstration awards. Cost share of at least 25 percent is required.

LINKS: Grants.gov (Research), Grants.gov (Demonstration)

BLM-CO Expanding Recreational Opportunities on Colorado's Public Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice seeking proposals to collaborate with BLM to improve access to and enhance visitor experiences of public lands and waters in Colorado.

Proposals are due June 1, 2020. Up to \$200,000 is available in FY 20 for awards ranging from \$5,000 to \$40,000.

LINKS: Grants.gov, Agency Site

**Enterprising Women of Color** 

Department of Commerce (Commerce), Minority Business Development Agency (MBDA)

Notice seeking applications to support Business Centers seeking to promote and ensure the inclusion and use of minority enterprises. The MBDA Minority Business Development Project provides technical assistance and business development services to minority business enterprises (MBEs).

Applications are due May 30, 2020. Approximately \$3 million is available to support 3 awards for three years.

LINKS: Grants.gov

EONS 2020: Appendix I MUREP Space Technology Artemis Research National Aeronautics and Space Administration (NASA)

Notice seeking applications from minority serving institutions (MSIs) for planning grants to promote STEM literacy and to enhance the capability of institutions to participate in NASA Space Technology Mission Directorate (STMD) opportunities, such as Centennial Challenges, and to support the Agency's advancement of technologies needed for exploration of the Moon, Mars and beyond through the development of an implementation plan for responding to STMD opportunities.

Approximately 12 awards of up to \$40,000 each are available to support projects lasting up to six months. Lead applicant eligibility is limited to MSIs - other institutions may collaborate.

LINKS: Grants.gov

Federal Emergency Management Agency (FEMA), Department of Homeland Security (Homeland Security)

Notice seeking applications to provide funding in three application tracks. The Local Prevention Framework, Replication, and Innovation Tracks will directly support the implementation of the September 2019 DHS Strategic Framework.

Applications are due May 29, 2020. Approximately \$10 million is available.

LINKS: Grants.gov

Food and Agriculture Service Learning Program (FASLP)
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to increase the knowledge of agriculture and improve the nutritional health of children and to bring together stakeholders from the distinct parts of the food system to increase the capacity for food, garden, and nutrition education within host organizations or entities, such as school cafeterias and classrooms, while fostering higher levels of community engagement between farms and school systems.

Applications are due June 4, 2020 and May 3, 2021. Approximately \$960,000 is available to support four awards.

LINKS: Grants.gov, Solicitation

Interdisciplinary Preparation in Special Education Early Intervention and Related Services for Personnel Serving Children with Disabilities who have High-Intensity Needs, CFDA Number 84.325K: Focus Area B Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, and youth with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research, to be successful in serving those children.

Applications are due May 29, 2020. Approximately \$1 million is available to support four awards.

LINKS: Grants.gov

Rehabilitation Services Administration (RSA): Rehabilitation Long-Term Training program--Vocational Rehabilitation Counseling CFDA Number 84.129B

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

Notice seeking applications designed to support projects that provide academic training in areas of personnel shortages identified by the Secretary to increase the number of personnel trained in providing VR services to individuals with disabilities.

Applications are due May 14, 2020. Approximately \$6.18 million is available to support 31 awards.

LINKS: Grants.gov

Open Meeting of the Taxpayer Advocacy Panel's Toll-Free Phone Line Project Committee Department of the Treasury (Treasury)

Notice announcing a meeting of the Taxpayer Advocacy Panel's Toll-Free Phone Line Project Committee

to solicit public comments, ideas, and suggestions on improving customer service at the Internal Revenue Service.

The teleconference will be held on April 8, 2020 at 11:00 a.m. ET. public is invited to make oral comments or submit written statements for consideration. Due to limited time and structure of meeting, notification of intent to participate must be made with Rosalind Matherne. Credentials to join the meeting are available here: http://www.improveirs.org.

LINKS: Federal Register

#### **HEALTH and MENTAL HEALTH**

Behavioral Risk Factor Surveillance System (BRFSS): Impact in Population Health Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)

Notice seeking applications to provide financial and technical assistance to recipients to conduct health-related behavioral surveillance through the BRFSS and increase the use of BRFSS data to inform public health actions to improve health.

Optional letters of intent are due April 30, 2020. Applications are due May 29, 2020. Approximately \$66 million is available to support 57 awards for three years.

LINKS: Grants.gov

Comprehensive Suicide Prevention

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center for Injury Prevention and Control (NCIPC)

Notice seeking applications to implement and evaluate a comprehensive public health approach to suicide prevention to reduce suicide morbidity and mortality, with attention to one or more vulnerable populations representing a significant proportion of the suicide burden (i.e. large numbers) and with suicide rates greater than the general population (e.g., veterans, tribal populations, rural communities, LGBTQ, homeless, other) in a jurisdiction(s) (state, city/county, tribe).

Optional letters of intent are due April 30, 2020. Applications are due May 26, 2020. Approximately \$35 million is available to support 10 awards for five years.

LINKS: Grants.gov

NIMHD Exploratory-Developmental Research Grant Program (R21 - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD)

Notice inviting applications to support short-term exploratory or developmental research projects that have the potential to break new ground in the fields of minority health and/or health disparities or extend previous discoveries toward new directions or applications that can directly contribute to improving minority health and/or reducing health disparities in the U.S.

Applications are due February 16, June 16, and October 16 annually through June 17, 2023.

LINKS: Grants.gov, Solicitation

Reducing the burden of parasitic infections in the United States through evidence-based prevention and control activities

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), Center for Global Health (CGH)

Notice seeking applications to reduce sequelae from Chagas disease and prevent soil- transmitted helminth infections in the United States.

Optional letters of intent are due April 15, 2020. Applications are due May 26, 2020. Approximately \$10 million is available to support seven awards for five years.

LINKS: Grants.gov

Sexual Risk Avoidance Education Program

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to fund projects to implement sexual risk avoidance education that teach participants how to voluntarily refrain from non-marital sexual activity. The services are targeted to participants that reside in areas with high rates of teen births and/or are at greatest risk of contracting sexually transmitted infections (STIs).

Applications are due May 26, 2020. Approximately \$33.5 million is available to support 40 awards.

LINKS: Grants.gov

Notice to Announce Request for Information on the Development of the National Institute of Diabetes and Digestive and Kidney Diseases Strategic Plan

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

Notice seeking broad public input to assist the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) in developing the NIDDK Strategic Plan. NIDDK invites input from: the scientific research community; patients and caregivers; health care providers and health advocacy organizations; scientific and professional organizations; federal agencies; and other stakeholders, including interested members of the public.

Comments must be received by May 18, 2020 to ensure consideration. Organizations are strongly encouraged to submit a single response that reflects the views of their organization and their membership as a whole.

LINKS: Federal Register, Agency Site

Academic-Industrial Partnerships (AIP) to Translate and Validate In Vivo Imaging Systems (R01 Clinical Trial Optional)

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

Notice seeking applications to stimulate translation of scientific discoveries and engineering developments in imaging, data science and/or spectroscopic technologies into methods or tools that address contemporary problems in understanding the fundamental biology, potential risk of development, diagnosis, treatment, and/or disease status for cancer or other disease.

Applications are due annually on February 5, June 5, and October 5.

LINKS: Grants.gov, Solicitation

BRAIN Initiative: Exploratory Team-Research BRAIN Circuit Programs - eTeamBCP (U01 Clinical Trials Optional)

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

Notice seeking applications to cross boundaries of interdisciplinary collaboration to elucidate the contributions of dynamic circuit activity to a specific behavioral or neural system. Applications are encouraged to propose adventurous and challenging goals that can only be tackled by a synergistic teambased approach and have the potential to be transformative and/or to enable significant advances.

Optional LOI's are due June 14, 2020. Applications are due July 14, 2020 and June 15, 2021. Approximately \$12 million is available for five awards to support projects lasting up to three years.

LINKS: Grants.gov, Solicitation

Child Health Research Career Development Award (CHRCDA) Program (K12 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of ChildHealth and Human Development (NICHD)

Notice seeking applications for supervised biomedical research training to assist the transition of junior faculty investigators into productive and independent physician-scientists.

Applications are due July 30, 2020. Approximately \$1.8 million is available for four awards to support projects lasting up to five years. Award budgets are limited to \$425,000 direct costs per year.

LINKS: Grants.gov, Solicitation

DoD Neurofibromatosis, Clinical Trial Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support the rapid implementation of clinical trials with the potential to have a significant impact on the treatment or management of NF. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies.

Required pre-applications are due June 25, 2020. Applications are due July 9, 2020. Approximately \$1.6 million is available to support one award.

LINKS: Grants.gov

DoD Neurofibromatosis, Early Investigator Research Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor. This opportunity allows for early-stage investigators to develop a research project, investigate a problem or question in NF research, and further their intellectual development as an NF researcher of the future.

Required pre-applications are due June 25, 2020. Applications are due July 9, 2020. Approximately \$1.8 million is available to support four awards.

LINKS: Grants.gov

DoD Neurofibromatosis, Exploration- Hypothesis Development Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in NF research. Studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation.

Required pre-applications are due June 25, 2020. Applications are due July 9, 2020. Approximately \$800,000 is available to support five awards.

LINKS: Grants.gov

DoD Neurofibromatosis, New Investigator Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support the continued development of promising early-stage investigators and/or the transition of established investigators from other research fields into a career in the field of NF research. Prior experience in NF research is not required.

Required pre-applications are due June 25, 2020. Applications are due July 9, 2020. \$2.16 million is available to support three awards.

LINKS: Grants.gov

DoD Orthotics and Prosthetics Outcomes, Clinical Research Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support clinical research that evaluates orthoses and/or prostheses using patient-centric outcomes relevant to Service members, Veterans, and other individuals with limb loss and/or limb impairment. Research supported by this mechanism is intended to generate clinically useful evidence with potential to enhance and optimize patient outcomes. Only one Funding Level category may be chosen per application and the choice of application category is at the discretion of the applicant.

Required pre-applications are due July 15, 2020. Applications are due July 29, 2020. Approximately \$4.7 million is available to support four awards.

LINKS: Grants.gov

DoD Orthotics and Prosthetics Outcomes, Clinical Trial Award Army (Army), Department of Defense (Defense)

Notice seeking applications to support the implementation of clinical trials with the potential to have a significant impact on improving the health and well-being of Service members, Veterans, and other individuals with limb loss and/or limb impairment. This award mechanism supports clinical trials that evaluate orthoses and/or prostheses using patient-centric outcomes for the purpose of generating clinically useful evidence to enhance and optimize patient outcomes.

Required pre-applications are due July 15, 2020. Applications are due July 29, 2020. Approximately \$8.7 million is available to support four awards.

LINKS: Grants.gov

DoD Tuberous Sclerosis Complex, Exploration- Hypothesis Development Award Army (Army), Department of Defense (Defense)

Notice seeking applications to develop innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies supported by this award mechanism are expected to generate preliminary data for future avenues of scientific investigation.

Required pre-applications are due June 18, 2020. Full applications are due July 9, 2020. Approximately \$150,000 (cap) is available, per award, is available to support five projects lasting up to one year.

LINKS: Grants.gov

Innovation for HIV Vaccine Discovery (R01 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 to support high risk, high impact, early discovery research on vaccine approaches to prevent acquisition of or ongoing infection by HIV.

Applications are due July 28, 2020; July 28, 2021; and July 28, 2022. The expiration date is July 29, 2022. Multiple awards of up to \$350,000 per year are available to support projects lasting up to four years.

LINKS: Grants.gov, Solicitation

Investigator Initiated Clinical Trials of Complementary and Integrative Interventions Delivered Remotely or via mHealth (R01 Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Complementary and Integrative Health (NCCIH)

Notice seeking applications for investigator-initiated fully remotely delivered and conducted clinical trials to assess the efficacy or effectiveness of complementary and integrative health interventions in NCCIH designated areas of high research priority. Applications submitted under this FOA are expected to propose a remotely delivered and conducted clinical trial with no in-person contact between research staff and study participants and may utilize mHealth tools or technologies.

Applications are due June 5, 2020 and annually on February 5, June 5, and October 5.

LINKS: Grants.gov, Solicitation

MTEC-20-09-COVID-19\_Treatment\_MIDRP "Development of Treatments for COVID-19" Army (Army), Department of Defense (Defense), Medical Technology Enterprise Consortium (MTEC)

Notice seeking white paper proposals to develop prototypes with potential application to the prevention of COVID-19 infection that can be administered in a non-hospital environment.

Enhanced white paper proposals are due April 8, 2020. Approximately \$20 million is available for up to five awards. Applicants are encouraged to form teams.

LINKS: Contract Opportunities, Agency Site

NIH Science Education Partnership Award (SEPA) (R25 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

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 July 14, 2020; July 13, 2021; and July 13, 2022.

Limited Submission: Only one application per institution

LINKS: Grants.gov, Solicitation

Novel Mechanism Research on Neuropsychiatric Symptoms (NPS) in Alzheimer's Dementia (R01 Clinical Trial Optional) and (R21 Clinical Trial Optional)

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

Notice seeking applications for studies that will enhance knowledge of mechanisms associated with neuropsychiatric symptoms (NPS) in persons with Alzheimer's disease or Alzheimer's disease-related dementia. The findings are expected to advance mechanistic understanding of both biobehavioral and neurobiological pathways leading to NPS.

R01 applications are due February 5, June 5, and October 5 annually. R21 applications are due February 16, June 16, and October 16 annually. The expiration date is May 8, 2023.

LINKS: Solicitation (R01), Grants.gov (R01), Grants.gov (R21)

Nurse Education, Practice, Quality and Retention (NEPQR) Simulation Education Training (SET) Program Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to enhance nurse education and future workforce readiness through the expansion of experiential learning opportunities, including the use of simulation-based technology, including equipment, to advance the health of patients, families, and communities in rural and medically underserved areas experiencing diseases and conditions that affect public health such as: high burden of stroke, heart disease, behavioral and mental health, maternal mortality, HIV/AIDS and or obesity.

Applications are due June 1, 2020. Approximately \$500,000 is available, per award, for four award to support projects lasting up to two years.

LINKS: Grants.gov, Solicitation

Small R01s for Clinical Trials Targeting Diseases within the Mission of NIDDK (R01 Clinical Trial Required) 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 pilot and feasibility clinical trials conducted in humans that will lay the foundation for larger clinical trials related to the prevention and/or treatment of diseases and conditions within the mission of NIDDK. The program will support small, short-term clinical trials in humans to acquire preliminary data regarding the effects of the intervention, as well as feasibility data related to recruitment and retention, and study conduct.

Applications are due February 5, June 5, and October 5 annually. The expiration date is May 8, 2023.

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), Administration on Aging (AoA)

Notice seeking applications for establishing and providing ongoing technical assistance and support and to build upon past advancements and innovations in serving older individuals and their family caregivers of diverse backgrounds.

Applications are due May 29, 2020. Approximately \$1.15 million is available to support six awards for 36 months. Cost share of at least 25 percent is required.

LINKS: Grants.gov

Supporting Tribal Public Health Capacity in Coronavirus Preparedness and Response Department of Health and Human Services

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to prevent, prepare for, and respond to COVID-19 in tribal jurisdictions for a variety of activities including, but not limited to: Emergency operations and coordination activities, public health management and risk assessment of travelers and others with potential COVID-19 exposure; equipment, supplies, shipping activities, or others to strengthen jurisdictional recovery; laboratory, surveillance, and epidemiologic (e.g., case identification) activities, data management activities, and others to strengthen bio surveillance; risk communications activities, etc. Activities also include the strengthening countermeasures and mitigation (e.g., storage and distribution systems, inventory management systems, points of dispensing (POD) alternative nodes, etc.;

Applications are due May 31, 2020. Approximately \$40 million is available for 500+ awards.

LINKS: Grants.gov, Solicitation

Translational Bioinformatics Approaches to Advance Drug Repositioning and Combination Therapy Development for Alzheimer's Disease (R01 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications to support data-driven drug repositioning and combination therapy for Alzheimer's disease and Alzheimer's disease-related dementias by developing computational methods and data resources and/or integrating computational approaches with proof-of-concept efficacy studies in cell-based models, animal models, and/or humans.

Applications are due February 5, June 5, and October 5 annually. The expiration date is May 8, 2023. Approximately \$5 million is available for up to four awards.

LINKS: Grants.gov, Solicitation

Treatment, Recovery, and Workforce Support Grants Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice seeking applications to implement evidence-based programs to support individuals in substance use disorder treatment and recovery to live independently and participate in the workforce. To achieve this objective, recipients must coordinate, as applicable, with Indian tribes or tribal organizations, state and local workforce development boards, lead state agencies responsible for a workforce investment activity, and state agencies responsible for carrying out substance use disorder prevention and treatment programs.

Applications are due June 1, 2020. Approximately \$4 million is available for up to eight awards to support projects lasting up to five years. Eligibility is limited to entities that provide treatment or recovery services for individuals with substance use disorders and partner with one or more local or state stakeholders, which may include local employers, community organizations, the local workforce development board, local and state governments, and Indian tribes or tribal organizations, to support recovery, independent living, and participation in the workforce.

LINKS: Solicitation, Grants.gov

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support the establishment of multidisciplinary Tuberculosis (TB) Research Units (TBRUs) that will operate as a collaborative network to improve understanding of Mycobacterium tuberculosis (Mtb)-host interactions through characterization of bacterial and host determinants that are relevant during stages of infection and disease, and analyses of bacterial and host heterogeneity on disease outcomes.

Optional letters of intent are due 30 days prior to the application due date. Applications are due September 28, 2020.

Limited Submission: Only one application per institution is allowed.

LINKS: Grants.gov, Solicitation

UNITED STATES MILITARY ACADEMY Broad Agency Announcement Army (Army), Department of Defense (Defense)

Notice seeking applications to conduct collaborative research based on the following campaigns: Socio-Cultural; Information Technology; Ballistics, Weapons, and Protections; Energy and Sustainability; Materials, Measurements, and Facilities; Unmanned Systems and Space; Human Support Systems; and Artificial Intelligence, Machine Learning, and Quantum Technologies.

Applications are being accepted through March 31, 2025.

LINKS: Grants.gov

#### SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

NASA Advisory Council; Human Explorations and Operations Committee; Meeting National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Human Explorations and Operations Committee of the NASA Advisory Council (NAC). This Committee reports to the NAC.

The meeting will occur on Tuesday, April 14, 2020, 1:00 p.m. to 6:00 p.m. ET; and Wednesday, April 15, 2020, 8:30 a.m. to 4 p.m. ET. Any interested person may dial the toll-free access number 1-800-593-9971 or toll access number 1-517-308-9316, and then the numeric participant passcode: 4648477.

LINKS: Federal Register, Agency Site

NASA Advisory Council; Regulatory and Policy Committee; Meeting National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Regulatory and Policy Committee of the NASA Advisory Council. This Committee reports to the NAC.

The meeting will occur on April 15, 2020, from 10:00 a.m.-3:00 p.m. ET. Any interested person may dial the toll number 1-415-527-5035 and then the numeric passcode 903548068, followed by the # sign, or toll-free 1-844-467-6272 and then the numeric passcode 713620, followed by the # sign.

LINKS: Federal Register, Agency Site

ED.gov Redesign Challenge Department of Education (Education)

Notice seeking prototypes for a redesign of ED's homepage, ED.gov, with the goal of improving its overall quality of design, navigation, interactivity, and presentation.

Submissions are due June 15, 2020. Approximately \$50,000 is available for multiple prize awards.

LINKS: Contract Opportunities, Solicitation, Agency Site

EONS 2020: Appendix J NASA MUREP INCLUDES PLANNING GRANT National Aeronautics and Space Administration (NASA)

Notice seeking applications for planning grants to assist in the formulation and convening of MSI-led coalitions in support of broadening participation in engineering. This is a novel and strategic partnership initiative, enabling MSIs to assemble and lead coalitions comprised of multiple organizations, institutions and agencies. The NASA MUREP INCLUDES Planning Grant is intended to provide resources to eligible Institutions for the organization of new programs or the expansion of existing resources to address critical challenges with broad impact. This planning grant enables applicants to prepare for response to a full solicitation, tentatively scheduled to be announced in Fall 2020.

Applications are due June 15, 2020. Approximately 9 awards of up to \$50,000 each are available. Lead applicant eligibility is limited to MSIs - other institutions may collaborate.

LINKS: Grants.gov

HERO Appendix F: NASA Human Research Program Omnibus Opportunity and Appendix E: Topics in Human Factors and Behavioral Performance National Aeronautics and Space Administration (NASA)

The appendix F notice is seeking proposals for research investigations lasting no more than one year that provide innovative approaches to any of the risks and gaps contained in the Integrated Research Plan (https://humanresearchroadmap.nasa.gov) of the Human Research Program (HRP). NASA is also soliciting novel research ideas that might not be directly aligned with HRP's identified risks from new investigators who have not received funding from NASA HRP, the National Space Biomedical Research Institute, or the Translational Research Institute for Space Health in the last ten years. The appendix E notice is seeking proposals in the area of Identification, Development and Validation of a Mars Adaptive TRaining-Integrative Knowledge System (MATRIKS) for Pre- and In-Flight Crew Training for Long-Duration Missions.

Proposals are due April 30, 2020. Approximately five Appendix F awards of up to \$150,000 are available. Approximately four Appendix E awards of up to \$1.4 million are available.

LINKS: Grants.gov (Appendix E), Grants.gov (Appendix F), Agency Site

Information Technology Laboratory (ITL) Broad Agency Announcement (BAA) Army (Army), Department of Defense (Defense), U.S. Army Engineer Research and Development Center (ERDC)

Notice seeking proposals for research and development in support of the ITL, which conducts research and development in informatics and computational science and engineering with particular emphasis on high-performance computing, computer-aided and interdisciplinary engineering, computer science, and instrumentation systems. Proposals are sought in the following topic areas: Topic 1: System Engineering Techniques; Topic 2: High Performance Computing (HPC) Enabled Development of Surrogate Models and Data Analytics; Topic 3: Leveraging HPC capabilities for On-the-Edge Computing; Topic 4: Large-Scale Additive Manufacturing; Topic 5: Computational Material Testing and Validation; Topic 6: Design

Optimization with Novel Manufacturing Technologies; and Topic 7: Operational Support Using Additive Manufacturing.

Optional pre-proposals are due May 1, 2020. Full proposals are due May 29, 2020. Questions are due April 7, 2020.

LINKS: Contract Opportunities, Agency Site

NAWCA 2021 Mexico Standard Grant

Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to promote partnerships between public agencies and groups interested in protecting, improving, restoring, and managing an appropriate distribution and diversity of wetland ecosystems and other habitats for wetlands-associated migratory birds and other fish and wildlife in North America. Funds can be used toward the purchase and long-term restoration and maintenance of wetlands areas that support migratory birds in North America, and toward activities in Mexico that involve technical training, education, sustainable-use studies, or organizational infrastructure-building needed to develop or strengthen wetlands conservation and management capabilities.

Applications are due May 19, 2020. Approximately 15 awards, usually not more than \$500,000 but potentially up to \$1 million, are available. A 1:1 match is required.

LINKS: Grants.gov, Agency Site

NAWCA 2021-2 Canada Grants

Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications for public-private partnerships carrying out projects in Canada that further the goals of the North American Wetlands Conservation Act. These projects must involve long-term protection, restoration, enhancement and/or establishment of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds.

Applications are due August 28, 2020. Approximately \$22 million is available for up to 10 awards ranging from \$200,000 to \$10 million each. Awards require a 1:1 match.

LINKS: Grants.gov, Agency Site

Ocean of Things Phase 2, Technical Area 2 Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking innovative proposals for the second phase of a two-phase program to develop analytical techniques to derive insights from an autonomous float field and produce mission products from the many, concise float data reports.

Proposals are due May 15, 2020. Questions are due April 17, 2020. Approximately \$8 million is available for multiple awards.

LINKS: Contract Opportunities

Notification of a Public Meeting of the Science Advisory Board Economic Guidelines Review Panel Environmental Protection Agency (EPA)

Notice announcing a meeting scheduled to include an agency briefing, and to review questions and hear public comments for the EPA's revised document titled "Guidelines for Preparing Economic Analyses."

The meeting will be held via teleconference April 23, 2020 from 11:00 am to 3:00 pm, ET. Call or email the contact for information on how to attend.

LINKS: Federal Register, Agency Site