Notices from August 26, 2019 to August 28, 2019

This publication synopsizes funding opportunities, rules and regulations, comment requests, and meetings information from Grants.gov, Federal Register, and Federal Business Opportunities for colleges and universities that are eligible to be lead applicants or serve as partners.

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**ARTS / HUMANITIES / INTERNATIONAL**
FUNDING OPPORTUNITY:
Expanding Malawi HIV-AIDS Prevention with Local Organizations Working for an Effective Epidemic Response (EMPOWER)

FON:
72061219RFA00005

AGENCY:
United States Agency for International Development (USAID)

ITEM:
Notice seeking applications to prevent new HIV infections among targeted populations. A significant further reduction in new HIV infections is critical to Malawi’s economic and social development.

ACTION:
Applications are due October 7, 2019. Approximately $72 million is available to support four awards for five years. Local partners are required.

LINKS:

CONTACT:
Questions, Email: OAA-Malawi-Solicit@usaid.gov (mailto:OAA-Malawi-Solicit@usaid.gov) with a copy to gsuya@usaid.gov (mailto:gsuya@usaid.gov) and I Chimangeni@usaid.gov (mailto:I Chimangeni@usaid.gov)

EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT

FUNDING OPPORTUNITY:
National Animal Disease Preparedness and Response Program 2019 Training and Exercise

FON:
USDA-APHIS-10025-VSCEAH00-20-0001

AGENCY:
United States Department of Agriculture (USDA) , Animal and Plant Health Inspection Service (APHIS)

ITEM:
Notice seeking applications to increase capabilities, capacity, and readiness of the nation’s animal agriculture sector to quickly and effectively respond to animal pests and disease outbreaks affecting the economic interests of the livestock and related industries of the United States.

ACTION:
Applications are due October 25, 2019. Up to $10 million is available.

LINKS:

CONTACT:
Julie Wallin, 970-494-7258. Email: VS.NADPRP@usda.gov (mailto:VS.NADPRP@usda.gov)

HEALTH

FUNDING OPPORTUNITY:
Delta States Rural Development Network Grant Program
FON:
HRSA-20-087

AGENCY:
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Office of Rural Health Policy

ITEM:
Notice seeking applications from consortia for the development of integrated health care networks to address unmet local health care needs and prevalent health disparities in rural Delta communities. The purpose of the Delta Program is to support organizations located in the eight Delta States (Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee) to promote the planning, implementation, and development of health care networks to: (i) achieve efficiencies; (ii) expand access to, coordinate, and improve the quality of essential health care services; and (iii) strengthen the rural health care system as a whole.

ACTION:
Applications are due December 6, 2019. Approximately $12 million is available for up to 12 awards to support projects lasting up to three years. Eligibility is limited to Consortia of three or more organizations, of which at least three must be health care providers. The lead applicant must be located in a rural county or eligible rural census tract. An informational webinar will be held October 1, 2019 - see the solicitation for details.

Limited Submission:
One application per institution.

LINKS:

CONTACT:
Patricia Burbano, 301-443-7238. Email: pburbano@hrsa.gov

FUNDING OPPORTUNITY:
NCI Clinical and Translational Exploratory-Developmental Studies (R21 Clinical Trial Optional)

FON:
PAR-19-356

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

ITEM:
Notice seeking applications to support the development of new exploratory research in cancer diagnosis, treatment, imaging, symptom/toxicity, and prevention clinical trials; correlative studies associated with clinical trials; novel cancer therapeutic, symptom/toxicity, and preventive agent development, radiotherapy development activities, and mechanism-driven combinations; innovative preclinical studies, including the use of new clinically-relevant models and imaging technologies, which could lead to first-in-human clinical trials, and therapeutic outcome disparities, including biomarkers or genetic/epigenetic signatures, among diverse racial/ethnic populations, including genetically engineered mouse models, patient-derived xenograft models, organoids, and cell lines.

ACTION:
Applications are due October 18, 2019; February 20, 2020, June 19, 2020; October 20, 2020; February 19, 2021; June 21, 2021; October 20, 2021; February 22, 2022; and June 21, 2022.

LINKS:

CONTACT:
William C. Timmer, 240-276-6130. Email: william.timmer@nih.gov (mailto:william.timmer@nih.gov)

FUNDING OPPORTUNITY:
Neural Regulation of Cancer (R01 and R21 Clinical Trial Not Allowed)

FON:
PAR-19-353; PAR-19-354

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

ITEM:
Notice seeking applications to encourages collaborative, transdisciplinary research with both neuroscience and cancer research elements, which together will advance our current understanding of the nervous system's contribution to cancer.

ACTION:
Optional letters of intent are due 30 days prior to the application due date. Applications are due October 21, 2019; May 27, 2020; October 21, 2020; May 27, 2021; October 21, 2021; and May 27, 2022.

LINKS:

CONTACT:
Chamelli Jhappan, 240-276-6200. Email: jhappanc@mail.nih.gov (mailto:jhappanc@mail.nih.gov)

MEETING:
Notice Veterans' Rural Health Advisory Committee, Notice of Meeting

FON:
2019-18341

AGENCY:
Department of Veterans Affairs (VA)

ITEM:
Notice announcing a meeting scheduled to include the following agenda: updates from Department leadership, the Executive Director Office of the VA Office of Rural Health and the Committee Chairman, as well as presentations on general rural health care access.

ACTION:
The meeting will be held September 25 and 26 from 8:45 a.m. to 5:00 p.m. ET each day at Partnership for Public Service, 1100 New York Ave. NW, Suite 200 East, Washington, DC.

LINKS:

CONTACT:
Judy Bowie, Email: VRHAC@va.gov (mailto:VRHAC@va.gov)

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MEETING:
Geriatrics and Gerontology Advisory Committee, Notice of Meeting

FON:
2019-18423

AGENCY:
Department of Veterans Affairs (VA), Veterans Health Administration (VHA)

ITEM:
Notice announcing a meeting scheduled to include the following agenda topics: discussions involving members of VHA leadership, Geriatrics and Extended Care leadership; health records migration, the MISSION Act; Choose Home; and Geriatric, Research, and Clinical Centers.

ACTION:
The meeting will be held September 17, 2019 from 1:00 p.m. to 5:00 p.m. and September 18, 2019 from 8:00 a.m. to 3:30 p.m., ET.

LINKS:

CONTACT:
Alejandra Paulovich, 202-461-6016. Email: Alejandra.Paulovich@va.gov (mailto:Alejandra.Paulovich@va.gov)

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MEETING:
Research Advisory Committee on Gulf War Veterans' Illnesses; Notice of Meeting

FON:
2019-18343

AGENCY:
Department of Veterans Affairs (VA)

ITEM:
Notice announcing a meeting scheduled to discuss VA program activities related to Gulf War Veterans' illnesses and updates on relevant scientific research published since the last Committee meeting. Presentations are scheduled to include updates on the VA Gulf War research program, presentations from VA-funded researchers and subject matter experts in the areas of health and generational effects of serving in the Gulf War.

ACTION:
The meeting will be held October 3, 2019 from 9:00 a.m. to 5:00 p.m., PT and October 4, 2019 from 8:30 a.m. to 12:00 p.m., PT. To attend via teleconference, call 800-767-1750 and enter access code 56978#. Attend via Adobe Connect webinar at http://va-eerc-ees.adobeconnect.com/racgwvi-oct2019/ (http://va-eerc-ees.adobeconnect.com/racgwvi-oct2019/).

LINKS:

CONTACT:
Karen Block, 202-443-5600. Email: karen.block@va.gov (mailto:karen.block@va.gov)

MEETING:
Vaccines and Related Biological Products Advisory Committee; Notice of Meeting

FON:
2019-18410

AGENCY:
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

ITEM:
Notice announcing a meeting scheduled to discuss an overview of the research programs in the Laboratory of Hepatitis Viruses and the Laboratory of Vector-Borne Viral Diseases.

ACTION:
The meeting will be held October 9, 2019 from 8:30 a.m. to 3:30 p.m., ET at FDA White Oak Campus, 10903 New Hampshire Avenue, Bldg. 31 Conference Center, the Great Room (Rm. 1503), Silver Spring, MD. The meeting will be webcast at https://collaboration.fda.gov/vrbpac100919/ (https://collaboration.fda.gov/vrbpac100919/).

LINKS:

CONTACT:
Serina Hunter-Thomas, 240-402-5771.
Email: serina.hunter-thomas@fda.hhs.gov (mailto:serina.hunter-thomas@fda.hhs.gov)

NOTICE:
Male Breast Cancer: Developing Drugs for Treatment; Draft Guidance for Industry; Availability

FON:
2019-18363

AGENCY:
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

ITEM:
Notice announcing the availability of a draft guidance for industry entitled “Male Breast Cancer: Developing Drugs for Treatment.” The draft guidance recommends the inclusion of male patients in
clinical trials of breast cancer drugs and provides recommendations on clinical development when males have either not been included in clinical trials for drugs to treat breast cancer or when inclusion of males in those trials is very limited.

ACTION:
Comments are due October 28, 2019.

LINKS:

CONTACT:
Julia Beaver, 240-402-0489.

SCIENCE / TECHNOLOGY / ENGINEERING / MATH

FUNDING OPPORTUNITY:
FY2020 Office of Weather and Air Quality Research Programs

FON:
NOAA-OAR-OWAQ-2020-2006188

AGENCY:
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

ITEM:
Notice seeking proposals for weather, air quality, and earth-system modeling research reflecting multiple science objectives spanning time scales from hours to seasons, and from weather and water observations and earth system modeling to social and behavioral science.

ACTION:
Encouraged letters of intent are due September 17, 2019. Applications are due November 20, 2019. Approximately $7 million is available to support up to 23 awards.

LINKS:

CONTACT:
OWAQ, Email: oar.owaq.competitions@noaa.gov (mailto:oar.owaq.competitions@noaa.gov)

FUNDING OPPORTUNITY:
Proposed Research on Development of Strategies, Techniques, and/or Technologies

FON:
140E0119R0022

AGENCY:
Department of the Interior (Interior), Bureau of Safety and Environmental Enforcement (BSEE)

ITEM:
Notice seeking white papers on the development of strategies, techniques and/or technologies for inhibiting emulsions during an oil spill response.

ACTION:
White papers are due October 9, 2019. Questions are due September 10, 2019. Respondents must submit a separate white paper for each proposed research project.

LINKS:
FBO (https://www.fbo.gov/?s=opportunity&mode=form&id=89eaf9596348a7cb21b9ce589ac4a3a8&tab=core&_cview=0)

CONTACT:
Christina Williams Email: christina.williams@bsee.gov (mailto:christina.williams@bsee.gov)

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FUNDING OPPORTUNITY:
SBIR-STTR Opportunity: Advanced Electromagnetic Wave Shielding using DNA-Nanoparticle Composites

FON:
HR0011950035-12

AGENCY:
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

ITEM:
Notice seeking proposals to demonstrate that, in certain critical applications, DNA-based thin film technology can significantly outperform both the equivalent basic metal-layer and other biopolymer-based electromagnetic interference (EMI) shields and also motivate the larger development and use of DNA-based materials broadly in defense systems.

ACTION:
Proposals are due October 10, 2019. Approximately $1.75 million is available. Direct to Phase II proposals are accepted only.

LINKS:
FBO (https://www.fbo.gov/index.php?s=opportunity&mode=form&id=8fc24e9aebac84153a0f25e97708c75e&tab=core&_cview=0)

CONTACT:
Questions, Email: sbirhelp@bytecubed.com (mailto:sbirhelp@bytecubed.com) with a copy to sbir@darpa.mil (mailto:sbir@darpa.mil)

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FUNDING OPPORTUNITY:
SBIR-STTR Opportunity: Distributed mm-Wave Full Duplex Two-Way Time Transfer

FON:
HR0011950035-18

AGENCY:
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

ITEM:
Notice seeking proposals to establish full duplex frequency-phase alignment at mm-wave by demonstrating the feasibility of two-way time transfer (TWTT) with a low-latency analog radio frequency (RF) front end to achieve coherence up to Ka Band, even with high Doppler shifts. This
would enable two-way timing synchronization among distributed mobile users for many edge applications in the anti-access area-denial (A2AD) environment in the absence of external third-party reference synchronizing signals.

**ACTION:**
Proposals are due October 10, 2019. Approximately $2.25 million is available for DP2 awards.

**LINKS:**
FBO (https://www.fbo.gov/index.php?s=opportunity&mode=form&id=97b962aef549e26a0b0928ad4bc6b6c6&tab=core&_cview=0)

**CONTACT:**
Questions, Email: HR001119S0035@darpa.mil (mailto:HR001119S0035@darpa.mil)

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**FUNDING OPPORTUNITY:**
SBIR-STTR Opportunity: Generative Immersive Scenario Testbed (GIST)

**FON:**
HR001119S0035-17

**AGENCY:**
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

**ITEM:**
Notice seeking proposals to develop and demonstrate a system that generates novel 3D training and research testing scenarios that include humans behaving within environments from real-world scenes and/or 2D video. The objective is to create realistic training content more rapidly that allows the instructor to vary environments, populations, and situations for salient, realistic, and immersive experiences.

**ACTION:**
Proposals are due October 10, 2019. Approximately $225,000 is available to support Phase I awards for nine months. Approximately $1.75 million is available to support DP2 awards.

**LINKS:**
FBO (https://www.fbo.gov/index.php?s=opportunity&mode=form&id=b506b533bfac4110bab0d211ceb88855&tab=core&_cview=0)

**CONTACT:**
Questions, Email: sbirhelpdesk@u.group (mailto:sbirhelpdesk@u.group) with a copy to sbir@darpa.mil (mailto:sbir@darpa.mil)

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**FUNDING OPPORTUNITY:**
SBIR-STTR Opportunity: Ultrathin Dielectric Elastomer Fibers for Actuation

**FON:**
HR001119S0035-19

**AGENCY:**
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)
ITEM:
Notice seeking proposals to develop ultrathin dielectric elastomer fibers as actuators in functional fiber electronic systems. The objective fiber characteristics are 20 micron diameter total, with 10 micron inner diameter electrode and tube thickness of 5 microns.

ACTION:
Proposals are due October 10, 2019. Up to $225,000 is available for Phase I awards. Up to $1.75 million is available for DP2 awards.

LINKS:
FBO (https://www.fbo.gov/index.php? s=opportunity&mode=form&id=4387df72111da4f123a660cb0d86dab0&tab=core&_cview=0)

CONTACT:
Questions, Email: HR001119S0035@darpa.mil (mailto:HR001119S0035@darpa.mil)

FUNDING OPPORTUNITY:
Stewardship Science Academic Alliances (SSAA) Program

FON:
DE-FOA-0002149

AGENCY:
Department of Energy (Energy), National Nuclear Security Administration (NNSA)

ITEM:
Notice seeking applications to support state-of-the-art research at U.S. academic institutions in areas of fundamental physical science and technology of relevance to the Stockpile Stewardship Program (SSP) mission. The SSAA Program provides the research experience necessary to maintain a cadre of trained scientists at U.S. universities to meet the nation's current and future SSP needs, with a focus on those areas not supported by other federal agencies.

ACTION:
Applications are due October 29, 2019. Approximately $2.5 million is available to support one to two awards.

LINKS:

CONTACT:
Patricia Parrish, FedConnect.net.

NOTICE:
Request for Comments on Patenting Artificial Intelligence Inventions

FON:
2019-18443

AGENCY:
Department of Commerce (Commerce), U.S. Patent and Trademark Office (USPTO)
ITEM:
Notice seeking comments on patent-related issues regarding artificial intelligence inventions for purposes of evaluating whether further examination guidance is needed to promote the reliability and predictability of patenting artificial intelligence inventions.

ACTION:
Email comments to AIPartnership@uspto.gov (mailto:AIPartnership@uspto.gov) by October 11, 2019.

LINKS:

CONTACT:
Office of the Under Secretary and Director of the USPTO, 571-272-8600.

This information was compiled and edited by Ken McDonald with assistance from the GRC Staff.