

UNO FOCUS:

LaSPACE

Support for Advanced Flight Opportunities for Students (SAFOS)

Offered by the Louisiana Space Grant Consortium

Under the authority of the

NASA Space Grant College and Fellowship Program

Louisiana Space Grant Consortium (LaSPACE)

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The Support for Advanced Flight Opportunities for Students (SAFOS) Program aims to encourage student participation in aerospace research by providing funds for the development of student satellite payloads and other space-engineering products. SAFOS was developed with several established advanced flight programs in mind. Advanced flight projects offer student scientists and engineers a real-world technical and project management experience, which contributes to a skilled technical workforce for the aerospace industry. Funds from SAFOS may be used to support student teams participating in programs like HASP, RockSat-C, and RockSat-X. Other advanced flight programs that emphasize a complete project lifecycle, from design to build through flight and post-flight analysis, are eligible.

Senior Design Projects will not be considered, as these programs are supported by pre-existing funding mechanisms from LaSPACE.

STEM Education Research Opportunities

CADRE, a National Science Foundation resource network, shares STEM education research and opportunities.

The Use of Theory in Research on Broadening Participation in PreK-12 STEM Education

This paper seeks to provide a resource for prospective DRK-12 awardees by identifying some of the theories that current and recent DRK-12 awardees are using in their research on broadening participation. [VIEW PAPER](#)



Reminder: Upcoming Webinar on NSF STEM Education Research Funding

Learn more about the [NSF DRK-12 Solicitation \(17-584\)](#).

September 13 | 1-2 pm ET NSF program officers will be available to answer questions during the webinar.



REGISTER FOR THE WEBINAR Slides and a recording of the August 14 webinar on the DRK-12 solicitation are available. If you are submitting a proposal, we encourage you to access the [NSF Proposal Toolkit](#) for more resources. The DRK-12 proposal submission deadline is November 14, 2018.

ARTS, HUMANITIES AND INTERNATIONAL

The Future Leaders Exchange (FLEX) Program: Host Family and School Placement and Monitoring
Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to support efforts to provide scholarships for European and Eurasian high school students to live in American society for an academic year to attend a U.S. high school. Applicants must identify host schools; vet, select, and monitor host families; and place, support and monitor a portion of the students participating in the program during the 2019-20 academic year.

Applications are due November 5, 2018. Approximately \$30.3 million is available to support 10-15 awards.
Limited Submission:

Applicants may submit only one proposal under this competition.

LINKS:

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

Codex Alimentarius Commission: Meeting of the Codex Committee on Food Import and Export Inspection and Certification Systems (CCFICS)

United States Department of Agriculture (USDA) , U.S. Codex Office

Notice announcing a meeting to provide information and receive public comments on agenda items and draft United States positions to be discussed at the 24th Session of the Codex Committee on Food Import and Export Inspection and Certification Systems of the Codex Alimentarius Commission.

The public meeting is will be held Wednesday, September 26, from 2:00 p.m. to 4 p.m. ET at the Jamie L. Whitten Building, 1400 Independence Avenue SW, Room 107-A, Washington, DC. Webinar access is available.

LINKS:

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

International Wildlife Conservation Council; Public Meeting

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

Notice announcing a public meeting of the International Wildlife Conservation Council, which provides advice and recommendations to the Secretary of the Interior regarding the benefits that result from U.S. citizens traveling to foreign nations to engage in hunting.

The meeting will be held September 26, 2018 from 1 p.m. to 5 p.m. ET and September 27, 2018 from 8:30 a.m. to 5:30 p.m. ET at the U.S. Fish and Wildlife Service's Headquarters Building, 5275 Leesburg Pike, Falls Church, VA

LINKS:

[Federal Register](#)

Notice of Meeting of Advisory Committee on International Law

Department of State (State)

Weekly Funding Opportunities September 10, 2018

Notice announcing a meeting of the Department of State's Advisory Committee on International Law to include discussions on international law and contemporary issues in outer space, the role of economic security considerations in international and domestic trade law, international law and privacy in the context of data transfers, and the work of the International Law Commission.

The meeting will be held Thursday, September 27, 2018, from 9:30 a.m. to 5:00 p.m. ET at the George Washington University Law School, Michael K. Young Faculty Conference Center, 716 20th St. NW, 5th Floor, Washington, DC.

LINKS:

[Federal Register](#)

President's Advisory Council on Doing Business in Africa

Department of Commerce (Commerce), International Trade Administration (ITA)

Notice announcing a webinar meeting of the President's Advisory Council on Doing Business in Africa to hold the final meeting of its term to deliberate and consider adopting a report containing recommendations to the President on actions the United States Government could take to mitigate obstacles that U.S. companies face in doing business in Africa, as well as findings from the Council's Fact-Finding Trip to Ethiopia, Kenya, Côte d'Ivoire and Ghana, countries the Council identified as holding particular promise of business opportunities for U.S. companies. The recommendations in the Council's report may include updates to recommendations the Council previously adopted on for Ethiopia, Kenya, Côte d'Ivoire and Ghana, new recommendations that focus on those or other African countries, and recommendations that apply to the African region broadly.

The meeting will be held September 26, 2018, 9:30 a.m.-11:30 a.m. ET

LINKS:

[Federal Register](#), [Solicitation](#)

USAID/Malawi HIV Prevention Activities

United States Agency for International Development (USAID), Malawi USAID-Lilongwe

Notice seeking public comments from interested actors involved in the HIV prevention sector and requesting information, opinions, and recommendations on approaches for the implementation of proposed future activities in Malawi.

Responses are due October 6, 2018 at 4:00 p.m. Lilongwe time

LINKS:

[Grants.gov](#)

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces; Notice of Federal Advisory Committee Meeting

Department of Defense (Defense)

Notice announcing a meeting of the Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault to advise the Secretary of Defense on the investigation, prosecution, and defense

of allegations of rape, forcible sodomy, sexual assault, and other sexual misconduct involving members of the Armed Forces.

The meeting will be held September 7, 2018 from 11:00 a.m. to 1:00 p.m. ET at One Liberty Center, 875 N Randolph Street, Suite 150, Arlington, VA.

LINKS:

[Federal Register](#)

Neotropical Migratory Bird Conservation Act Grants

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

Notice seeking proposals for the conservation of Neotropical migratory birds throughout their range.

Proposals are due November 6, 2018. Approximately \$200,000 per award is available for a two-year project.

LINKS:

[Grants.gov](#)

The Educational Component of the National Cooperative Geologic Mapping Program

Department of the Interior (Interior)

Notice seeking applications to train the next generation of geologic mappers. National Cooperative Geologic Mapping Program (NCGMP) provides funds for undergraduate and graduate students in academic research projects that involve geologic mapping as a major component.

Applications are due November 6, 2018. EDMAP allows funding requests of up to \$17,500 for each graduate student primary mapper and \$10,000 for each undergraduate primary mapper per year.

LINKS:

[Grants.gov](#)

193rd Meeting of the Advisory Council on Employee Welfare and Pension Benefit Plans: Notice of Teleconference Meeting

Department of Labor (Labor)

Notice announcing a meeting of the Advisory Council on Employee Welfare and Pension Benefit Plans to discuss reports and recommendations for the Secretary of Labor on the issues of Evaluating the Department's Regulations and Guidance on Employee Retirement Income Security Act Bonding Requirements and Exploring Reform Considerations; and Lifetime Income Products as a Qualified Default Investment Alternative with a Focus on Decumulation and Rollovers.

The meeting will be held September 25, 2018 from 10:00 a.m. to 4:00 p.m. ET at the Department of Labor, 200 Constitution Avenue NW, Washington, DC.

LINKS:

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

Establishment of MCC Economic Advisory Council and Call for Nominations

Millennium Challenge Corporation (Millennium Challenge Corporation)

Notice requesting nominations for the newly-established Millennium Challenge Corporation Economic

Weekly Funding Opportunities September 10, 2018

Advisory Council. The Council will provide advice to MCC on issues related to growth and development in low and middle income countries including: New perspectives on economic development; Innovative approaches to growth analytics; Innovations in program and project evaluation; Applied microeconomics and cost-benefit analytics; Poverty and income dynamics; Social development and the economics of gender; and Other innovations in the field of development economics and evaluation.

Nominations are due on October 15, 2018 by 5:00 p.m. ET.

LINKS:

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

Federal Advisory Committee Act; Communications Security, Reliability, and Interoperability Council

Federal Communications Commission (FCC)

Notice announcing a meeting of the Communications Security, Reliability, and Interoperability Council with an agenda yet to be released.

The meeting will be held September 28, 2018 from 1:00 p.m. to 5:00 p.m. ET at the Federal Communications Commission, Room TW-C305, 445 12th Street SW, Washington, DC.

LINKS:

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

Office of Postsecondary Education; Call for Written Third-Party Comments

Department of Education (Education)

Notice seeking comments on specific accrediting agencies currently under review by the Secretary of Education. The agencies in question are the Accrediting Council for Continuing Education and Training; the American Veterinary Medical Association; the Council on Education for Public Health; and the Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges.

Comments are due by September 30, 2018.

LINKS:

[Federal Register](#)

Advisory Board for Exceptional Children

Department of the Interior (Interior), Bureau of Indian Affairs (BIA)

Notice announcing a meeting of the Advisory Board for Exceptional Children to discuss the requirements of the Individuals with Disabilities Education Act of 2004 for Indian children with disabilities.

The teleconference will be held September 22, 2018 from 8 a.m. to 5 p.m. MT. Call 1-888-417-0376, passcode 1509140.

LINKS:

[Federal Register](#)

Citizens Coinage Advisory Committee Public Meeting

Department of the Treasury (Treasury), United States Mint

Weekly Funding Opportunities September 10, 2018

Notice announcing a meeting of the Citizens Coinage Advisory Committee. Agenda items include: Review and discussion of candidate designs for the 2020 America the Beautiful Quarter honoring Weir Farm National Historic Site; candidate designs for the 2019 American Liberty High Relief 24k Gold Coin and Silver Medal; and candidate designs for the 2018 American Innovation \$1 Coin.

Applications are due September 27, 2018 from 10:00 a.m. to 3:30 p.m. ET at the Second Floor Conference Room, United States Mint, 801 9th Street NW, Washington, DC. Teleconference access is available.

LINKS:

[Federal Register](#)

Disability Advisory Committee

Federal Communications Commission (FCC)

Notice announcing a meeting of the Disability Advisory Committee to receive and consider reports and recommendations from its subcommittees... Agenda items include briefings from Commission staff on issues of interest to the Committee and may discuss topics of interest to the committee, including, but not limited to, matters concerning communications transitions, telecommunications relay services, emergency access, and video programming accessibility.

The meeting will be held October 3, 2018 at 9:00 a.m. ET at the Federal Communications Commission, 445 12th Street SW, Washington, DC.

LINKS:

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

Open Meeting of the Federal Advisory Committee on Insurance

Department of the Treasury (Treasury)

Notice announcing a meeting of the Treasury's Federal Advisory Committee on Insurance to discuss a number of issues, including public sector risk and risk transfer, and the activities and priorities of the Federal Insurance Office.

The meeting will be held on Tuesday, September 18, 2018, from 2:30-4:30 p.m. ET in the Cash Room, Department of the Treasury, 1500 Pennsylvania Avenue NW, Washington, DC.

LINKS:

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

HEALTH and MENTAL HEALTH

Enhance the National Department of Health's Coordination and Leadership on HIV and TB Programs in South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support the continuation and enhancement of the South African National Department of Health's work providing comprehensive HIV and TB prevention, care and treatment related services.

Weekly Funding Opportunities September 10, 2018

Applications are due October 30, 2018. Approximately \$90 million is available to fund one award for five years.

LINKS:

Grants.gov

Human Health Exposure Analysis Resource (Various Mechanisms)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to join a consortium that will provide the research community access to laboratory and statistical analyses to add or expand the inclusion of environmental exposures in their research and to make that data publicly available as a means to improve our knowledge of the comprehensive effects of environmental exposures on human health throughout the life course. Funding mechanisms are available for a coordinating center (solicitation), a data center (solicitation), and laboratories providing: a comprehensive suite of targeted analytical services for biological samples derived from extant or ongoing human health studies in the NIH extramural research community (solicitation); comprehensive measurement of the exposome using untargeted approaches (such as metabolomics using libraries enriched for environmental exposure biomarkers) for biological samples derived from extant or ongoing human health studies in the NIH extramural research community (solicitation); and comprehensive suite of analysis of environmental exposures in samples such as dust, soil, and drinking water related to the immediate environment of individuals and linked to health endpoints (solicitation).

Requested letters of intent are due September 29, 2018. Applications are due October 29, 2018. Award numbers and amounts vary by mechanism.

LINKS:

Grants.gov

Limited Competition for NIH-Industry Program: Discovering New Therapeutic Uses for Existing Molecules (U01) (Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications to test new therapeutic uses for experimental drugs or biologics across a broad range of human diseases in adult and pediatric populations.

Requested letters of intent are due 30 days prior to the due date. The number of awards is contingent upon NIH appropriations to support projects lasting up to three years, but 4 years will be considered if strongly justified.

LINKS:

Grants.gov, [Solicitation](#)

Maintain and Enrich Resource Infrastructure for Existing Environmental Epidemiology Cohorts (R24 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to support the maintenance of existing Environmental Epidemiology Cohorts and to enrich research infrastructure to improve scientific activities and resource sharing with the broader scientific communities.

Weekly Funding Opportunities September 10, 2018

Requested letters of intent are due 30 days before applications are due. Applications are due November 6, 2018; October 10, 2019; and October 9, 2020. Approximately \$2.5 million is available to fund five to six awards.

LINKS:

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

Optimizing Performance by Improving Quality (OPIQ) in HIV and HIV/TB Programs in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to improve performance of HIV and TB key indicators and programmatic areas by providing technical assistance using Quality Improvement methodologies to PEPFAR South Africa's implementing partners and the South African Government's National, Provincial, and District Departments of Health.

Applications are due October 30, 2018. Approximately \$2.5 million is available to fund two awards.

LINKS:

[Grants.gov](#)

Pre-application for the NIH-Industry Program: Discovering New Therapeutic Uses for Existing Molecules (X02 Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS)

Notice seeking pre-applications for projects that test new therapeutic uses for experimental drugs or biologics (Assets) across a broad range of human diseases in adult and pediatric populations.

Requested letters of intent are due 30 days prior to the application due date. Applications are due October 31 and April 29 through April 30, 2021.

LINKS:

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

Strengthening Combination Prevention and Testing Services among Inmates to Reduce HIV Infections and to Reduce Morbidity and Mortality in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications for innovative combination prevention interventions to address HIV risk and increase protective behaviors in South Africa among inmates, released individuals, and Department of Correctional Services staff accompanied by voluntary medical male circumcision, and HIV Testing Services

Applications are due October 30, 2018. Approximately \$5 million is available to fund one award.

LINKS:

[Grants.gov](#)

Strengthening Health System Capacity for the Use of Human Resources for Health Data for Implementing HIV Prevention, Care and Treatment Programs in the Republic of South Africa under the United States President's Emergency Plan for AIDS Relief (PEPFAR)

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

Weekly Funding Opportunities September 10, 2018

Notice seeking applications to support the design, development, and implementation of interoperable components of a Human Resources Information System that will provide high quality and timely data at national, provincial, district, and health facility levels to improve health workforce management and strategic planning within the South African National and Provincial Departments of Health.

Applications are due October 31, 2018. Approximately \$10 million is available for one award to support a project lasting up to five years.

LINKS:

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

Strengthening Strategic Information, Program Implementation and Capacity Building in order to Reduce Morbidity and Mortality in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications for the collection, generation, interpretation, and utilization of high-quality strategic information to measure the progress of the South Africa Government prevention and care and treatment programs towards 95/95/95 to attain HIV epidemic control. This information will strengthen and monitor programs in: general, high risk, and key populations.

Applications are due October 30, 2018. Approximately \$2.5 million is available.

LINKS:

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

Strengthening the Delivery of and Expanding Access to Quality Laboratory Services and Laboratory Safety in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications to strengthen the delivery of and expand access to quality laboratory services; enhance uptake of laboratory results by supporting the clinic-laboratory interface; improve laboratory safety, as well as bolster quality of point of care testing for HIV/TB and related infections in South Africa.

Applications are due October 30, 2018. Approximately \$8 million is available to fund one award.

LINKS:

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

Supporting the South African National AIDS Council Trust (SANAC Trust) in the Coordination, Management, and Monitoring of the Multi-Sectoral Implementation of the National Strategic Plan (NSP) under PEPFAR

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

Notice seeking applications for initiatives that increase capacity, improve skills, and develop and implement systems for the effective coordination, management, monitoring, and functioning of numerous multi-sectoral structures linked to the South African National AIDS Council Trust at the national and sub national levels, supporting the implementation of the National Strategic Plan which includes, but is not limited to, the reduction of new HIV infections to 88,000 by 2020.

Applications are due October 30, 2018. Approximately \$2.5 million is available to fund one award.

Weekly Funding Opportunities September 10, 2018

LINKS:

[Grants.gov](#)

Virtual Consortium for Translational/Transdisciplinary Environmental Research (ViCTER) (R01 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to investigate potential linkages between human health and one or more environmental stressor(s) using a collaborative investigator approach different institutions through a virtual consortium arrangement.

Requested letters of intent are due 30 days prior to the application due date. Applications are due December 3, 2018; December 2, 2019 and December 1, 2020 through December 2, 2020. Approximately \$2.5 million is available for up to four awards to support projects lasting up to three years.

LINKS:

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

National Toxicology Program Board of Scientific Counselors; Announcement of Meeting; Request for Comments

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice announcing a meeting of the National Toxicology Program Board of Scientific Counselors to discuss the strategic realignment of the program and updates on peer reviews. Public comments are being sought.

The meeting will be webcast on October 9, 2018 from 1:00 p.m. to 4:00 p.m. ET.

LINKS:

[Federal Register](#)

Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20 Clinical Trial Not Allowed)

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

Notice seeking applications for developing collaborative partnership between institutions serving underserved health disparity populations and underrepresented students (ISUPS) and NCI- designated Cancer Centers (or Cancer Centers with highly integrated cancer research programs). This FOA is designed to facilitate the planning and execution of focused collaborations in cancer-related research, research experience, and research education.

Requested letters of intent are due 30 days prior to the application due date. Applications are due November 14, 2018; November 13, 2019; and November 13, 2020.

LINKS:

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

Clean Air Act Advisory Committee (CAAAC): Notice of Meeting

Weekly Funding Opportunities September 10, 2018

Environmental Protection Agency (EPA)

Notice announcing a meeting of the Clean Air Act Advisory Committee with an agenda yet to be posted.

The meeting will be held September 26, 2018 from 1:00 p.m. to 5:30 p.m. and September 27 from 8:30 a.m. to 12:00 p.m. ET at the Holiday Inn Arlington at Ballston, 4610 Fairfax Drive, Arlington, VA.

LINKS:

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

National Advisory Council on Nurse Education and Practice; Notice of Public Meeting

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Advisory Council on Nurse Education and Practice to discuss areas where nursing can take the lead in the transition of the health care system to value-based care, to advance the development of its 15th annual report.

The meeting will be held September 26, 2018 from 9:00 a.m. to 4:00 p.m. and September 27 from 9:00 a.m. to 2:00 p.m. ET at 5600 Fishers Lane, Rockville, MD, and also virtually.

LINKS:

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

Modeling HIV Neuropathology Using Microglia from Human iPSC and Cerebral Organoids (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to study the cellular and molecular mechanisms delineating the neuropathophysiology of HIV-associated neurological disorders (HAND) in the setting of long-term combination antiretroviral therapy (cART) conditions using induced microglia and cerebral organoids generated from patient derived induced pluripotent stem cell (iPSC) lines.

Requested letters of intent are due November 18, 2018. Applications are due December 18, 2018. Approximately \$2.5 million is available to support seven awards.

LINKS:

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

Service Area Competition

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Bureau of Primary Health Care

Notice seeking applications to support community-based and patient-directed organizations that provide primary health care services to the Nation's medically underserved populations. Funds support efforts to ensure continued access to affordable, quality primary health care services for communities and vulnerable populations. Applicants must designate a service area, document an understanding of the need for primary health care services in the service area and propose a comprehensive plan to ensure the availability and accessibility of primary health care services to all individuals in the service area and target population, regardless of ability to pay.

Weekly Funding Opportunities September 10, 2018

Applications are due November 6, 2018. Approximately \$156.5 million is available to support one award.

LINKS:

[Grants.gov](#), [List of service areas](#)

U.S. - India Collaborative Vision Research Program (R01 Clinical Trial Not Allowed)

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

Notice seeking multiple principal investigator applications from United States and Indian institution as bilateral collaborative applications to advance science and technology research linked to understanding, preventing, and treating blinding eye diseases, visual disorders, and their complications.

Annual applications are due November 8, 2018 through November 9, 2020. The budget and number of awards are contingent upon NIH appropriations for projects lasting up to three years. Application budgets are limited to \$250,000 annual direct cost.

LINKS:

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

Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01 Clinical Trial Not Allowed)

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

Notice seeking applications to research cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial.

Requested letters of intent are due 30 days prior to the application due date. Applications are due February 11 and August 14, 2019; February 11 and August 11, 2020 through August 12, 2021. The budget and number of awards are contingent upon NIH appropriations for projects lasting up to five years.

LINKS:

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

Announcement of Intent to Establish the 2020 Dietary Guidelines Advisory Committee and Solicitation of Nominations for Membership

Department of Health and Human Services (HHS), United States Department of Agriculture (USDA)

Notice announcing an intent to establish a Dietary Guidelines Advisory Committee and invite nominations for the Committee. Expertise in human nutrition related to disease prevention and health promotion during different stages of life, such as pediatrics, obstetrics, and geriatrics, will be sought.

Nominations must be submitted by midnight ET on October 9, 2018.

LINKS:

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

Request for Nominations for Voting Members on a Public Advisory Committee; Technical Electronic Product Radiation Safety Standards Committee

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

Weekly Funding Opportunities September 10, 2018

Notice requesting nominations for members to serve on the Technical Electronic Product Radiation Safety Standards Committee. Nominees must be knowledgeable in the fields of science or engineering, applicable to electronic product radiation safety. Members will be invited to serve for overlapping terms of up to 4 years.

Nominations are accepted at any time, but those received by November 5, 2018 will be given first consideration.

LINKS:

[Federal Register](#)

Request for Nominations of Voting Members on a Public Advisory Committee; National Mammography Quality Assurance Advisory Committee

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

Notice seeking nominations for voting members to serve on the National Mammography Quality Assurance Advisory Committee in the Center for Devices and Radiological Health. Applicants must be physicians, practitioners, and other health professionals, whose clinical practice, research specialization, or professional expertise includes a significant focus on mammography.

Nominations are accepted at any time, but those received by November 5, 2018 will be given first consideration.

LINKS:

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

Solicitation of Nominations for Appointment to the World Trade Center Health Program Scientific/Technical Advisory Committee (STAC)

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

Notice announcing the Centers for Disease Control and Prevention is seeking nominations for membership on the World Trade Center (WTC) Health Program STAC with expertise in occupational medicine, pulmonary medicine, environmental medicine or environmental health, industrial hygiene, epidemiology, toxicology, and mental health to reviews scientific and medical evidence and makes recommendations regarding health conditions related to the September 11, 2001 terrorist attacks.

Mail nominations to NIOSH Docket 229-G, c/o Mia Wallace, Committee Management Specialist, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, 1600 Clifton Rd. NE, MS: E-20, Atlanta, Georgia 30333, or emailed (recommended) to nioshdocket@cdc.gov. All nominations are due November 16, 2018.

LINKS:

[Federal Register](#)

Surgeon General's Call to Community Health and Prosperity

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

Notice seeking comments on a soon-to-be published Call to Action that will be science-informed and actionable, outlining a conceptual framework with case examples and available evidence on the business case for investing in community health. The goal of the Call to Action is to: Clearly demonstrate that

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investments in community health have the potential to improve the health and prosperity of communities and issue a call to action to the private sector and local policy makers for investment in communities, unilaterally or as part of multi-sector or other consortium, to improve community health.

Comments are due before November 5, 2018.

LINKS:

[Federal Register](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Collaborative Research in Computational Neuroscience
National Science Foundation (NSF)

Notice seeking applications to support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Support is available on two tracks: collaborative research projects and data sharing.

Applications are due November 27, 2018. Approximately \$20 million is available for 25 awards to support projects lasting up to four years.

LINKS:

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

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)
National Science Foundation (NSF)

Notice seeking proposals designed to fulfill the mandate of the National Science Foundation (NSF) to promote scientific progress nationwide. RII Track-2 FEC builds interjurisdictional collaborative teams of EPSCoR investigators in scientific focus areas consistent with NSF priorities. Projects are investigator-driven and must include researchers from at least two RII- eligible jurisdictions with complementary expertise and resources necessary to tackle those projects, which neither party could address as well or rapidly alone.

Required letters of intent are due November 26, 2018. Proposals are due January 25, 2019. Up to \$7.5 million is available to support five awards in FY 2019. College and universities from Alabama, Alaska, Arkansas, Delaware, Guam, Hawaii, Idaho, Kansas, Kentucky, Louisiana, Maine, Mississippi, Montana, Nebraska, Nevada, New Hampshire, North Dakota, Oklahoma, Puerto Rico, Rhode Island, South Carolina, South Dakota, Vermont, US Virgin Islands, West Virginia, and Wyoming are eligible.

Limited Submission:

One proposal per organization

LINKS:

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

NSF/Intel Partnership on Foundational Microarchitecture Research
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF), Intel Labs University Collaboration Office

Notice seeking proposals to continue the trend of Moore's Law through microarchitectural research with the following characteristics: high IPC techniques ranging from microarchitecture to code generation; "microarchitecture turbo" techniques that marshal chip resources and system memory bandwidth

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to accelerate sequential or single-threaded programs; and techniques to support efficient compiler code generation.

Proposals are due November 28, 2018. Approximately \$2.5 million is available to fund five awards with a per-award ceiling of \$500,000.

LINKS:

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

Plant Biotic Interactions

Directorate for Biological Sciences (BIO), National Institute of Food and Agriculture (NIFA), National Science Foundation (NSF), United States Department of Agriculture (USDA)

Notice seeking proposals for research on the processes that mediate beneficial and antagonistic interactions between plants and their viral, bacterial, oomycete, fungal, plant, and invertebrate symbionts, pathogens and pests. This program supports projects focused on current and emerging model and non-model systems, and agriculturally relevant plants. The program's scope extends from fundamental mechanisms to translational efforts, with the latter seeking to put into agricultural practice insights gained from basic research on the mechanisms that govern plant biotic interactions.

Proposals are accepted at any time. Approximately \$18.5 million is available to fund 25 to 30 awards.

LINKS:

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

Meeting of the Advisory Committee on Reactor Safeguards

NRC (Nuclear Regulatory Commission)

Notice announcing a meeting of the Advisory Committee on Reactor Safeguards to discuss the subject draft rule, significant events at the currently operating nuclear power plants, NRC research projects, and recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee.

The meeting will be held October 4 - 5, 2018 from 8:30 a.m. to 6:00 p.m. at 11601 Landsdown Street, Conference Room 1C3 and 1C5, North Bethesda, MD.

LINKS:

[Federal Register](#)

BAA Ice Management for Vessel Oil Recovery Systems

Department of the Interior (Interior)

Notice seeking proposals to advance the state-of-the-art or increase knowledge in the development of a system to deflect ice in front of a vessel mounted side skimming system to enhance oil recovery by minimizing ice within the recovery area. This system will target ice coverage of 30% - 70%. A scaled prototype will be tested at the Ohmsett facility. This project will partner with the United States Coast Guard Research and Development Center and the Oil Spill Recovery Institute.

Proposals are due October 4, 2018. Approximately \$400,000 is available for this award.

LINKS:

[FBO](#)

Weekly Funding Opportunities September 10, 2018

Collections in Support of Biological Research

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals to provide for enhancements that secure and improve existing research collections, improve the accessibility of collection-related data, develop capacity for curation and collection management, and to transfer ownership of collections that are significant to the NSF BIO-funded research community.

Proposals are accepted anytime.

LINKS:

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

Cyberinfrastructure for Biological Research

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals that offer potentially transformative outcomes through the development of informatics tools and resources that (1) offer novel and significant advances in the use of biological data and/or (2) will enable and stimulate advances through their impact on a significant segment of the biological research community supported by the NSF BIO Directorate.

Proposals are accepted anytime.

LINKS:

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

Improvements to Biological Field Stations and Marine Laboratories

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals for off-campus facilities for research and education conducted in the natural habitats of terrestrial, freshwater, and marine ecosystems. FSMLs support environmental and basic biological research and education by preserving access to study areas and organisms, by providing facilities and equipment in close proximity to those study areas, and by fostering an atmosphere of mutual scientific interest and collaboration in research and education.

Proposals are accepted anytime.

LINKS:

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

Infrastructure Capacity for Biology

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals to support the development, expansion, or improvement of infrastructure that will enable fundamental research within the biological sciences. Infrastructure supported under this solicitation may include cyberinfrastructure, instrumentation, biological collections, living stocks, field stations, marine labs, or other resources that are shared and openly accessible.

Proposals are accepted anytime. Approximately \$40 million is available to support 50 to 80 awards.

Weekly Funding Opportunities September 10, 2018

LINKS:

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

Infrastructure Innovation for Biological Research

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals to support new and innovative research in biological informatics, instrumentation and associated methods, as well as multidisciplinary approaches to these broad themes that address needs in basic biological research. These awards support pioneering approaches that develop de novo infrastructure, significantly redesign existing infrastructure, or apply existing infrastructure in novel ways.

Proposals are accepted anytime. Approximately \$10 million is available to support 20 to 40 awards.

LINKS:

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

Innovative Rotor System Applied Technologies

Army (Army), Department of Defense (Defense)

Notice seeking proposals to develop electromechanical actuators and propeller/rotor technologies to support the next generation of unmanned aerial systems and future rotorcraft applications.

Proposals are due October 23, 2018. Approximately \$2.5 million is available to fund two awards.

LINKS:

[FBO](#)

Instrument Capacity for Biological Research

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Biological Infrastructure

Notice seeking proposals that specifically enable increased access to state of the art instrumentation in support of the biological sciences by (1) increasing access to a community of users through broadening of dissemination of such instrumentation, and (2) broadening access to state-of-the art instrumentation and facilities at a regional or national level.

Proposals are accepted anytime.

LINKS:

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

Polyplexus Pilot 2

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

Notice seeking applications for a pilot program designed to utilize modern connectivity to rapidly develop promising basic research pathways and then efficiently develop basic research proposals. Participants will pilot the online Polyplexus platform in an ongoing, expert conversation to promote new research ideas, which will then be eligible for possible DARPA funding.

Requests for participation in Polyplexus are currently being accepted. Proposal abstracts will be accepted until August 14, 2019. Proposals will be accepted until September 3, 2019. Approximately ten awards of \$100,000 are anticipated.

Weekly Funding Opportunities September 10, 2018

LINKS:

[Grants.gov](#), [FBO](#)

Use of the NASA Physical Sciences Informatics System - Appendix E National Aeronautics and Space Administration (NASA)

Notice seeking proposals from established researchers and graduate students to generate new scientific insights by utilizing experimental data residing in NASA's Physical Sciences Informatics (PSI) system (<http://psi.nasa.gov>), an online database of completed physical science reduced-gravity flight experiments conducted on the International Space Station (ISS), Space Shuttle flights, Free-flyers, or commercial cargo flights to and from the ISS, and related ground-based studies.

The solicitation will be available September 14, 2018. Proposals are due December 14, 2018. Five awards are anticipated.

LINKS:

[Grants.gov](#)

Generative Adversarial Networks for Automatic Whole Slide Imaging Dataset Expansion and Analysis National Institutes of Health (NIH), Department of Health and Human Services (HHS), Nation Library of Medicine (NLM)

Notice seeking quotations for professional services required to develop and evaluate novel automatic techniques for medical data set expansion using generative adversarial network technology with a goal toward generating training data for deep learning / artificial intelligence applications. For this work, the images of interest are sparsely and incompletely labeled whole slide tissue images from biopsies of the uterine cervix.

Applications are due September 11, 2018 at 5:00 p.m. ET.

LINKS:

[FBO](#)

Request for Nominations for the 2019 Clean Air Excellence Awards Program

Environmental Protection Agency (EPA)

Notice seeking nominations for the 2019 Clean Air Excellence Awards to recognize outstanding and innovative efforts that support progress in achieving clean air. There are five general award categories: Clean Air Technology; Community Action; Education/Outreach; State/Tribal/Local Air Quality Policy Innovations; and Transportation Efficiency Innovations. There are also two special awards categories: Thomas W. Zosel Outstanding Individual Achievement Award; and Gregg Cooke Visionary Program Award.

Nominations must be postmarked by November 2, 2018.

LINKS:

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

Crosscutting Activities in Materials Research National Science Foundation (NSF)

Notice seeking applications to coordinate and support crosscutting activities within the Division of Materials

Weekly Funding Opportunities September 10, 2018

Research-- and more broadly across NSF-- with an emphasis on diversity and inclusion, international cooperation, and education (including experiential learning at REU/RET Sites).

Proposals accepted year-round. Approximately \$68 million is available for over 1000 awards to support projects lasting up to three years.

LINKS:

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

Pipeline Safety: Meeting of the Voluntary Information-Sharing System Working Group

U.S. Department of Transportation (DOT), Pipeline and Hazardous Materials Safety Administration (PHMSA)

Notice announcing a meeting of the Voluntary Information-sharing System Working Group to discuss and identify recommendations to establish a voluntary information-sharing system.

The meeting will be held October 3 and November 9, 2018 from 8:30 a.m. to 5:00 p.m. at the U.S. Department of Transportation, 1200 New Jersey Ave. SE, Washington, DC. Members of the public must register to attend no later than September 26, 2018.

LINKS:

[Federal Register](#)