

UNO FOCUS

Education Opportunities in NASA STEM (EONS) FY2019 - Call for Peer Reviewers
NASA

NASA is seeking peer reviewers for the 'MUREP Aerospace High-Volume Manufacturing and Supply Chain Management' solicitation, a program element listed under Education Opportunities in NASA STEM 2019 (EONS-2019). Reviewers will be selected based on the subject matter of the proposals received; therefore, your willingness to participate in this particular peer review does not guarantee selection. If you are selected, you will be notified via email, with detailed instructions on the process.

Responses to the EONS Request for Reviewer Information must be submitted electronically using the "Notice of Intent (NOI)" module within the NSPIRES system. Responses are requested by August 14, 2019.

LINKS: [EONS-2019](#), [Register](#)

ARTS, HUMANITIES, and INTERNATIONAL

Building Capacity to Counter Violent Extremism in Mozambique
Department of State (State), Bureau of African Affairs

Notice seeking applications to build the capacity of Mozambican civil society organizations to counter violent extremism (CVE) and to build a network that will serve to educate and advocate for effective CVE strategies, interventions, and initiatives.

Questions are due August 14, 2019. Applications are due August 21, 2019. Approximately \$400,000 is available for one award to support a project lasting up 18 months. Applicants must demonstrate expertise with training in sensitive environments, preferably in regions prone to terrorist activity. Applicants should also demonstrate in-depth understanding of Mozambique's cultural context and governance structures.

Limited Submission: One per applicant organization

LINKS: [Grants.gov](#)

Arctic Youth Entrepreneurship
Department of State (State)

Notice seeking proposals for projects that increase the capacity of Arctic communities in the United States and Norway to address challenges common to both countries, contribute to greater prosperity in the region, and increase access to entrepreneurship and related educational opportunities for those who live there, particularly indigenous peoples and youth.

Applications are due September 27, 2019. Approximately \$24,000 is available for this program.

LINKS: [Grants.gov](#)

Enhancing Students' Understanding of their Rights in Bosnia and Herzegovina's Criminal Justice System through Mock Trials
Department of State (State)

Notice seeking proposals to build upon existing mock trial programs in four partner schools in Banja Luka and Sarajevo, allowing new students to participate in the program and further embedding the mock trial experience in these four high schools.

Applications are due August 30, 2019. Approximately \$215,000 is available for this program.

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

Expanding Media Literacy
Department of State (State)

Notice seeking proposals to increase media literacy in Norway by: co-hosting a regional seminar in the spring of 2020 on media literacy for journalists and government public affairs professionals with a public component; creating a set of online tools on media literacy to enable Norwegian audiences to better differentiate between fact-based information and disinformation, and to identify malign influence; and increasing coordination between U.S. and Norwegian institutions on issues related to malign influence and actions taken by government and non-government organizations in an effort to cause divisions in democratic societies.

Applications are due September 27, 2019. Approximately \$24,000 is available for this program.

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

Regional Model NATO
Department of State (State)

Notice seeking proposals to create a Model NATO simulation program for university-level students in Norway, with the aim of increasing knowledge of NATO, Norway's role as the Northern Flank, and related geo-political security issues among Norway's university students.

Applications are due September 27, 2019. Approximately \$45,000 is available for this program.

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

U.S. Governance Videos
Department of State (State)

Notice seeking proposals to create a YouTube show called "America: Watch the Facts!" for the Norwegian public targeting youth age 15-21. The aim of this project is to increase knowledge and understanding of the American system of governance and politics during the 2020 election cycle among Norwegian youth, including the functions of three branches of government, U.S. elections procedures, and related topics and history.

Applications are due September 27, 2019. Approximately \$35,000 is available for this program.

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

USAID Scholars Activity
United States Agency for International Development (USAID)

Notice seeking applications to help Egypt's development through creating a cadre of change agents and problem solvers who have an understanding, experience and appreciation of development and democratic processes and values. The activity will also nurture the students' leadership, cognitive and social skills to contribute to their holistic character development as employable individuals, change agents and future leaders.

Applications are due September 19, 2019. Approximately \$36 million is available to support one award in 10 years.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY 2020 RSVP Competition
Corporation for National and Community Service (CNCS)

Notice seeking applications to compete multiple geographic service areas to identify sponsoring organizations for RSVP programs. RSVP offers a diverse range of volunteer activities that serve communities to create measurable impact, benefit volunteers through the service experience, and create community capacity.

Applications are due September 25, 2019. Approximately \$21 million is available for multiple awards. This FOA requires cost sharing.

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

Household and Community Health and Health Systems Strengthening, Governance and Financing Activities
United States Agency for International Development (USAID)

Notice seeking applications to support activities designed to support Mali's journey to self-reliance by strengthening Malians' capacity to plan, manage and finance their own health and their health systems as a part of the Household and Community Health (HCH) and Health Systems Strengthening, Governance and Financing (HSS) Programs.

Applications are due September 6, 2019. Approximately \$99 million is available for two awards.

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

Laura Bush 21st Century Librarian Program
Institute of Museum and Library Services (IMLS)

Notice seeking applications to support developing a diverse workforce of librarians to better meet the changing learning and information needs of the American public by: enhancing the training and professional development of library and archives professionals, developing faculty and library leaders, and recruiting, educating, and retaining the next generation of library and archives professionals.

Required preliminary proposals are due September 27, 2019. Full proposals are by invitation only. Award amounts vary: Planning Grants: are up to \$100,000; National Forum Grants are up to \$150,000; Project Grants: up to \$1,000,000; and Research Grants are up to \$500,000.

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

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

Notice seeking proposals to support projects that enhance the quality of library and archive services nationwide by advancing theory and practice. Successful proposals will generate results such as new tools, research findings, models, services, practices, or alliances that will be widely used, adapted, scaled, or replicated to extend the benefits of federal investment. This work may be achieved through proposals at various stages of maturity (exploring, piloting, enhancing, or scaling).

Required preliminary proposals are due September 27, 2019. Full proposals are by invitation only. Awards vary: Planning Grants are up to \$100,000; National Forum Grants are up to \$150,000; and Project and Research Grants are up to \$1 million.

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

Notice of the August 27, 2019, Meeting of the National Park System Advisory Board
Department of the Interior (Interior), National Park Service (NPS)

Notice announcing a meeting scheduled to include remarks by the Secretary of the Interior and other senior U.S. Department of the Interior and National Park Service leaders as well as a public comment period.

The meeting will be held August 27, 2019 from 9:30 a.m. to 5:15 p.m., ET, at Stewart Lee Udall Department of the Interior Building, 1849 C Street NW, Washington, DC. Register with the contact to attend.

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

Contaminated Sites, Natural Disasters, Changing Environmental Conditions and Vulnerable Communities:
Research to Build Resilience
Environmental Protection Agency (EPA), Office of Research and Development (ORD)

Notice seeking applications to propose transdisciplinary research with an approach that integrates the following research questions: (1) How may certain natural disasters or changing environmental conditions cause specific chemical contaminants to migrate from certain contaminated or containment sites to nearby communities and pose elevated exposure risks to vulnerable groups, especially the elderly and/or children under the age of five years? (2) What are the major contributing factors or effect modifiers, in addition to the contaminants and natural disasters or changing environmental conditions, that may exacerbate the impacts to these vulnerable groups in impacted communities? and (3) How can scientific research results specifically help communities build better resilience against the problems and issues identified above?

Applications are due September 17, 2019. Approximately \$4 million is available to support five awards.

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

FY 2019 Citizenship and Assimilation Grant Program: Citizenship Instruction and Naturalization Application Services
Department of Homeland Security (Homeland Security)

Notice seeking proposals to expand the availability of high-quality citizenship preparation services for lawful permanent residents in communities across the nation and to provide opportunities for lawful permanent residents to gain the knowledge and training necessary to assimilate into the fabric of American society.

Applications are due August 13, 2019. Approximately \$9 million is available for this program.

LINKS: [Grants.gov](#)

Solicitation of Proposals for the National Rural Transit Assistance Program
U.S. Department of Transportation (DOT)

Notice seeking proposals to administer a National Rural Transit Assistance Program, which will carry out activities to design and implement training and technical assistance projects and other support services tailored to meet the specific needs of transit operators in rural areas, including Indian Country. Primary activities will include the development of information and materials for use by local operators and State administering agencies and supporting research and technical assistance projects of national interest.

Applications are due August 30, 2019. Approximately \$2,097,966 is available for one award.

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

National Construction Safety Team Advisory Committee Meeting
National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice announcing a meeting of the National Construction Safety Team (NCST) Advisory Committee for an update on the progress of the NCST technical investigation to study building failures and emergency response and evacuation during Hurricane Maria, which made landfall in the U.S. territory of Puerto Rico on September 20, 2017, and the implementation of recommendations from previous NCST investigations, including the Joplin tornado investigation.

The meeting will be held on September 6, 2019 from 8:30 a.m. to 5:00 p.m. ET at 100 Bureau Drive, Gaithersburg, MD.

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

HEALTH and MENTAL HEALTH

Central Coordinating Site for the Polycystic Kidney Disease Research and Translation Core Centers (U24 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking application to work with four Research and Translation Core Centers-- and serve as a national resource for the larger research community-- to address the overall goal of improving NIH's understanding of the pathogenesis, progression, prevention and clinical management of Polycystic Kidney Disease through enhanced sharing of resources and establishment of a robust research community.

Optional letters of intent are due October 21, 2019. Applications are due November 21, 2019. Approximately \$900,000 is available to support one Central Coordinating Site award for up to five years. This FOA is a companion announcement to the Polycystic Kidney Disease Research and Translation Core Centers (U54) announcement.

Limited Submission: Only one application per institution is allowed

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

Participant Engagement and Cancer Genome Sequencing (PE-CGS): Research Centers (U2C Clinical Trial Optional)

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

Notice seeking applications to join the Participant Engagement and Cancer Genome Sequencing Network (under the U2C Research Centers) to: 1) Promote and support research on direct participant engagement approaches; and 2) Use such approaches for rigorous cancer genome sequencing projects addressing important knowledge gaps in the genomic characterizations of tumors.

Applications are accepted through July 30, 2020. Approximately \$2.5 million is available.

LINKS: [Grants.gov](#)

Strategic Alliances for Medications Development to Treat Substance Use Disorders (R01-Clinical Trial Optional)

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

Notice seeking applications to support research that advances compounds towards FDA approval by leveraging NIDA funds with the strengths and resources of outside organizations, such as for-profit and not-for-profit entities, including academic institutions, pharmaceutical and biotechnology companies, private and public foundations, and small businesses. Applications from single entities that possess considerable resources for medications development will also be considered, provided the entity demonstrates a significant resource commitment to the proposed project. Project aims can range from the development of a new molecular entity to the expansion of an existing medication's clinical indication(s).

Optional letters of intent are due 30 days prior to submission. Applications will be accepted on a rolling basis, beginning on August 26, 2019. Awards are up to \$3 million.

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

Catalyst Award in Diabetes, Endocrinology and Metabolic Diseases (DP1 Clinical Trial Not Allowed)

FON:

RFA-DK-19-014

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

Notice seeking applications designed to complement NIDDK's traditional, investigator-initiated grant programs by supporting individual scientists who propose pioneering and transformational studies in DEMD topic areas. Applications should be focused on major scientific challenges and have the potential to produce an unusually high impact on diseases and conditions that are central to the mission of NIDDK's Division of Diabetes, Endocrinology and Metabolic Diseases.

Optional letters of intent are due November 3, 2019. Applications are due December 3, 2019. Approximately \$1.6 million is available to support two awards.

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

Clinical Characterization of Cancer Therapy-induced Adverse Sequelae and Mechanism-based Interventional Strategies (R01 Clinical Trial Optional)

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

Notice seeking proposals for collaborative research projects designed to address adverse sequelae of cancer therapies that persist and become chronic comorbidities or develop as delayed posttreatment effects.

Optional letters of intent are due 30 days before the application. Applications are due February 11 and September 30 annually through 2022.

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

DoD Chronic Pain Management Research Program, Investigator-Initiated Research Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support studies that have the potential to make significant advances in research, patient care, and/or quality of life in the FY19 CPMRP IIRA Focus Area, Chronification of Pain. Through understanding the determinates of transition from acute to chronic pain and development of therapies that block the process of chronification, the CPMRP seeks to prevent the manifestation of chronic pain and thus reduce the population requiring pain management interventions.

Required pre-applications are due September 13, 2019. Applications are due December 6, 2019. Approximately \$4.32 million is available to support three awards.

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

DoD Chronic Pain Management Research Program, Translational Research Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support translational research that will accelerate the movement of evidence-based ideas in chronic pain management research into clinical applications, including healthcare products, technologies, and/or clinical practice guidelines. TRA applications should explain how the proposed work will inform the development, refinement, and/or revision of existing standards of care, recommendations, or guidelines for managing chronic pain.

Required pre-applications are due September 13, 2019. Applications are due December 6, 2019. Approximately \$4.48 million is available to support two awards.

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

Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the FOA is to understand the consequences of natural and human-made disasters, emerging environmental public health threats, and policy changes in the U.S. and abroad.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 1, 2019; December 2, 2019; January 2, 2020; February 3, 2020; March 2, 2020; April 1, 2020; May 1, 2020; June 1, 2020; July 1, 2020; August 3, 2020; September 1, 2020; October 1, 2020; November 2, 2020; December 1, 2020; January 4, 2021; February 1, 2021; March 1, 2021; April 1, 2021; May 3, 2021; June 1, 2021; July 1, 2021; August 2, 2021; September 1, 2021; October 1, 2021; November 1, 2021; December 1, 2021; January 3, 2022; February 1, 2022; March 1, 2022; April 1, 2022; May 2, 2022; June 1, 2022; July 1, 2022; August 1, 2022; September 1, 2022; and October 3, 2022. Approximately \$800,000 is available to support four to five awards per year.

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

NIDDK Central Repositories Non-renewable Sample Access (X01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to allow investigators to apply for access to non-renewable samples from one or more of these studies. Information about the samples available can be found at <https://repository.niddk.nih.gov>. Applicants must provide a report from the NIDDK Central Repositories documenting sample availability.

Optional letters of intent are due 30 days prior to application due date. Applications are due October 31, 2019; March 3, 2020; June 30, 2020, October 27, 2020; March 2, 2021; June 29, 2021; October 26, 2021; March 1, 2022; and June 28, 2022.

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

Palliative Care in Home and Community Settings (R21 and R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to stimulate research aimed at determining needs and best practices for the integration of palliative care into home and community settings. Home and community in this FOA refer to the place where an individual resides or lives.

R21 applications are due annually on February 16, June 16, and October 16; and R01 applications are due annually on February 5, June 5, and October 5 through September 8, 2022.

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

Participant Engagement and Cancer Genome Sequencing (PE-CGS): Coordinating Center (U24 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to create a U24 Coordinating Center to promote and support research on direct participant engagement approaches; and Use such approaches for rigorous cancer genome sequencing projects addressing important knowledge gaps in the genomic characterizations of tumors in areas such as, but not limited to: Rare cancers or rare cancer subsets; Highly lethal cancers; Cancers with an early age of onset; Cancers with high disparities in incidence and/or mortality; or Cancers in understudied populations.

Optional letters of intent are due 30 days before the application. Applications are due October 30, 2019 and July 30, 2020. Approximately \$500,000 is available to fund one award.

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

Reducing Stigma to Improve HIV and AIDS Prevention, Treatment and Care in Low- and Middle-Income Countries (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to stimulate research on interventions to reduce HIV/AIDS-associated stigma and its impact on the prevention and treatment of HIV/AIDS and on the quality of life of People Living with HIV/AIDS (PLWH).

Optional letters of intent are due October 12, 2019 and October 12, 2020. AIDS applications are due November 12, 2019 and November 12, 2020.

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

US Children with Perinatal HIV who were Born Internationally (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to stimulate research on an area of emerging public health significance and improve understanding of the natural history, epidemiology, diagnosis and management of HIV and co-morbid conditions among US children who were born internationally and acquired HIV from their mothers.

Optional letters of intent are due 30 days prior to application due date. Applications are due November 14, 2019. Approximately \$1.2 million is available to support three awards.

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

Meeting of the Advisory Council on Blood Stem Cell Transplantation
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Council on Blood Stem Cell Transplantation to discuss issues related to utilization of cord blood for transplant and utilization of blood stem cells in cellular therapies.

The meeting will be held via webinar on September 10, 2019 from 10:00 a.m. to 4:00 p.m. ET.

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

Request for Information: Ensuring Patient Access and Effective Drug Enforcement
Department of Health and Human Services (HHS)

Notice requesting information and comment on ensuring legitimate access to controlled substances, including opioids, while also preventing diversion and abuse, as well as how federal, state, local, and tribal entities can collaborate to address these issues.

Responses are due August 29, 2019.

LINKS: [Federal Register](#)

Solicitation of Nomination for Appointment to the National Research Advisory Council
Department of Veterans Affairs (VA)

Notice seeking nominations to the Department of Veterans Affairs National Research Advisory Council, whose mission is to advise and make recommendations on the nature and scope of research and development sponsored and/or conducted by the Veterans Health Administration, and to provide rapid response to changing health care needs, while maintaining the stability of the research infrastructure.

Nominations must be submitted by September 15, 2019.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Advancing Toxicokinetics for Efficient and Robust Chemical Evaluations
Environmental Protection Agency (EPA)

Notice seeking applications proposing to advance the development of chemical toxicokinetic tools and approaches for broader applicability during chemical evaluations, with an emphasis on their application within new approach methodology (NAM) frameworks. Toxicokinetics describes the absorption, distribution, metabolism, and excretion of chemicals and their metabolites by the body, and as such provides a framework for extrapolating in vivo doses of concern from in vitro-derived concentrations that cause perturbations at the cellular or molecular level. The incorporation of new methods, tools and approaches can simultaneously improve predictivity, reduce uncertainty and build confidence in the successful application of such extrapolations.

Applications are due September 10, 2019. Approximately \$4 million is available for five awards.

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

FY 20 and FY21 SBIR Phase I RFA
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications for SBIR Phase I projects dealing with agriculturally related manufacturing, and alternative and renewable energy technologies. The USDA SBIR Program funds early or "seed" stage

research and development that has a commercial potential. The program provides equity-free funding and entrepreneurial support at the earliest stages of company and technology development.

Applications are due October 23, 2019 and October 1, 2020. Awards are up to \$100,000 for a Phase I project.

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

Operationalizing Machine Learning for Command and Control (OpML C2)
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking white paper proposals to identify, develop, and evaluate novel applications of artificial intelligence and machine learning to support operational aspects of command and control.

White papers are accepted on a rolling basis until September 30, 2022. Approximately \$24.9 million is available for awards typically ranging from \$300,000 to \$1 million to support projects lasting up to 24 months.

LINKS: [FBO](#)

Solar Energy Innovation Network - Round 2 Solicitation - Topics: Solar in Rural Communities and Commercial-Scale Solar
Federal Laboratories (Federal Laboratories), Department of Energy (Energy), National Renewable Energy Laboratory (NREL)

Notice seeking proposals to address one of the two topics, (Solar in Rural Communities and Commercial-Scale Solar) as part of an Innovation Network team. Each Innovation Network team brings together stakeholders to develop solutions that explore new approaches to solar market barriers, reduce integration risks, and increase market opportunities-with the support of the nation's premier energy research organizations. Insights gained from these collaborations will inform foundational solar research and development pathways and allow for testing of new business models and technology solutions.

Proposals are due September 4, 2019. Awards of up to \$125,000 are available to support projects that last up to 15 months.

LINKS: [FBO](#)

Advisory Committee for Mathematical and Physical Sciences; Notice of Meeting
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice announcing a virtual meeting to provide advice, recommendations and counsel on major goals and policies pertaining to MPS programs and activities. The Agenda is scheduled to include reports of the NSF Physics Frontiers Centers and the NSF Committee of Visitors and additional program updates.

The virtual meeting will be held August 23, 2019 from 1:00 p.m. to 4:00 p.m., ET. Call the contact for information on how to take part.

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

Microelectronic Authenticity and Security, Evaluation and Research
Department of Defense (Defense), Defense Microelectronics Activity (DMEA)

Notice seeking capability statements for addressing, performing research, and summarizing the current status of microelectronic authenticity and security challenges and solutions.

Capability statements are due August 5, 2019.

LINKS: [FBO](#)

Request for Information: Planning and Operation Models and Data Analytics for Solar Grid Integration
Department of Energy (Energy), Golden Field Office

Notice announcing the U.S. Department of Energy Solar Energy Technologies Office seeks feedback from organizations related to the SETO's strategic plan on research linked to the integration of distributed solar energy resources (modeling, monitoring, predicting, and controlling of solar photovoltaic systems).

Responses must be submitted to: SETO.RFI.SI@ee.doe.gov no later than 12:00pm (ET) on August 30, 2019.

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

Research, Development and Engineering Support for Specialized Aerospace Systems
Navy (Navy), Department of Defense (Defense), Office of Naval Research (ONR)

Notice seeking capability statements to provide specialized aerospace system expertise, along with engineering and technical support, travel, and materials. Support is also sought for mechanical, structural, aerodynamic, thermal, propulsive, electronic, optical, and robotic development; the acquisition of related advanced hardware, components, and software development; along with integration and test of advanced systems on designated terrestrial, space, and launch systems.

Capability statements are due August 16, 2019.

LINKS: [FBO](#)

FY20-21 CRCP International Coral Reef Conservation Grants and Cooperative Agreements
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals supporting coral reef conservation programs using a resilience-based management approach, focused on conservation that supports the ability of corals to withstand and recover from stress.

Applications are due January 7, 2020. Multiple awards are anticipated with a per-award ceiling of \$950,000. Fifty percent matching is required.

LINKS: [Grants.gov](#)

National Space Grant College and Fellowship Program - Opportunities in NASA STEM FY 2020 – 2024
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to define a comprehensive consortium program devoted to increasing student and youth's understanding of space and aeronautics and to executing the assessment, development, and utilization of resources to bolster the STEM pipeline for aerospace.

Proposals are due September 13, 2019. Approximately 2.76 million is available to support 52 awards for four years.

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

NSF Intel Partnership on Machine Learning for Wireless Networking Systems

Directorate for Computer & Information Science & Engineering (CISE), Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals to accelerate fundamental, broad-based research on wireless-specific machine learning techniques, towards a new wireless system and architecture design, which can dynamically access shared spectrum, efficiently operate with limited radio and network resources, and scale to address the diverse and stringent quality-of-service requirements of future wireless applications.

Proposals are due October 29, 2019. Approximately ten to fifteen awards of up to \$1.5 million are available.

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

Research on the Use of Autonomy and Unmanned Vehicles in Support of USAF Operations
Department of Defense (Defense)

Notice seeking proposals on fundamental research that can lead to the development of new novel pedagogical approaches to Artificial Intelligence and Autonomous Systems (AI/AS) education. Research areas should fall within autonomy and AI to include algorithms and techniques for such, as well as researching educational best practices, techniques and pedagogical approaches.

White papers are due August 30, 2019. Approximately \$420,000 is available is available to support one award.

LINKS: [Grants.gov](#)

Space Technology Advanced Research (STAR)
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking white papers and proposals through Two-Step Process to perform research and development (R&D), modeling and simulation (M&S), fabrication, experimentation, characterization, testing, demonstration, prototyping, and analysis related to all aspects of space-flight systems, including space flight, on-orbit servicing, debris management, controlled reentry, associated ground systems, communications links, command and control, advanced spacecraft manufacturing technologies, and space system user equipment.

Required white papers are due anytime. The total estimated program value is unspecified with multiple awards ranging from \$50,000 to \$100 million.

LINKS: [FBO](#)

Notice of Workshop on Artificial Intelligence & Wireless Spectrum: Opportunities and Challenges
National Science Foundation (NSF)

This workshop will focus on the opportunities and challenges posed by the application of existing and new Artificial Intelligence (AI) techniques in the wireless spectrum context.

The workshop will take place on August 28 from 9:00 a.m. to 5:00 p.m. (ET) and August 29, from 8:30 a.m. to 12:30 p.m. (ET), at the Griffiss Institute Center for Information Assurance, Rome, NY.

LINKS: [Federal Register](#)