****

*Presented by* 

**RFIs, Meeting Notices, Proposers/Industry Days, Nominations**

**UC-FGR**

**October 5, 2020**

**Table of Contents**

**Meetings, Workshops and Proposers Days**

Department of Defense

US Special Operations Command

* Rapid Capability Assessment

Department of the Navy

* Information Warfare Research Project (IWRP) Quarterly Industry Day Topics

Department of Energy

Office of Science

* National Quantum Initiative Advisory Committee

Department of Health and Human Services

Health Resources and Services Administration

* Meeting of the CDC/HRSA Advisory Committee on HIV, Viral Hepatitis and STD Prevention and Treatment

National Institutes of Health

* 2020 NIH Virtual Seminar on Program Funding and Grants Administration
* Office of the Director - Office of AIDS Research Advisory Council Notice of Meeting
* National Cancer Institute; Notice of Meetings

Department of Interior

US Geological Survey

* Public Meeting of the National Geospatial Advisory Committee

National Aeronautics and Space Administration

* NASA Astrophysics Advisory Committee; Meeting

National Science Foundation

* Advisory Committee for Education and Human Resources Notice of Meeting
* Advisory Committee for Biological Sciences; Notice of Meeting

**Requests for Information**

Department of Defense

Department of the Air Force

* Headquarters Space Force Enterprise Solutions Directorate - Operations Capabilities
* Air Force Research Library - TOWARD AN ELASTIC FORCE DEPLOYMENT FRAMEWORK

Department of the Army

* Joint Artificial Intelligence Center Automated Business Process Platform – RFI
* Joint Artificial Intelligence Center Trusted Ecosystem Partners - Technology Accelerators, Venture Capital, Consortiums, and Think Tanks - RFI
* USMRAA - Urine Biochemistry Analysis Services U. S. Army Research Institute of Environmental Medicine

U.S. Agency for International Development

* Pre-NOFO-Notice FTF Horticulture IL

**Broad Agency Announcements**

Department of Commerce

* FY2021 to FY2023 NOAA Broad Agency Announcement (BAA)

Department of Defense

Department of the Air Force

* Air Force Research Lab - Aerospace Systems Technology Research & Assessment (ASTRA)

Department of the Army

* Army Medical Research and Development Command (USAMRDC) - xTech Brain Operant Learning Technology – xTechBOLT – prize competition

Defense Advanced Research Projects Agency

* Quantum Apertures
* Microsystems Technology Office - Fast Event-based Neuromorphic Camera and Electronics (FENCE)
* Defense Sciences Office - Young Faculty Award (YFA)

Defense Threat Reduction Agency

* Testable Hardware Toolkit (THTk) Modernization & Improvements

**Nominations**

Department of Commerce

* National Institute of Standards and Technology - Establishment of the Civilian Innovation Advisory Board and Call for Nominations

Millennium Challenge Corporation

Renewal of the MCC Economic Advisory Council and Call for Nominations

**Grants over $5 Million**

National Science Foundation

* Division of Environmental Biology

**Meetings, Workshops and Proposers Days**

**Department of Defense – US Special Operations Command - Rapid Capability Assessment**

**Virtual Meeting Date: November 3-5, 2020**

***Purpose:*** *The 2018 National Defense Strategy and most recent SOF Capabilities and Programming Guidance have emphasized the criticality of AI as a SOF enabler for the Future Operating Environment (FOE). While the software industry has made advances in AI for corporate and consumer users, when it comes to critical Special Operations warfighting functions such as Maritime Maneuver, ISR, C2 and Effects, we need to ensure that this future intelligence powering our military capability is not simply artificial, but is firmly grounded in reality. This event will be on refining design concepts developed from Innovative Foundry 6.0 which was held September 1-3, 2020. The evet will influence the IF/RCA Concept Development Package (White Paper, Video, ROI package).*

***Contact:*** *Ronald Reed* [*ronald.reed1@socom.mil*](mailto:ronald.reed1@socom.mil) *Phone Number8138262732*

[*https://libertyallianceus.com/events.html*](https://libertyallianceus.com/events.html)

**Department of Defense – Department of the Navy - Information Warfare Research Project (IWRP) Quarterly Industry Day Topics**

**Meeting Date: October 13 and 15, 2020**

***Purpose:*** *Naval Information Warfare Systems Command (NAVWAR), Naval Information Warfare Center Atlantic and Naval Information Warfare Center Pacific would like to announce an Information Warfare Research Project (IWRP) Consortium Virtual Quarterly Industry Day to be held virtually, on Tuesday, 13 October and Thursday 15 October 2020. The event will include briefings on the IWRP, Consortium Operations, presentation of Technical Briefs, and one-on-one break-out teleconferences. Technical briefs presented during the IWRP Consortium Quarterly Industry Day will include thirteen (13) topics listed on the link. It is anticipated that the topics will be the basis of upcoming Request for Prototype Projects (RPP) to IWRP Consortium Members or are a Pre-Solicitation Collaboration (PSC). This is not a Request for Prototype Projects, but for planning purposes only. A project will not be awarded from this announcement. In order to obtain more information regarding the below projects, you must be a member of the IWRP Consortium. For more information on becoming an IWRP consortium member, please visit https://www.theiwrp.org. The purpose of this announcement is to provide members of the IWRP Consortium, and industry in general, advanced notification of Government intent.*

***Contact:***  *Lisa Rosenbaum* [*lisa.rosenbaum@navy.mil*](mailto:lisa.rosenbaum@navy.mil)

[*https://beta.sam.gov/opp/54a8f8c6ef6e4dd284a93eb403c9ec21/view*](https://beta.sam.gov/opp/54a8f8c6ef6e4dd284a93eb403c9ec21/view)

**Department of Energy – Office of Science - National Quantum Initiative Advisory Committee**

**Meeting Date: October 27, 2020**

***Purpose:*** *he NQIAC has been established to provide advice and guidance on a continuing basis to the President, the Secretary of Energy, and the National Science and Technology Council Subcommittee on Quantum Information Science (QIS), the National Quantum Initiative (NQI) program, and on trends and developments in quantum information science and technology, in accordance with the National Quantum Initiative Act (Pub. L. 115-368) and Executive Order 13885.*

***Contact:***  *Karen Talamini, (301) 903-4563, or email:* [*NQIAC@science.doe.gov*](mailto:NQIAC@science.doe.gov)*.*

[*https://www.federalregister.gov/documents/2020/10/05/2020-21934/national-quantum-initiative-advisory-committee*](https://www.federalregister.gov/documents/2020/10/05/2020-21934/national-quantum-initiative-advisory-committee)

**Department of Health and Human Services – Health Resources and Services Administration - Meeting of the CDC/HRSA Advisory Committee on HIV, Viral Hepatitis and STD Prevention and Treatment**

**Virtual Meeting Date: November 5-6, 2020**

***Purpose:*** *The purpose of CHAC is to advise the Secretary, HHS; the Director, CDC; and the Administrator, HRSA regarding objectives, strategies, policies, and priorities for HIV, viral hepatitis, and other STDs; prevention and treatment efforts including surveillance of HIV infection, viral hepatitis, and other STDs, and related behaviors; epidemiologic, behavioral, health services, and laboratory research on HIV, viral hepatitis, and other STDs; identification of policy issues related to HIV/viral hepatitis/STD professional education, patient healthcare delivery, and prevention services; agency policies about prevention of HIV, viral hepatitis and other STDs; treatment, healthcare delivery, and research and training; strategic issues influencing the ability of CDC and HRSA to fulfill their missions of providing prevention and treatment services; programmatic efforts to prevent and treat HIV, viral hepatitis, and other STDs; and support to the agencies in their development of responses to emerging health needs related to HIV, viral hepatitis, and other STDs.*

***Contact:*** *Theresa Jumento, Senior Public Health Advisor, HIV/AIDS Bureau, HRSA, 5600 Fishers Lane, Rockville, Maryland 20857; 301-443-5807; or* [*CHACAdvisoryComm@hrsa.gov*](mailto:CHACAdvisoryComm@hrsa.gov)*.*

[*https://www.federalregister.gov/documents/2020/09/29/2020-20943/meeting-of-the-cdchrsa-advisory-committee-on-hiv-viral-hepatitis-and-std-prevention-and-treatment*](https://www.federalregister.gov/documents/2020/09/29/2020-20943/meeting-of-the-cdchrsa-advisory-committee-on-hiv-viral-hepatitis-and-std-prevention-and-treatment)

**Department of Health and Human Services – National Institutes of Health - 2020 NIH Virtual Seminar on Program Funding and Grants Administration**

**Virtual Meeting Date: October 27-30, 2020**

***Purpose:*** *Attention research administrators, investigators, grant writers, and others working with the NIH grants process, programs, and policies. We are announcing the fall 2020 NIH Virtual Seminar on Program Funding and Grants Administration to be held Tuesday, Oct. 27–Friday, Oct. 30.*

*The 2020 NIH Virtual Seminar on Program Funding and Grants Administration is especially valuable for those new to the grants process, including sponsored project officers and departmental administrators, investigators, faculty, graduate students, postdocs and others involved in the NIH grants process. The NIH Grants Process track provides the fundamentals, while the Grants Policies and Programs track and the Let’s Talk About It track have something for everyone.*

***Contact:***[*NIHRegionalSeminars@mail.nih.gov*](mailto:NIHRegionalSeminars@mail.nih.gov)

[*https://nihvirtualseminar2020.vfairs.com/*](https://nihvirtualseminar2020.vfairs.com/)

**Department of Health and Human Services – National Institutes of Health - Office of the Director - Office of AIDS Research Advisory Council Notice of Meeting**

**Virtual Meeting Date: October 29, 2020**

***Purpose:*** *Agenda: OAR Director's Report; updates from the HIV Antiretroviral and Opportunistic Infections Guidelines Working Groups of OARAC ; discussion of the transition from AIDSinfo.gov to HIVinfo.nih.gov; updates from the COVID-19 and HIV taskforce; presentation and report regarding OAR listening sessions to date; updates from NIH HIV-related advisory councils and public comment.*

***Contact:*** *Mary T. Glenshaw, Ph.D., MPH, Senior Science Advisor, Office of AIDS Research, National Institutes of Health, 5601 Fishers Lane, Room 2E40, Rockville, MD 20850,* [*mary.glenshaw@nih.gov*](mailto:mary.glenshaw@nih.gov)*.*

[*https://www.federalregister.gov/documents/2020/10/05/2020-21943/office-of-the-director-national-institutes-of-health-notice-of-meeting*](https://www.federalregister.gov/documents/2020/10/05/2020-21943/office-of-the-director-national-institutes-of-health-notice-of-meeting)

**Department of Health and Human Services – National Institutes of Health - National Cancer Institute; Notice of Meetings**

**Virtual Meeting Dates: November 2,4 9, 10, 16 and 18, 2020**

***Purpose:*** *Agenda: Improving Resilience and Equity in Cancer Screening: Lessons from COVID-19 and Beyond. See link.*

***Contact:*** *Maureen R. Johnson, Ph.D., Executive Secretary, President's Cancer Panel, Special Assistant to the Director, National Cancer Institute, NIH, 31 Center Drive, Room 11A48 MSC 2590, Bethesda, MD 20892, 240-781-3327,* [*johnsonr@mail.nih.gov*](mailto:johnsonr@mail.nih.gov)*.*

[*https://www.federalregister.gov/documents/2020/09/29/2020-21401/national-cancer-institute-notice-of-meetings*](https://www.federalregister.gov/documents/2020/09/29/2020-21401/national-cancer-institute-notice-of-meetings)

**Department of Interior – US Geological Survey - Public Meeting of the National Geospatial Advisory Committee**

**Webinar Date: October 27-28, 2020**

***Purpose:*** *The NGAC provides advice and recommendations related to management of Federal and national geospatial programs, the development of the National Spatial Data Infrastructure, and the implementation of the Geospatial Data Act of 2018 and Office of Management Start Printed Page 61028and Budget Circular A-16. The NGAC reviews and comments on geospatial policy and management issues and provides a forum to convey views representative of non-federal stakeholders in the geospatial community. The NGAC meeting is one of the primary ways that the FGDC collaborates with its broad network of partners. Additional information about the NGAC meeting is available at: www.fgdc.gov/​ngac.*

***Contact:***  *Mr. John Mahoney, Federal Geographic Data Committee, U.S. Geological Survey, 909 First Avenue, Suite 800, Seattle, WA 98104; by email at jmahoney@usgs.gov; or by telephone at (206) 220-4621.*

[*https://www.federalregister.gov/documents/2020/09/29/2020-21412/public-meeting-of-the-national-geospatial-advisory-committee*](https://www.federalregister.gov/documents/2020/09/29/2020-21412/public-meeting-of-the-national-geospatial-advisory-committee)

**National Aeronautics and Space Administration - NASA Astrophysics Advisory Committee; Meeting**

**WebEx Meeting Date: October 19-21, 2020**

***Purpose:*** *In accordance with the Federal Advisory Committee Act, the National Aeronautics and Space Administration (NASA) announces a meeting of the Astrophysics Advisory Committee. This Committee reports to the Director, Astrophysics Division, Science Mission Directorate, NASA Headquarters. The meeting will be held for the purpose of soliciting, from the scientific community and other persons, scientific and technical information relevant to program planning.*

***Contact:***  *Ms. KarShelia Henderson, Science Mission Directorate, NASA Headquarters, Washington, DC 20546, (202) 358-2355 or* [*khenderson@nasa.gov*](mailto:khenderson@nasa.gov)

[*https://www.federalregister.gov/documents/2020/09/29/2020-21428/nasa-astrophysics-advisory-committee-meeting*](https://www.federalregister.gov/documents/2020/09/29/2020-21428/nasa-astrophysics-advisory-committee-meeting)

**National Science Foundation - Advisory Committee for Education and Human Resources Notice of Meeting**

**Meeting Date: October 28-29, 2020**

***Purpose:*** *To provide advice with respect to the Foundation's science, technology, engineering, and mathematics (STEM) education and human resources programming.*

***Contact:***  *Keaven M. Stevenson, National Science Foundation, 2415 Eisenhower Avenue, Room C11001, Alexandria, VA 22314; (703) 292-8600/kstevens@nsf.gov.*

[*https://www.federalregister.gov/documents/2020/10/01/2020-21665/advisory-committee-for-education-and-human-resources-notice-of-meeting*](https://www.federalregister.gov/documents/2020/10/01/2020-21665/advisory-committee-for-education-and-human-resources-notice-of-meeting)

**National Science Foundation - Advisory Committee for Biological Sciences; Notice of Meeting**

**Meeting Date: October 29-30, 2020**

***Purpose:*** *The Advisory Committee for the Directorate for Biological Sciences (BIO) provides advice, recommendations, and oversight concerning major program emphases, directions, and goals for the research-related activities of the divisions that make up BIO.*

***Contact:*** *Karen Cone, National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314; Telephone: (703) 292-8400.*

[*https://www.federalregister.gov/documents/2020/10/02/2020-21852/advisory-committee-for-biological-sciences-notice-of-meeting*](https://www.federalregister.gov/documents/2020/10/02/2020-21852/advisory-committee-for-biological-sciences-notice-of-meeting)

**Requests for Information**

**Department of Defense – Department of the Air Force - Headquarters Space Force Enterprise Solutions Directorate - Operations Capabilities II**

**Response Date: October 16, 2020**

**Funding Opportunity Number: OPSCAPII**

***Purpose****: The professional services identified in this DRAFT PWS include providing survivability and vulnerability determination strategies for Air and Space Force operations essential for the success of the missions in the strategic, operational and tactical levels of war. Support efforts shall comprise threat assessments, requirements development, operational training, studies and mission analyses; Planning, Programming, Budgeting, and Execution (PPBE) analyses; civilian personnel management support, concept development, integration analysis, policy and doctrine analysis; operations acceptance analyses, inspection support, and test and evaluation. The support will be applied in the mission systems/areas of: Space Domain Awareness, Command and Control, Space Superiority, Missile Warning/Missile Defense, Position Navigation and Timing (PNT), Military Satellite Communications (MILSATCOM), Launch and Range Operations, Ground-Based Radar (GBR), and Defensive Cyber Operations-Space (DCO-S); as well as other mission systems/areas as they are employed to create operational effects.*

***Contact:*** *Joseph Willard* [*joesph.willard@us.af.mil*](mailto:joesph.willard@us.af.mil) *Phone Number7195549527*

[*https://beta.sam.gov/opp/3e193334c3de425a89712eec3270ffee/view*](https://beta.sam.gov/opp/3e193334c3de425a89712eec3270ffee/view)

**Department of Defense – Department of the Air Force – Air Force Research Library - TOWARD AN ELASTIC FORCE DEPLOYMENT FRAMEWORK**

**Response Date: November 4, 2020**

**Funding Opportunity Number: RFI-AFRL-RIK-20-05**

***Purpose****: The Air Force is interested in the possible creation of an Elastic Force Deployment Framework (EFDF) to enable continuity of operations regardless of force deployment strategy or conditions in the operational environment. This framework will be the environment by which highly distributed and completely disconnected units can create, manage, deconflict, and disseminate information and artifacts associated with the Air Tasking Cycle (Air Tasking Order, Air Operations Directive, Joint Integrated Prioritized Target List), as well as the conditions-based authorities required for their creation and execution.*

*To that end, AFRL seeks information on technical concepts, approaches, and the merits of approaches to enable the Air Force to be resilient in contested, degraded, and operationally limited (CDO) environments. Key focus areas to realize the EFDF include, but are not limited to, conditions-based authorities, real-time condition determination, data/information requirements, and resilient information management and sharing. AFRL seeks information on new ideas, research, prototypes, and concepts to address these challenges.*

*Contact: RYAN TONER* [*ryan.toner@us.af.mil*](mailto:ryan.toner@us.af.mil) *Phone Number315-330-3340*

[*https://beta.sam.gov/opp/5dd6480514e8473291b51a4a46e829b8/view*](https://beta.sam.gov/opp/5dd6480514e8473291b51a4a46e829b8/view)

**Department of Defense – Department of the Army - Joint Artificial Intelligence Center Automated Business Process Platform - RFI**

**Proposal Due Date: October 9, 2020**

**Funding Opportunity Number: W52P1J-20-R-PLATFORM**

***Purpose:*** *The Joint Artificial Intelligence Center (JAIC) / Army Contracting Command (ACC) is seeking information from industry to assist with the development and planning of a potential new requirement. The JAIC is considering setting up a prototype Artificial Intelligence (AI) Acquisition Business Model (leveraging Other Transaction Authority (OTA)) Agreements that delivers AI capabilities through meaningful market research/front-end collaboration and optimal teaming arrangements of both traditional and non-traditional companies for AI product procurement. The JAIC would also explore the possibilities of using the model to enable agile AI acquisition processes to the DoD at scale.*

***Contact:*** *Stephanie A. Wilson* [*stephanie.a.wilson.civ@mail.mil*](mailto:stephanie.a.wilson.civ@mail.mil)

[*https://beta.sam.gov/opp/710e75be203942da99402c3e738c0dd7/view*](https://beta.sam.gov/opp/710e75be203942da99402c3e738c0dd7/view)

**Department of Defense – Department of the Army - Joint Artificial Intelligence Center Trusted Ecosystem Partners - Technology Accelerators, Venture Capital, Consortiums, and Think Tanks - RFI**

**Proposal Due Date: October 9, 2020**

**Funding Opportunity Number: W52P1J-20-R-PARTNERS**

***Purpose:*** *The Joint Artificial Intelligence Center (JAIC) / Army Contracting Command (ACC) is seeking information from industry to assist with the development and planning of a potential new requirement. The JAIC is considering setting up a prototype Artificial Intelligence (AI) Acquisition Business Model (leveraging Other Transaction Authority (OTA)) Agreements that delivers AI capabilities through meaningful market research/front-end collaboration and optimal teaming arrangements of both traditional and non-traditional companies for AI product procurement. The JAIC would also explore the possibilities of using the model to enable agile AI acquisition processes to the DoD at scale.*

***Contact:*** *Stephanie A. Wilson* [*stephanie.a.wilson.civ@mail.mil*](mailto:stephanie.a.wilson.civ@mail.mil)

[*https://beta.sam.gov/opp/2444af3202d54ce182b222b4d29bf967/view*](https://beta.sam.gov/opp/2444af3202d54ce182b222b4d29bf967/view)

**Department of Defense – Department of the Army – USMRAA - Urine Biochemistry Analysis Services U. S. Army Research Institute of Environmental Medicine**

**Response Date: October 8, 2020**

**Funding Opportunity Number: PANMRA-20-P-0000-004821**

***Purpose****:* *Urine samples will be collected on 120 women daily throughout BCT. Urine samples will be aliquoted, frozen and transported to the contractor’s lab for batched analysis of, reproductive hormone metabolite (pregnanediol glucuronide (PdG;progesterone)), esterone conjugate (E1c;estradiol), follicle stimulating hormone (FSH) and leutinizing hormone (LH)*

*Additionally, Contractor personnel designated shall have expertise as an accredited laboratory lead by a senior scientist with a terminal degree related to clinical chemistry. Contractor shall provide help desk/e-mail and telephone support to respond to USARIEM’s questions regarding data analysis.*

*The Laboratory shall possess the specialized experience to provide the required measurement and analysis of biochemistries in human urine at this level of competency. In order to maintain consistency of methods from prior studies to the current planned studies, to ensure reproducibility and validity of conclusion derived from these studies, and to collate these data into meta-analyses, the analyses shall be performed exactly as listed above. Good Clinical Practices guidelines shall be followed in the laboratory, and the vendor’s laboratory systems shall be governed by a set of Standard Operating Procedures (SOP) that are annually reviewed and updated. All laboratory technicians assigned to perform procedures in the laboratory shall be trained on SOPs for specific methods and all instruments are evaluated for sensitivity, reproducibility and proper run conditions prior to sample analysis as well as completed appropriate lab safety and CITI training for working with human subjects’ samples. Each analytical run shall include a series of standards and controls to monitor the performance of the analytical instrument and to minimize any drift that may occur during the course of the run. The lead investigator in the lab must have recognized expertise in biochemical analysis and a terminal degree related in biochemistry, chemistry, biology or related field.*

*The contractor shall accomplish the assigned tasks by employing and utilizing qualified personnel with appropriate combinations of education, training, and experience. The contractor shall match personnel skills to the task with a minimum of under or over employment of resources. (See attached DRAFT Performance Workstatement.*

***Contact:*** *Flodean Billings* [*flodean.p.billings.civ@mail.mil*](mailto:flodean.p.billings.civ@mail.mil) *Phone Number3016192648*

[*https://beta.sam.gov/opp/43e083dc6daa4aa58b7afbb5ddbe93cf/view*](https://beta.sam.gov/opp/43e083dc6daa4aa58b7afbb5ddbe93cf/view)

**U.S. Agency for International Development - Pre-NOFO-Notice FTF Horticulture IL**

**Comments Due Date: October 20, 2020**

**Expected Number of Awards: 1**

**Estimated Total Program Funding: $39,500,000**

**Award Ceiling: $39,500,000**

**Award Floor:**

**Funding Opportunity Number: PD-HORT-IL**

***Purpose:*** *This United States Agency for International Development (USAID)/Bureau for Resilience and Food Security (RFS) Draft Program Description is issued for the purpose of providing stakeholders and potential partners an opportunity to review, comment, suggest, and enhance areas for a new global Feed the Future (FTF) activity: the Feed the Future Innovation Lab for Horticulture. The purpose of this award is to identify and strengthen opportunities for smallholder farmers to develop and sustainably manage horticulture-based enterprises in production systems central to the Feed the Future Initiative. The Innovation Lab will do this through research and local capacity development on 1) climate-resilient management practices for nutrient-dense foods and 2) inclusive horticultural business development and commercialization, with a particular focus on youth and gender.*

*The purpose of this draft PD publication is solely to solicit commentary and feedback. This posting is not a Notice of Funding Opportunity. If you are interested in applying to the eventual award, please be aware that a Notice of Funding Opportunity will be posted later and must be replied to separately in order to be considered.*

*Please review the attached PDF and submit all commentary via e-mail to Kelly Miskowski (kmiskowski@usaid.gov) by October 20, at 4:00pm Washington, D.C. time. Please note that USAID does not intend to publish responses to questions or comments but incorporate them in revisions to the subsequent final program description. USAID/RFS will not provide answers to any questions submitted in response to this request. While there is no limit on the length of submissions, we value concise, issue-specific comments with reference to page and section numbers in the draft design document.*

***Contact:*** *Kelly Miskowski Agreement Specialist* [*kmiskowski@usaid.gov*](mailto:kmiskowski@usaid.gov)

[*https://www.grants.gov/web/grants/view-opportunity.html?oppId=329241*](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329241)

**Broad Agency Announcements**

**Department of Commerce - FY2021 to FY2023 NOAA Broad Agency Announcement (BAA)**

**Proposal Due Date: September 30, 2023**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: NOAA-NFA-NFAPO-2021-2006626**

***Purpose****: This notice is not a mechanism to fund existing NOAA awards. The purpose of this notice is to request applications for special projects and programs associated with NOAA's strategic plan and mission goals, as well as to provide the general public with information and guidelines on how NOAA will select applications and administer discretionary Federal assistance under this Broad Agency Announcement (BAA).*

***Contact:*** *Mr. Lamar Dwayne Revis, 301-628-1308,* [*lamar.revis@noaa.gov*](mailto:lamar.revis@noaa.gov)

[*https://www.grants.gov/web/grants/view-opportunity.html?oppId=329261*](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329261)

**Department of Defense – Department of the Air Force – Air Force Research Lab - Aerospace Systems Technology Research & Assessment (ASTRA)**

**Response Date: November 17, 2020**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: FA8650-20-S-6001-RFI**

***Purpose****: The Aerospace Systems Technology Research and Assessment (ASTRA) Program will research, develop, and demonstrate two focus areas : (1) Aerospace Technology Development and Testing (ATDT); and (2) multi-domain operations (MDO) modeling, simulation, and analysis (MDMSA). The ATDT focus area will center on transformative aerospace capabilities, control theory and application, manned-unmanned teaming, verification and validation, and MS&A of aerospace system concepts. The MDMSA focus area will center on MDO MS&A tool development and MDO analysis.*

***Contact:*** *Peter Seiley* [*peter.seiley@us.af.mil*](mailto:peter.seiley@us.af.mil) *Phone Number9377139943*

[*https://beta.sam.gov/opp/4eec8b7219874d6e96ea3fbe96c2b596/view*](https://beta.sam.gov/opp/4eec8b7219874d6e96ea3fbe96c2b596/view)

**Department of Defense – Department of the Army – Army Medical Research and Development Command (USAMRDC) - xTech Brain Operant Learning Technology – xTechBOLT – prize competition**

**White Paper Due Date: October 16, 2020**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling: $1,000,000**

**Award Floor:**

**Funding Opportunity Number: W81XWH-21-DHAPP**

***Purpose:*** *The prize competition is designed to incentivize industry to develop and demonstrate the use of various cutting-edge imaging technologies to locate, track, and trace key learning traits that might be, in turn, developed to promote optimal retention and access to memories. The goals for this competition are to understand the effects of emotion and empathy on learning and memory and the functional roles played by various brain regions and their mutual interactions in relation to emotional and empathetic processing and effect on both implicit and explicit learning.*

*The deadline for the submission of a concept white paper and an accompanying short video is October 16, 2020 after which subsequent winners will be afforded the opportunity to pitch their specific technology in front of a panel later this year at the planned virtual Interservice/Industry Training, Simulation and Education (I/ITSEC) Conference. The prize pool for the competition is currently allotted at one million dollars, with portions of the money scheduled to be distributed to winners of each progressive stage of the competition. The first-place winner will receive 500 thousand dollars in prize money as they embark on efforts to further develop their chosen technology.*

***Contact:*** *US Army Medical Materiel Development Activity (USAMMDA) xTechBOLT Team*

*Email:* [*usarmy.pentagon.hqda-asa-alt.mbx.xtechsearch@mail.mil*](mailto:usarmy.pentagon.hqda-asa-alt.mbx.xtechsearch@mail.mil)

[*https://www.arl.army.mil/xtechsearch/competitions/xtechBOLT.html*](https://www.arl.army.mil/xtechsearch/competitions/xtechBOLT.html)

**Department of Defense - Defense Advanced Research Projects Agency - Quantum Apertures**

**Abstract Due Date: October 26, 2020**

**Proposal Due Date: December 8, 2020**

**Expected Number of Awards:**

**Estimated Total Program Funding: $45,000,000**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: HR001121S0002**

***Purpose****:* *The Microsystems Technology Office at DARPA seeks innovative proposals in the area of quantum-based RF receivers. The program will demonstrate the potential to receive modulated RF signals over a very large spectral range using a single receiving element with state of the art sensitivity.*

***Contact:*** *BAA Coordinator HR001121S0002@darpa.mil*

[*https://beta.sam.gov/opp/9857f4515aae4811be27e32d1dc41afc/view*](https://beta.sam.gov/opp/9857f4515aae4811be27e32d1dc41afc/view)

**Department of Defense - Defense Advanced Research Projects Agency - Microsystems Technology Office - Fast Event-based Neuromorphic Camera and Electronics (FENCE)**

**Abstract Due Date: November 2, 2020**

**Proposal Due Date: December 16, 2020**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: HR001121S0001**

***Purpose****: DARPA MTO is soliciting research and development proposals for the Fast Event-based Neuromorphic Camera and Electronics (FENCE) program to develop and demonstrate a low latency, low power, event-based camera and a new class of signal processing and learning algorithms that use combined spatial and temporal (spatio-temporal) information to enable intelligent sensors for tactical DoD applications. Because of the nature of the work, proposers will require personnel with collateral SECRET clearances and access to both an accredited facility and secure communications in order to support classified development OR proposers must team with an organization that has personnel with collateral SECRET clearances and access to both an accredited facility and secure communications in order to support classified development.*

***Contact:*** *BAA Coordinator* [*HR001121S0001@darpa.mil*](mailto:HR001121S0001@darpa.mil)

[*https://beta.sam.gov/opp/dd33f3e8d0104290a42f74d8a07e99a3/view*](https://beta.sam.gov/opp/dd33f3e8d0104290a42f74d8a07e99a3/view)

**Department of Defense - Defense Advanced Research Projects Agency - Defense Sciences Office - Young Faculty Award (YFA)**

**Proposal Due Date: January 8, 2021**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: DARPA-RA-21-01**

***Purpose****: The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. In particular, YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs, but the program is open to all qualified applicants with innovative research ideas.*

***Contact:*** *BAA Coordinator* [*DARPA-RA-21-01@darpa.mil*](mailto:DARPA-RA-21-01@darpa.mil)

[*https://beta.sam.gov/opp/aabf37db17b949b88494684292eb854e/view*](https://beta.sam.gov/opp/aabf37db17b949b88494684292eb854e/view)

**Department of Defense – Defense Threat Reduction Agency - Testable Hardware Toolkit (THTk) Modernization & Improvements**

**Proposal Due Date: November 6, 2020**

**Expected Number of Awards:**

**Estimated Total Program Funding:**

**Award Ceiling:**

**Award Floor:**

**Funding Opportunity Number: HDTRA1-14-WMD-RFI-0109**

***Purpose****: The objective of the THTk Modernization & Improvements procurement is to modernize and improve THTk by providing new models for assessing system and component-level Nuclear Weapon Effects (NWE) survivability, improving existing response models, identifying and incorporating new empirical data into the toolkit, and modernizing the software for improved compatibility with modern Windows operating systems. This effort includes five major task areas:*

*1. Complete technical and fiscal program management of the contract;*

*2. Develop and improve empirical models;*

*3. Perform THTk Software modernization and develop standalone classified and unclassified THTk software packages;*

*4. Perform Quality Assurance and Configuration Management activities;*

*5. Deliver Software, Documentation and User Support.*

***Contact:*** *Hanh Dinh* [*hanh.t.dinh.civ@mail.mil*](mailto:hanh.t.dinh.civ@mail.mil)

[*https://beta.sam.gov/opp/e0e7fba639584e6393bf06835d353177/view*](https://beta.sam.gov/opp/e0e7fba639584e6393bf06835d353177/view)

**Nominations**

**Department of Commerce - National Institute of Standards and Technology - Establishment of the Civilian Innovation Advisory Board and Call for Nominations**

**Nomination Deadline: Nominations for the Board will be accepted on an ongoing basis and will be considered as and when vacancies arise effective October 1, 2020**

***Purpose****: The Secretary of Commerce (Secretary), announces the establishment of the Civilian Innovation Advisory Board (The Board) in accordance with the Federal Advisory Committee Act of 1972 (FACA), as amended, and the Secretary of Commerce (Secretary), a discretionary advisory committee. The Board shall provide independent advice and recommendations to the Secretary of Commerce and, upon request, to the Administrator of the General Services Administration (GSA) on issues relevant to the Federal Government's engagement and support of technological innovation, and the incorporation and adoption of emerging technologies and innovative means to address critical technological challenges facing the Federal Government in its provision of services to the public, within the framework of applicable national policies.*

***Contact:*** *Jason Boehm, Director of Program Coordination Office, National Institute of Standards and Technology, 100 Bureau Drive, MS 100, Gaithersburg, MD 20899. His email is Jason.Boehm@nist.gov, and phone number is 301-975-8678.*

[*https://www.federalregister.gov/documents/2020/10/02/2020-21834/establishment-of-the-civilian-innovation-advisory-board-and-call-for-nominations*](https://www.federalregister.gov/documents/2020/10/02/2020-21834/establishment-of-the-civilian-innovation-advisory-board-and-call-for-nominations)

**Millennium Challenge Corporation - Renewal of the MCC Economic Advisory Council and Call for Nominations**

**Nomination Deadline: November 12, 2020**

***Purpose****: In accordance with the requirements of the Federal Advisory Committee Act, the Millennium Challenge Corporation (MCC) has renewed the charter for the MCC Economic Advisory Council (EAC) and is hereby soliciting representative nominations for the 2020-2022 term. The EAC serves MCC in an advisory capacity only and provides insight to sharpen MCC's analytical capacity and ensure continued expertise on relevant issues related to economic development. The EAC provides a platform for engagement with economic development and evaluation experts and contributes to MCC's mission to reduce poverty through economic growth. MCC will use the advice, recommendations, and guidance from the EAC to (i) inform threshold, compact, and concurrent regional compact development, implementation, and results measurement procedures, and (ii) assess future policy innovations and methodologies at MCC. The MCC Vice President of the Department of Policy and Evaluation affirms that the EAC is necessary and in the public interest. The EAC is seeking members to comprise a diverse group of recognized thought leaders and experts representing academic institutions, think tanks, donor organizations, and development banks. Additional information about MCC and its portfolio can be found at www.mcc.gov.*

***Contact:*** *Mesbah Motamed, Designated Federal Officer, MCC Economic Advisory Council, 1099 14th St. NW, Suite 700, Washington, DC 20005. Request for additional information can also be directed to Mesbah Motamed, 202.521.7874,* [*MCCEACouncil@mcc.gov*](mailto:MCCEACouncil@mcc.gov)*.*

[*https://www.federalregister.gov/documents/2020/09/30/2020-21557/renewal-of-the-mcc-economic-advisory-council-and-call-for-nominations*](https://www.federalregister.gov/documents/2020/09/30/2020-21557/renewal-of-the-mcc-economic-advisory-council-and-call-for-nominations)

**Grants over $5 Million**

**National Science Foundation - Division of Environmental Biology**

**Proposal Due Date: Proposals accepted anytime**

**Expected Number of Awards:**

**Estimated Total Program Funding: $100,000,000**

**Award Ceiling: $5,000,000**

**Award Floor: $5,000**

**Funding Opportunity Number: 21-504**

*Purpose: The Division of Environmental Biology (DEB) Core supports research and training on evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems. DEB encourages research that elucidates fundamental principles that identify and explain the unity and diversity of life and its interactions with the environment over space and time. Research may incorporate field, laboratory, or collection-based approaches; observational or manipulative studies; synthesis activities; phylogenetic discovery projects; or theoretical approaches involving analytical, statistical, or computational modeling. Proposals should be submitted to the core clusters (Ecosystem Sciences, Evolutionary Processes, Population and Community Ecology, and Systematics and Biodiversity Sciences). DEB also encourages interdisciplinary proposals that cross conceptual boundaries and integrate over levels of biological organization or across multiple spatial and temporal scales.Research addressing ecology and ecosystem science in the marine biome should be directed to the Biological Oceanography Program in the Division of Ocean Sciences; research addressing evolution and systematics in the marine biome should be directed to the Evolutionary Processes or Systematics and Biodiversity Science programs in DEB.*

[*https://www.grants.gov/web/grants/view-opportunity.html?oppId=329294*](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329294)