

ARTS, HUMANITIES, and INTERNATIONAL

Water for Agriculture Activity

United States Agency for International Development (USAID), Nigeria USAID-Abuja

Notice seeking applications to increase agricultural productivity and income generation among small-holder farmers.

Applications are due February 11, 2019. Approximately \$8 million is available for one award.

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

Catalysts for Change: Accelerating the Anti-Trafficking Movement in Eastern India

Department of State (State), U.S. Mission to India

Notice seeking applications to implement three workshops, one each in Patna, Ranchi, and Guwahati, in order to share best practices of the Swayamsiddha program, culminating in a final conclave in Kolkata that will encourage intra- and interstate stakeholder collaboration to bolster human trafficking prevention efforts.

Applications are due March 16, 2019. Approximately \$75,000 per award is available.

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

Conference on U.S.-India Defense Ties

Department of State (State), U.S. Mission to India

Notice seeking applications to design and implement a high-level, two-day conference in Hyderabad on U.S.-India defense ties focused on strengthening U.S.-India defense partnerships in the areas of joint research, development, and co-production of high-end defense technology and equipment.

Applications are due February 20, 2019. Approximately \$55,000 per award is available.

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

Employment readiness and market labor insertion of socially vulnerable youth in crime-ridden communities in Costa Rica

Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

Notice seeking applications to impact and strengthen the employability of a target selected group of 50 youth per cantonment and strengthen the job readiness and labor market insertion services that the municipalities offer and ensure their ability to continue to provide these services to young people in Alajuelita and Moravia.

Applications are due March 15, 2019. Approximately \$150,000 per award is available.

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

Local Governance and Civil Society

United States Agency for International Development (USAID), Middle East Regional Platform USAID-MERP

Notice seeking concept papers to support the foundation of a more unified Libyan state by prioritizing local-level activities that foster stability and accountable governance while reinforcing positive linkages among the national government, subnational government administration, and citizens.

Concept papers are due February 7, 2019. Approximately \$36 million is available to support one award over four years.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Logistics and Administrative Implementation of Legal Clinics
Department of State (State), Bureau of International Narcotics-Law Enforcement (INL)

Notice seeking applications to establish fully functional legal clinics in criminal law at two law schools in the country – one being part of Ss. Cyril and Methodius University-- for law school students to obtain trial and case practice before they graduate and take the bar exam.

Applications are due February 11, 2019. Approximately \$25,000 is available for one award.

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

Rehabilitation Engineering Research Centers (RERC) Program: RERC on Rehabilitation Strategies, Techniques, and Interventions
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to fund research and development that leads to rehabilitation practices and services that improve the health and the physical, cognitive, sensory, and communication abilities of people with a wide range of disabling conditions. Rehabilitation engineering in this area should result in new or improved products, devices, and technological advances that enhance rehabilitation services in clinical, community, or home settings.

Requested letters of intent are due February 20, 2019. Applications are due March 18, 2019. Approximately \$925,000 is available to support one award.

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

HEALTH and MENTAL HEALTH

Improving Outcomes for Pediatric, Adolescent and Young Adult Cancer Survivors (U01 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to stimulate the scientific development of effective, feasible and scalable interventions to address adverse physical and psychosocial effects in survivors of pediatric and or adolescent/young adult cancer carried out by providers, communities, and/or health care systems.

Requested letters of intent are due February 15, 2019 and December 3, 2019. Applications are due March 15, 2019 and January 3, 2020. Approximately \$4.8 million is available for up to eight awards to support projects lasting up to five years.

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

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

Notice seeking applications to provide a new, full-time, permanent service delivery site for comprehensive primary health care services designed to improve the health of the nation's underserved communities and vulnerable populations.

Applications are due March 12, 2019. Approximately \$50 million is available for 75 awards.

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

Summer Research Education Experience Program (Clinical Trials Not Allowed R25)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support educational activities to foster a better understanding of biomedical, behavioral and clinical research and its implications with a primary focus on research experiences for high school or undergraduate students or science teachers during the summer academic break.

Requested letters of intent are due 30 days prior to application due date. Applications are due annually on January 25, May 25, and September 25. Program expires September 8, 2022.

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

The Experimental Therapeutics Clinical Trials Network Pharmacokinetic Resource Laboratories (U24 Clinical Trials Not Allowed; UM1 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice supporting applications for the Experimental Therapeutics Clinical Trials Network (ETCTN). The PK Laboratories will be expected to organize specimen collection and subsequent analysis of pharmacokinetic endpoints, drug-drug interactions, cytochromes P450 (CYP) interactions, and food effects in ETCTN studies of NCI Investigational New Drug (IND) agents. The overarching goal of the ETCTN PK Laboratories is to advance the clinical development of NCI-IND agents through achieving comprehensive understanding of pharmacokinetic behavior of these agents studied in ETCTN protocols.

Optional letters of intent are due 30 days prior to the due date. Applications are due May 22, 2019. Multiple awards expected under each mechanism.

Limited Submission: Only one application per institution.

LINKS: [Grants.gov \(RFA-CA-19-008\)](#), [Solicitation \(RFA-CA-19-008\)](#), [Solicitation \(RFA-CA-19-007\)](#)

Transforming Health Care for Children and Youth with Epilepsy
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to increase access to quality health care in a patient/family-centered medical home for children and youth with epilepsy residing in rural and/or medically underserved areas.

Applications are due April 11, 2019. Approximately \$2.9 million is available for up to seven awards.

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

Virtual Reality Tools to Enhance Evidence Based Treatment of Substance Use Disorders (R43-R44 and R41-R42- 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 develop and evaluate Virtual Reality (VR) enhanced technologies that will support substance use disorders (SUD) treatment and recovery, provide treatment alternatives for chronic pain, or serve as next generation Clinical Research Tools which leverage data from the VR experience and identify digital markers that model SUD and comorbid mental illness disorders.

Optional letters of intent are due 30 days prior to the application due date. Applications are due March 20, 2019. Approximately \$2 million is available for up to eight awards. According to statutory guidelines, award periods normally may not exceed 6 months for Phase I and 2 years for Phase II.

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

CDMRP Peer Reviewed Medical Research Program Clinical Trial Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications for the rapid implementation of clinical trials with the potential to have a significant impact on a disease or condition addressed in at least one of the Congressionally directed FY19 PRMRP Topic Areas. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Proposed projects may range from small proof-of-concept trials (e.g., pilot, first in human, Phase 0), to demonstrate feasibility or inform the design of more advanced trials, through large-scale trials to determine efficacy in relevant patient populations.

Pre-applications are due March 14, 2019. Approximately \$58.5 million is available to fund up to nine clinical trials.

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

CDMRP Peer Reviewed Medical Research Program Focused Program Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications to optimize research and accelerate solutions to a critical question related to at least one of the Congressionally directed FY19 PRMRP Topic Areas through a synergistic, multidisciplinary research program.

Pre-applications are due March 14, 2019. Approximately \$43.2 million is available to fund up to four awards.

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

CDMRP Peer Reviewed Medical Research Program Investigator-Initiated Research Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications for studies that will make an important contribution toward research and/or patient care for a disease or condition related to at least one of the FY19 PRMRP Topic Areas. The rationale for a research idea may be derived from a laboratory discovery, population-based studies, a clinician's first-hand knowledge of patients, or anecdotal data.

Pre-applications are due March 14, 2019. Approximately \$79.6 million is available to fund up to 42 awards.

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

CDMRP Peer Reviewed Medical Research Program Technology Therapeutic Development Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications for the translation of promising preclinical findings into products for clinical applications, including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the Congressionally directed FY19 PRMRP Topic Areas. Products in development should be responsive to the healthcare needs of military Service members, Veterans, and/or beneficiaries.

Pre-applications are due March 14, 2019. Approximately \$72 million is available to fund up to 16 awards.

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

CDMRP PRMRP Discovery Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications for innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications. Studies supported by this award are expected to

lay the groundwork for future avenues of scientific investigation. Projects should align with approved topic areas.

Pre-applications are due March 28, 2019. Applications are due April 11, 2019. Approximately \$18 million is available to fund up to 60 awards.

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

Strengthening Systems of Care for People Living with HIV and Opioid Use Disorder
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS),
HIV/AIDS Bureau

Notice seeking applications to leverage resources at federal, state, and local levels to ensure that people living with HIV (PLWH) who have opioid use disorder (OUD) have access to appropriate substance use disorder (SUD) care, treatment, and recovery services.

Requested letters of intent are due February 27, 2019. Applications are due April 16, 2019. Approximately \$3.5 million is available to support one to four awards.

Limited Submission: Multiple applications from an organization are not allowable.

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

Women's HIV Epidemiology Cohort Studies (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD); National Institute of Dental and Craniofacial Research (NIDCR)

Notice seeking applications to support new and innovative epidemiology research in reproductive age women living with HIV.

Optional letters of intent are due March 4, 2019. AIDS Applications are due April 4, 2019. Approximately \$4 million is available to support two to four awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

New Bioimaging Approaches for Bioenergy
Department of Energy (Energy), Office of Science

Notice seeking applications to support fundamental research towards enabling new bioimaging approaches to achieve an advanced understanding of plant and microbial systems relevant to bioenergy research.

Required pre-applications are due April 4, 2019. Applications are due May 20, 2019. Approximately up to \$750,000, per award, is available for multiple awards to support projects lasting up to three years.

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

Theoretical Research in Magnetic Fusion Energy Science
Department of Energy (Energy), Office of Science

Notice seeking applications to develop the predictive capability needed for a sustainable fusion energy source with particular attention given to focus areas such as, but not limited to: Macroscopic Stability, Confinement and Transport, Boundary Physics, Plasma Heating & Non-inductive Current Drive, Energetic Particles. Priority will be given to research that addresses issues shared in the "Fusion Energy Sciences, a Ten-Year Perspective (2015-2025)" plan, integration and whole-device modeling.

Required letters of intent are due February 11, 2019. Applications are due March 26, 2019. Approximately \$2.5 million, per award, is available for up to five awards to support projects lasting up to three years.

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

ACC-AMIC-RFI-Independent Research and Development 2019
Department of Defense (Defense), Air Combat Command (ACC)

Notice seeking nominations of attendees and topics for a meeting between senior ACC leadership and stakeholders from industry, academia, and other government organizations to explore emerging technologies with potential applications to combat airpower.

Email nominations of attendees and topics to both contact emails by January 25, 2019. The event will be held at HQ ACC/(A5/8XS) Joint Base Langley-Eustis, VA.

LINKS: [FBO](#), [Agency Site](#)

Notice of Intent to Issue Front-End Engineering and Design Studies for Carbon Capture Systems on Coal and Natural Gas Power Plants Funding Opportunity Announcement
Department of Energy (Energy)

Notice announcing a future funding announcement for Front-End Engineering and Design Studies for Carbon Capture Systems on Coal and Natural Gas Power Plants. Prospective applicants to the Funding Opportunity Announcement should begin developing partnerships, formulating ideas, and gathering data in anticipation of the issuance of this announcement.

The FOA will be post to grants.gov and fedconnect.net in the first quarter of Calendar Year 2019.

LINKS: [Grants.gov](#)

Support to Examine Test Articles for Induction of Genetic Changes
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking information to help NIEHS formulate a procurement strategy for obtaining support to examine a variable number of test articles (e.g., chemicals, natural products, botanical dietary supplements, complex mixtures) annually for induction of genetic changes (changes in animal or human cells in the form of e.g., mutations, chromosomal changes, DNA damage, gene expression changes).

Email a capability statement to the contact by January 31, 2019.

LINKS: [FBO](#)

Adaptive Matching Networks for Radar and Electronic Warfare Transmit Amplifiers
Navy (Navy), Department of Defense (Defense)

Notice seeking proposals to achieve these objectives through the use of adaptive matching networks with instantaneous narrowband performance that is tunable across a wideband. Research areas include adaptive matching network concepts, tuning optimization strategies, and component design trades.

Proposals are due February 15, 2019. Approximately \$200,000 is available.

LINKS: [Grants.gov](#)

Materials and Chemical Sciences Research for Quantum Information Science
Department of Energy (Energy), Office of Science

Notice seeking applications for fundamental research for public benefit in materials and chemical sciences to

advance our understanding of quantum phenomena in systems that could be used for QIS, and the use of quantum computing in chemical and materials sciences research.

Required pre-applications are due February 13, 2019. Applications are due May 3, 2019. Approximately \$45 million is available to support up to 20 awards for three years.

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

Missile Defense Agency (MDA) Science, Technology, Engineering, and Mathematics (STEM) Boosting Engineering Science and Technology (BEST) Robotics: Kits 2019
Department of Defense (Defense), Missile Defense Agency (MDA)

Notice seeking proposals to obtain financial support for purchasing new robotic kits. The additional robotics kits increase the number of competing teams and advances the awareness of and engagement in Science, Technology, Engineering, and Mathematics (STEM) with K-12 populations.

Proposals are due April 15, 2019. Up to \$75,000 is available.

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

Research of Technologies Advancing Corrosion Prevention and Control
Department of Defense (Defense)

Notice seeking white papers for fundamental research that can lead to the future development of capabilities to prevent and control corrosion and degradation of materials and the structures of systems and facilities. The ultimate goal of these capabilities is reducing costs, improving availability of systems and increasing the safety of military assets, which serve a dual interest in public structures and facilities. Projects must be new research efforts.

White papers are due February 19, 2019 at 4:30 p.m. MT. Approximately \$2 million is available to fund up to four cooperative agreements.

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

Autonomous Cyber
Army (Army), Department of Defense (Defense)

Notice seeking information to develop autonomous cyber defenses for the tactical networks and communications that are driven by artificial intelligence and machine learning (ML). The cyber technology will secure automated network decisions and defend against adaptive autonomous cyber attackers at machine speed.

Responses are due February 13, 2019 to michael.e.dorsch.civ@us.army.mil.

LINKS: [FBO](https://www.fbo.gov)