

ARTS, HUMANITIES, and INTERNATIONAL

FY2024 Development Innovation Ventures_APS
Agency for International Development

Notice seeking applications for innovations that address international development challenges and improve the lives of people living in poverty in developing countries around the world. DIV provides tiered funding to pilot, test, and transition to scale (i.e., grow to reach the highest number of beneficiaries possible) those innovations that demonstrate evidence of impact, cost-effectiveness, and the potential to scale.

Applications are due on rolling basis until October 31, 2024. Multiple awards are anticipated.

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

Humanities Research Centers on Artificial Intelligence
National Endowment for the Humanities

Notice seeking applications to support a more holistic understanding of artificial intelligence (AI) in the modern world through the creation of new humanities research centers on artificial intelligence at eligible institutions. Centers must focus their scholarly activities on exploring the ethical, legal, or societal implications of AI.

Applications are due February 14, 2024. The maximum amount for awards is \$750,000.

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

U.S. Embassy Tokyo PAS Annual Program Statement
State

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and Japan through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Applications are due September 30, 2024. Estimated \$400,000 is available to fund four to six awards.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY24 NOAA New England Bay Watershed Education and Training (B-WET)
Commerce

Notice seeking proposals for projects that support high quality teacher professional development for classroom-integrated Meaningful Watershed Educational Experiences (MWEEs). Projects must include the development of teacher-led student outdoor experiences, learning, and environmental actions that connect students to their local watershed.

Applications are due February 20, 2024. Estimated \$350,000 is available to fund up to six awards.

LINKS: [Grants.gov](https://www.grants.gov); [Agency Site](#)

HEALTH and MENTAL HEALTH

ARPA-H Biomedical Data Fabric Toolbox
U.S. Department of Health and Human Services

Notice seeking proposals to investigate innovative software approaches that enable revolutionary advances in the collection and usability of biomedical datasets that originate from thousands of different research labs, clinical care centers, and other sources of data in order to accelerate technical innovation across the health ecosystem.

Applications are due November 28, 2023. Estimated \$15 million is available to fund multiple awards.

LINKS: [Grants.gov](#); [Contract Opportunities](#)

Broad Agency Announcement (BAA) for The Protection of Deployed Military Personnel from Threats Posed by Arthropod Disease Vectors
Defense

Notice seeking proposals for original, innovative research designed to develop new interventions to protect deployed U. S. Department of Defense (DoD) personnel from medically relevant pests, including arthropod disease vectors of mosquito-borne arboviruses and tick-borne pathogens, as well as fly-borne bacterial pathogens.

Required pre-proposals are due December 12, 2023. Estimated \$4.5 million is available to fund up to ten awards.

LINKS: [Grants.gov](#); [Contract Opportunities](#)

Down Syndrome Cohort Research Sites (DS-CRS) for the Down Syndrome Cohort Study Program (DS-CDP) across the lifespan for the INCLUDE Project (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to recruit participants with Down syndrome across the lifespan; collect biospecimens; assemble phenotypic data, images, and omics for deep phenotyping; and make the data readily available to the scientific community.

Applications are due December 15, 2023. Estimated \$5 million is available to fund three to eight awards.

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

Information and Practice Needs Relevant to Late Talking Children (R21 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for research projects that aim to better understand the information and practice needs of caregivers, professionals, and other invested parties who support late talking children and to determine whether those needs are being effectively met.

Applications are due February 7, 2024, July 19, 2024, and November 19, 2024. Multiple awards are anticipated.

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

NIDCD Cooperative Agreement for Clinical Trials in Communication Disorders (U01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for a cooperative agreement between an NIDCD Project Scientist and an investigator to support a clinical trial that meets ANY of the following criteria: requires FDA oversight, is intended to formally establish efficacy, or has a higher risk to potentially cause physical or psychological harm.

Applications are due February 27, 2024. Program expires October 28, 2026. Multiple awards are anticipated.

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

NIDCD Low Risk Clinical Trials in Communication Disorders (R01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for investigator initiated low risk clinical trials addressing the mission and research interests of the National Institute on Deafness and Other Communication Disorders.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2028. Multiple awards are anticipated.

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

Silvio O. Conte Digestive Diseases Research Core Centers (P30 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to bring together basic and clinical investigators as a means to enhance communication, collaboration, and effectiveness of ongoing research related to digestive and/or liver diseases within the NIDDK's mission. DDRCCs are based on the core concept, whereby shared resources aimed at fostering productivity, synergy, and new research ideas among the funded investigators are supported in a cost-effective manner. Only one application per institution is allowed.

Applications are due February 22, 2024. Estimated \$4.8 million is available to fund up to four awards per year.

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

Understanding the Impact of Healthcare System and Clinician Factors on Disparities in Maternal Morbidity and Mortality (R01 - Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for multidisciplinary and innovative intervention research to understand and address maternal morbidity and mortality in the United States, particularly but not exclusively among racial and ethnic minority, socioeconomically disadvantaged, and underserved rural populations, with a focus on understudied healthcare factors.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2027. Multiple awards are anticipated.

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

Advancing Hearing and Balance Research Using Auditory and Vestibular Organoids (R01 or R21-Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to encourage research in the development, characterization, and reproducibility/reliability of human auditory and vestibular organoids. Applications investigating animal organoids are allowable but only if accompanying comparative or other integrated companion studies with human organoids. Available mechanisms include [R01 grants](#) and [R21 grants](#).

R01 applications are February 5, 2024. R21 applications are due February 16, 2024. Estimated \$2 million is available to fund up to six awards.

LINKS: [Grants.gov \(R01\)](#); [Grants.gov \(R21\)](#)

ARPA-H Resilient Extended Automatic Cell Therapies (REACT)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to address both challenges, limitations in access and affordability, by changing the paradigm in therapeutic development and affordability and improving the way patients manage their own health by developing two platforms—one that automatically produces and delivers patient-specific therapy and one that monitors a disease in real time.

Proposals are due January 15, 2024. Abstracts are encouraged and due November 30, 2023. Questions are due November 3, 2023. Multiple awards are anticipated. Cost sharing is required.

LINKS: [Contract Opportunities](#)

Development of Candidate Radiation-Nuclear Medical Countermeasures (MCMs) (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support investigator-initiated research at all stages of development that is specifically focused on the development of medical countermeasures (MCMs) to mitigate/treat injuries arising from radiation exposure during a public health emergency. This funding opportunity will support the development of novel approaches within the radiation research area that may be considered for future licensure by the FDA.

Applications are due January 26, 2024. Estimated \$4 million is available to fund six to eight awards.

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

Engineering and Preclinical Development of Biological Products that Eliminate HIV-infected Cells (UG3-UH3 Clinical Trial Not Allowed)
FON: RFA-AI-23-060
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support the late-stage engineering and preclinical development of innovative biological products that safely and specifically kill HIV-infected cells. Products of interest include but are not limited to broadly neutralizing antibodies (bNAbs), their derivatives, and other soluble, antibody-like molecules.

Applications are due March 13, 2024. Estimated \$3 million is available to fund three to four awards.

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

Long-Acting Drug Delivery Systems for ART Optimization in Children Living with HIV-1 II (LADDS II) (R61-R33 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to accelerate the development of safe and effective long-acting drug delivery systems for improved, simplified treatment of HIV-1 in children. This NOFO invites applicants engaged in the development of existing long-acting platforms at early stages of development stages to perform specific preclinical activities that enable product optimization and accelerated translation to HIV-infected children.

Applications are due March 13, 2024. Estimated \$2.8 million is available to fund three to four awards.

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

Tools for Decentralized Clinical Trials for Substance Use Disorder (R41-R42 Clinical Trials Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications proposing research projects for developing tools for distributed clinical trials for substance use disorders (SUD).

Applications are due March 14, 2024. Estimated \$3 million is available to fund five to ten awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Atmospheric System Research (ASR)
Energy

Notice seeking applications to quantify the interactions among aerosols, clouds, precipitation, and radiation to improve understanding of key cloud, aerosol, precipitation, and radiation processes that affect the Earth's radiative balance and hydrological cycle, especially processes that limit the predictive ability of regional and global models.

Required pre-applications are due November 30, 2023. Estimated \$12 million is available to fund 15 to 20 awards.

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

Computational Thermochemistry and Simulation of the Moon's Formation Environment
National Aeronautics and Space Administration

Notice seeking a partnering opportunity for the purpose of openly and competitively selecting prospective team members to assist it in the preparation of proposals to be submitted by Glenn Research Center (GRC) to NASA ROSES – Solar System Workings solicitation. The goal of this partnership notice is to leverage expertise to work in partnership to conduct novel fundamental research to test models for the origin of the Moon using computational thermochemistry and simulation of various moon forming environmental scenarios.

Proposals are due November 17, 2023 to the GRC. Signed Letters of Commitment are due November 15, 2023.

LINKS: [Contract Opportunities](#)

FY24 Recovery Challenge Fund
Interior

Notice seeking proposals to develop and maintain conservation programs to safeguard the Nation's heritage in fish, wildlife and plants for the benefit of all citizens.

Applications are due December 19, 2023. Estimated \$9 million is available to fund 18 awards. Cost share of 50 percent is required.

LINKS: [Grants.gov](#)

ROSES 2023: A.26 CYGNSS Competed Science Team
National Aeronautics and Space Administration

Notice seeking proposals for the use of the ocean and land data products from Cyclone Global Navigation Satellite System (CYGNSS), either individually or together, for scientific investigations and end-user applications.

Applications are due January 17, 2024. Estimated \$1.8 million is available to fund 9 to 12 awards.

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

Specialty Crop Research Initiative - Pre-Applications
U.S. Department of Agriculture

Notice seeking proposals to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture, including conventional and organic food production systems.

Required pre-applications are due December 8, 2023. Estimated \$75.44 million is available to fund multiple awards with a ceiling of \$2 million.

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

Video Game Challenge
National Science Foundation

Notice seeking statements of work from organizations to assist a small team of NSF staff to help create the competition blueprint and tactics, then go on to help produce the competition by building and launching and promoting the competition, providing ongoing management and support throughout the whole competition cycle, and arranging bi-weekly meetings with the NSF team, conducting post-challenge evaluation, and preparing for future competition cycles.

Responses are due October 27, 2023 to kmprice@nsf.gov.

LINKS: [Contract Opportunities](#)

Fundamental Research Towards Expeditionary Air War
Defense

Notice seeking proposals to pursue innovative fundamental research in three topic areas relevant to Expeditionary Forces and provide them an enduring unfair technological advantage into the future. The three topic areas are 1) Enabling Magnetics for Ultra-Wide Bandgap (UWBG) Power Electronics; 2) Theoretical Foundations and Limitations of Predicting, Deceiving, and Disrupting Artificial Intelligence Algorithms in Perception/Action Loops; and 3) Lifting body dynamics under influence of 2- & 3-D unsteady ground effect.

Proposals are due March 1, 2024. Recommended white papers are due December 15, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#); [Solicitation](#); [Agency Site](#)

FY2024 NMFS-Sea Grant Fellowship in Population and Ecosystem Dynamics and Marine Resource
Economics
Commerce

Notice seeking applications to support Ph.D. graduate fellowships in two specific areas (1) population and ecosystem dynamics (PED) and (2) marine resource economics (MRE). The intent of this opportunity is to award a limited number of fellowships each year to students who are interested in careers related to population and ecosystem dynamics and marine resource economics with a mission to achieve sustainable living marine resource management, and account for changing conditions using an ecosystem-based fishery management approach.

Applications are due January 25, 2024. Five or more awards are anticipated. Cost of at least 20 percent is required.

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

FY24 Dr. Nancy Foster Scholarship Program Commerce

Notice seeking applications to provide support for master's and doctoral degrees in oceanography, marine biology, maritime archaeology—these may include but are not limited to ocean and/or coastal: engineering, social science, marine education, marine stewardship, cultural anthropology, and resource management disciplines—and particularly encourages women and members of minority groups to apply.

Applications are due December 20, 2023. Estimated \$500,000 is available to two to five awards.

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

Small Business Innovation Research (SBIR) Program Phase I Commerce

Notice seeking applications from small businesses and partners to explore the technical merit or feasibility of an innovative idea or technology with the aim of developing a viable product or service that will be introduced to the commercial marketplace.

Applications are due December 22, 2023. An estimated ten awards with a ceiling of \$100,000 are anticipated.

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

9th Annual HBCU-MSI Partnership Meeting National Aeronautics and Space Administration

Notice announcing a meeting of the 9th Annual HBCU/MSI Partnership meeting. The purpose of the meeting is to target NASA's immediate and future subcontracting opportunities for HBCUs and MSIs.

The meeting will be held on November 15, 2023 at the Yulista Conference Center, in Huntsville, Alabama (8:00am – 12:30pm). You may register at <https://9thAnnualHBCUMSIPartnershipsMeeting.eventbrite.com>.

LINKS: [Contract Opportunities](#)

Request for Information (RFI): Improving the Usability of the Research Opportunities in Space and Earth Science (ROSES) NASA Research Announcement (NRA) National Aeronautics and Space Administration

Notice requesting information on approaches to improving ease of use of the NASA Research Announcement (NRA) and Notice of Funding Opportunity (NOFO) entitled "Research Opportunities in Space and Earth Science" or ROSES. The long-term objective of this Usability RFI is to identify and reduce

the barriers to
proposing relevant research to one of NASA SMD's research programs.

Responses are due January 24, 2024 in PDF.

LINKS: [Contract Opportunities](#); [Solicitation](#)