

## ARTS, HUMANITIES, and INTERNATIONAL

USAID Ghana Health Program (GHP) Annual Program Statement (APS)  
United States Agency for International Development (USAID)

Notice seeking applications to accelerate reductions in preventable maternal, newborn, and child morbidity and mortality in geographic focus areas of Ghana. The Ghana Health Program builds on Ghana's health and development progress to date in advancing the delivery of integrated health services for vulnerable populations.

Applications are due October 19, 2022. Questions are due September 5, 2022. Up to \$29 million is available to fund multiple awards.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

HUDRD - HBCU Research Center of Excellence  
Department of Housing and Urban Development (HUD)

Notice seeking proposals to conduct research projects on multiple topics of strategic interest to the Department of Housing and Urban Development. HUD's 2022-26 Learning Agenda identifies HUD's priority learning and research questions, consistent with the Departmental objectives and goals described in the 2022-26 Strategic Plan.

Applications are due December 22, 2022. Approximately \$5.5 million is available. HBCUs are eligible. Colleges and universities are eligible to partner.

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

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Rural Microentrepreneur Assistance Program  
United States Department of Agriculture (USDA), Rural Business-Cooperative Service (RBS)

Notice seeking applications to provide loans and grants to Microenterprise Development Organizations (MDOs) to: To help microenterprises startup and growth through a Rural Microloan Revolving Fund; and Provide training and technical assistance to microloan borrowers and micro entrepreneurs.

Applications are due September 30, 2022; December 31, 2022; March 31, 2023; and June 30, 2023. Grants are available for up to \$205,000 annually. Cost sharing is required.

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

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USDA Equity Commission  
United States Department of Agriculture (USDA)

Notice announcing a meeting of the USDA Equity Commission. The purpose of the meeting is to provide USDA with an analysis of how its programs, policies, systems, structures, and practices contribute to barriers to inclusion or access, systemic discrimination, or exacerbate or perpetuate racial, economic, health and social disparities and recommendations for action.

The meeting will be held on Wednesday, September 21 and Thursday, September 22, 2022, from 10 a.m. to 5:30 p.m. ET each day. The public can participate via a zoom meeting link.

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

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Solicitation of Nominations to Serve on the BEA Advisory Committee  
Department of Commerce (Commerce)

Notice seeking nominations to serve on the Bureau of Economic Analysis Advisory Committee, to advise the Director of BEA on matters related to the development and improvement of BEA's national, regional, industry, and international economic accounts, with a focus on new and rapidly growing areas of the U.S. economy.

Nominations are due September 30, 2022.

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

## HEALTH and MENTAL HEALTH

CCRP Initiative: NIH Countermeasures Against Chemical Threats (CounterACT) Basic Research on Chemical Threats that Affect the Nervous System (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for basic research projects on chemical warfare agents, toxic industrial chemicals, and pesticides that have primary or secondary effects on the nervous system.

Applications are due October 27, 2022. An estimated six awards with a ceiling of \$300,000 per year are anticipated.

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

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The Metastasis Research Network (MetNet): MetNet Research Projects (U01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking proposals for the creation of research centers that support using systems level approaches to understand the non-linear, dynamic and emergent processes in metastasis.

Applications are due November 9, 2022. Multiple awards with a per-year ceiling of \$500,000 are anticipated.

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

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AHRQ National Research Service Award (NRSA) Institutional Research Training Grant (T32)  
Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking applications to enhance predoctoral and postdoctoral research training and ensure that a diverse and highly trained workforce is available and committed to the generation, translation and dissemination of new scientific evidence and analytical tools that will be used to improve health care delivery in the United States.

Applications are due December 1, 2022. Optional letters of intent are due October 14, 2022. Approximately \$9 million is available in FY 2023.

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

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BRAIN Initiative: Engineering and optimization of molecular technologies for functional dissection of neural circuits (UM1 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support the creation of Centers for accelerated engineering and optimization of high-impact, molecular technologies to monitor and/or manipulate brain cell activity in experimental animals.

Applications are due June 28, 2023, February 15, 2024, and October 17, 2024. Optional letters of intent are due 30 days prior to the application due date. Approximately \$13 million per year is available to fund five to nine awards.

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

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Centers for Oceans and Human Health 4: Impacts of Climate Change on Oceans and Great Lakes (COHH4) (P01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Science Foundation (NSF)

Notice seeking applications to characterize and evaluate the impact of climate change on emerging public health threats associated with marine and Great Lakes Basin environments. Each center will include distinct but integrated research projects on marine or Great Lakes exposures, mechanisms of toxicity or human exposure, and the influence of climate change, using multidisciplinary ocean science, analytical, toxicological and biomedical approaches.

Applications are due November 1, 2022. Optional letters of intent are due October 1, 2022. Approximately \$8.5 million per year is available to fund six awards.

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

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Exploratory Developmental Grants Related to the World Trade Center Health Program (R21)  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to achieve a suitable mix of projects and interventions focusing on sustainable health behaviors and the lifestyle factors.

Applications are due December 6, 2022. Optional letters of intent are due November 1, 2022. Approximately \$4 million is available to fund four to eight awards.

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

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HEAL Initiative: Opioid Exposure and Effects on Placenta Function, Brain Development, and Neurodevelopmental Outcomes (R01 and R21 Basic Experimental Studies with Humans Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to study the impact of opioids, alone or in combination with other substances of misuse, on placenta function and neurodevelopment during pregnancy and in the first year of life using experimental designs that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical and/or behavioral outcomes in humans to understand fundamental aspects of phenomena related to opioid exposure during pregnancy.

Applications are due December 7, 2022. Optional letters of intent are due November 8, 2022. Approximately \$12.8 million is available to fund 15 awards.

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

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HEAL Initiative: Opioid Exposure and Effects on Placenta Function, Brain Development, and Neurodevelopmental Outcomes (R21 Clinical Trial Not Allowed)

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

Notice seeking applications to support developmental/exploratory studies of the impact of opioids, alone or in combination with other substances of misuse, on placenta function and neurodevelopment during pregnancy and in the first year of life.

Applications are due December 7, 2022. Optional letters of intent are due November 8, 2022. Approximately \$12.8 million is available to fund 15 awards in FY 2023.

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

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Open Competition: Environmental influences on Child Health Outcomes (ECHO) Pregnancy Cohort Study Sites. Clinical Trial Not Allowed (UG3 UH3)

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

Notice seeking proposals for new Environmental influences on Child Health Outcomes (ECHO) Cohort Study Sites to extend and expand the capacity of the ECHO Cohort to further investigate the roles of a broad range of early exposures from society to biology, including the preconception period, on ECHO's five key child health outcome areas.

Applications are due November 21, 2022. Approximately \$117 million is available to fund approximately 50 awards.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

FY23 Neotropical Migratory Bird Conservation Act Grants  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking proposals for projects that promote the conservation of neotropical migratory birds and their habitats in the United States, Canada, Latin America and the Caribbean. 300% matching funds are required.

Applications are due November 3, 2022. An estimated 30 awards with a ceiling of \$200,000 are anticipated.

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

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Science and Technology Studies  
National Science Foundation (NSF)

Notice seeking proposals to support proposals across a broad spectrum of research that uses historical, philosophical and social scientific methods to investigate STEM theory and practice. STS research may be empirical or conceptual; specifically, it may focus on the intellectual, material or social facets of STEM including interdisciplinary studies of ethics, equity, governance and policy issues.

Proposals are due February 2, 2023 and August 3, 2023. Approximately \$6.2 million is available to fund 40 awards.

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

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Optomechanical Thermal Imaging (OpTIm) Technical Area (TA) 1 Proposers Day  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice announcing a proposers' day webcast for the Optomechanical Thermal Imaging (OpTIm) Technical

Area (TA) 1 program. The OpTIm TA1 program seeks to demonstrate a new class of room-temperature, integrated optomechanical infrared (IR) detectors and thermal sensors in the mid-wave IR (MWIR) and long-wave IR (LWIR) regimes with performance metrics that bridge the gap between room temperature microbolometers and cryogenic, quantum-limited IR photodetectors.

The Proposers Day will be held via webcast on September 9, 2022 from 10 a.m. to 5 p.m. Advance registration is required for viewing the webcast. Registrations are due September 2, 2022.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Advanced Scientific Computing Advisory Committee  
Department of Energy (Energy)

Notice announcing a meeting of the Advanced Scientific Computing Advisory Committee with the following agenda: View from Germantown; ASCR Priority Research Directions; Update on Exascale project activities; Update on planning for an integrated research infrastructure; Report from Working Group on collaboration with the National Cancer Institute; Technical presentations; and Public Comment.

The meeting will be held virtually on September 30, 2022 from 10:00 a.m. to 3:00 p.m. ET.

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

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Environment-driven Conceptual Learning (ECOLE)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office (I2O)

Notice announcing a proposers' day to provide information to potential proposers on the objectives of the anticipated Environment-driven Conceptual Learning (ECOLE). The ECOLE program will create artificial intelligence (AI) agents capable of continually learning from language and vision to enable human-machine collaborative analysis of image, video, and multimedia documents during time-sensitive, mission-critical DoD analytic tasks, where reliability and robustness are essential.

The Proposers Day will be held virtually on September 15, 2022, from 1:00 p.m. to 6:00 p.m (ET) via Zoom. Check-in begins at 12:00PM (ET). Advance registration is required to attend and due September 12, 2022.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Heliophysics Advisory Committee  
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Heliophysics Advisory Committee. The purpose of the meeting is soliciting, from the science community and other persons, scientific and technical information relevant to program planning.

The meeting will be held on Tuesday, September 20, 2022, 1:00 p.m.-6:00 p.m., and Wednesday, September 21, 2022, 11:00 a.m.-3:00 p.m., ET. The meeting will take place telephonically and via WebEx.

LINKS: [Federal Register](#)

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Establishment of the Ocean Research Advisory Panel and Solicitation of Nominations for Membership  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice soliciting membership in the newly-established Ocean Research Advisory Panel to advise the Ocean Policy Committee on certain ocean science and research policies, procedures, priorities, and other appropriate matters.

Nominations are due September 30, 2022.

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

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Notice of Availability- Commercial Aerospace Opportunities at Johnson Space Center  
National Aeronautics and Space Administration (NASA), Johnson Space Center (JSC)

Notice seeking to further leverage JSC's unique location, developable land, and infrastructure to achieve Agency programmatic objectives while also encouraging the development of a healthy and robust United States commercial space sector. NASA is seeking partners interested in developing commercial aerospace capabilities on vacant JSC land.

Responses are due October 31, 2022. Colleges and universities are eligible to partner.

LINKS: [Contract Opportunities](#)