

## ARTS, HUMANITIES, and INTERNATIONAL

Request for Information (RFI) and Expression of Interest (EOI) on USAID Burma Higher Education Scholarship Program Activity  
United States Agency for International Development (USAID)

Notice seeking information for designing a new activity to increase access to inclusive higher education through scholarship opportunities for youth in Burma.

Responses are due September 30, 2022.

LINKS: [Contract Opportunities](#)

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National Digital Newspaper Program  
National Endowment for the Humanities (NEH)

Notice seeking applications to create a national digital resource of historically significant newspapers published between 1690 and 1963, from all the states and U.S. jurisdictions.

Applications are due January 12, 2023. Optional draft applications are due December 1, 2022. The maximum award amount is \$325,000.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY23 Guidelines for Brownfield Assessment Grants (Assessment Coalition Grants)  
Environmental Protection Agency (EPA)

Notice seeking applications designed for one "lead" eligible entity to partner with two to four eligible entities that do not have the capacity to apply for and manage their own EPA cooperative agreement and otherwise would not have access to Brownfields Grant resources.

Applications are due November 22, 2022. Approximately \$20 million is available to fund 20 awards. Colleges and universities are eligible to partner.

LINKS: [Grants.gov](#)

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FY23 Guidelines for Brownfield Assessment Grants (Community-Wide Assessment Grants)  
Environmental Protection Agency (EPA)

Notice seeking applications to ensure that residents living in communities historically affected by economic disinvestment, health disparities, and environmental contamination have an opportunity to benefit from brownfields redevelopment. Community-wide Assessment Grants are appropriate for communities that are beginning to address their brownfield challenges, as well as for communities that have ongoing efforts to bring sites into productive reuse.

Applications are due November 22, 2022. Approximately \$30.5 million is available to fund 61 awards.

Limited Submission: Applicants can apply for only one Community-wide Assessment Grant.

LINKS: [Grants.gov](#)

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FY23 Guidelines for Brownfield Multipurpose (MP) Grants

Environmental Protection Agency (EPA)

Notice seeking applications for communities that have identified, through community engagement efforts, a discrete area (such as a neighborhood, a number of neighboring towns, a district, a corridor, a shared planning area, or a census tract) with one or more brownfield sites.

Applications are due November 22, 2022. An estimated 17 awards of up to \$800,000 each is available.

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

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FY23 Guidelines for Brownfields Cleanup Grants  
Environmental Protection Agency (EPA)

Notice seeking applications to provide funding to carry out cleanup activities at brownfield sites owned by the applicant.

Applications are due November 22, 2022. Approximately \$60 million is available to fund 73 awards.

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

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FY23 Guidelines for Brownfields Revolving Loan Fund Grants  
Environmental Protection Agency (EPA)

Notice seeking applications to provide loans and subgrants to eligible entities to carry out cleanup activities at brownfield sites contaminated with hazardous substances and/or petroleum. Site eligibility will be determined by EPA after grant award and prior to expending grant funds at any site.

Applications are due November 22, 2022. An estimated 10 awards of up to \$1 million each is available. Coalition member are not eligible.

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

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GLRI Forest Restoration 2022  
United States Department of Agriculture (USDA), Forest Service (FS)

Notice seeking applications to support competitive projects that implement strategic, priority actions within Forest Service authorities to restore, protect, and maintain the Great Lakes ecosystem. Successful projects will implement reforestation and other forest restoration activities to address invasive species, nonpoint source pollution impacts on nearshore health, and habitat restoration in coastal and riparian areas.

Applications are due November 14, 2022. Approximately \$4.15 million is available.

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

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USDA Regional Food Business Centers  
United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications to serve as the cornerstone of USDA's development of local and regional supply chains. They will offer coordination, technical assistance, and capacity building support to small and mid-sized food and farm businesses, with the goal of creating a more resilient, diverse, and competitive food system. AMS will award cooperative agreements to regionally based partners to support USDA's work on regional food supply chains.

Applications are due November 22, 2022. The maximum award amount is \$50 million. Colleges and universities are eligible to partner.

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

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President's Board of Advisors on Historically Black Colleges and Universities  
Department of Education (Education)

Notice announcing a meeting of the President's Board of Advisors on Historically Black Colleges and Universities. The purpose of the Board is to advise the President, through the White House Initiative on Historically Black Colleges and Universities (Initiative), on all matters pertaining to strengthening the educational capacity of Historically Black Colleges and Universities (HBCUs).

The meeting will be held on September 20, 2022, from 10:00 a.m. to 2:00 p.m. E.T. in the Georgetown Room at the Washington Hilton hotel. An RSVP is required to attend the meeting and due September 17, 2022. Submit a reservation by email to the [whirsvps@ed.gov](mailto:whirsvps@ed.gov) mailbox.

LINKS: [Federal Register](#)

## HEALTH and MENTAL HEALTH

Bioengineering Research Grants (BRG) (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI); National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking proposals for collaborations between the life and physical sciences that: apply a multidisciplinary bioengineering approach to the solution of a biomedical problem; and integrate, optimize, validate, translate or otherwise accelerate the adoption of promising tools, methods, and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice.

Applications are due October 31, 2022. Multiple awards are anticipated.

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

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Development of Animal Models and Related Materials for HIV AIDS Research (R24 Clinical Trials Not Allowed)

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

Notice seeking proposals aimed at developing, characterizing, or improving animal models for HIV/AIDS research or for improving access to information about or generated from the use of these specialized animal models for such research.

Applications are due January 7, 2023. Multiple awards are anticipated.

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

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NIH Blueprint for Neuroscience Research: Computational Training in Neuroscience and Behavior (T90 R90 - Clinical Trial Not Allowed)

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

Notice seeking proposals that will establish research training programs in computational neuroscience and behavior for undergraduate and predoctoral level students.

Applications are due November 29, 2022. An estimated \$2.2 million is available to fund four to five awards.

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

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NINR Areas of Emphasis for Research to Optimize Health and Advance Health Equity (R01 R21 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Nursing Research (NINR)

Notice seeking proposals for research rooted in nursing's holistic, contextualized approach to understanding people and their health, address the nation's most pressing and persistent health challenges with a solutions orientation, and employ innovative and rigorous study designs to inform practice and policy. R21 and R01 mechanisms are available.

R01 proposals are due November 9, 2022. R21 proposals are due November 21, 2022. Multiple awards are anticipated.

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

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Resource-Related Research Projects for Development of Animal Models and Related Materials (R24 Clinical Trials Not-Allowed)

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

Notice seeking proposals aimed at developing, characterizing or improving animal models of human diseases; improving access to information about or generated from the use of animal models of human disease; or improving diagnosis and control of diseases of laboratory animals.

Applications are due October 13, 2022. An estimated \$5 million is available to fund six awards.

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

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Agency for Healthcare Research and Quality (AHRQ)-sponsored National Research Service Award (NRSA) Individual Postdoctoral Fellowship (F32)

Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking applications to enhance the research training of promising postdoctoral candidates who have the potential to become productive, independent investigators in health services research, with a research interest in areas and priorities relevant to the mission of AHRQ.

Applications are due annually on December 8, April 8, and August 8. Program expires August 9, 2025.

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

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Centers of Biomedical Research Excellence (COBRE) Phase 1 (P20 - Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications to build capacity in an area of biomedical research through the establishment of a center of excellence that helps develop a critical mass of investigators who are able to compete effectively for independent research funding and improve infrastructure in the center's area of research.

Applications are due January 30, 2023, January 30, 2024, and January 30, 2025. Optional letters of intent are due 30 days prior to the application due date.

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

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NIAID Investigator Initiated Program Project Applications (P01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking proposals to address scientific areas relevant to the NIAID mission including: biology and pathogenesis of infectious microbes, including HIV; host-microbe interactions; mechanisms regulating immune system development and function across the lifespan, and in response to infectious pathogens; immune dysfunction resulting in allergy, asthma, autoimmunity, immunodeficiency, or transplant rejection; and translational research to develop vaccines, therapeutics, and diagnostics to prevent and treat infectious and immune-mediated diseases.

Applications are due January 11, 2023. Multiple awards are anticipated.

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

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National Cancer Institute; Notice of Meeting  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Cancer Institute Council of Research Advocates with the following agenda: Welcome and Chairwoman's Remarks; NCI Acting Director's Update; and NCI Updates and Legislative Update.

The meeting will be held virtually on September 28, 2022 from 12:00 to 3:00 p.m. ET.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Coastal Hypoxia Research Program (CHRP)  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals to improve the understanding of physical/biogeochemical effects of coastal hypoxia and potential synergies with other stressors on living resources, habitats, and food webs.

Applications are due January 10, 2023. An estimated three to five awards with a ceiling of \$400,000 are anticipated.

LINKS: [Grants.gov](#)

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FY22 23 Recovery Challenge Fund  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking proposals to enhance and increase partnerships with agencies and organizations implementing high priority recovery actions for endangered and threatened species, in particular for genetically-sound breeding, rearing, and reintroduction programs, as well as to develop or update recovery plans.

Applications are due November 15, 2022. An estimated \$4.8 million is available to fund up to 23 awards. 50% matching is required.

LINKS: [Grants.gov](#)

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Generating Communication Channels to Operate (GeCCO)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Strategic Technology Office (STO)

Notice seeking proposals to enable secure communications for military applications in permissive environments by using a flexible communications architecture to deploy virtual network services to preserve privacy by preventing pattern-of-life analysis. Today's distributed operations across the globe require a small logistical footprint in order to enable collaboration with mission partners while still preserving privacy of communications.

Proposals are due November 8, 2022. Questions are due October 7, 2022. Approximately \$25.5 million is available for Phase 1 awards. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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ROSES 2022: Transform to Open Science Training  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to advance open science literacy for all who do research relevant to NASA's science directorate through training and workshops targeting audiences from undergraduate students to established scientists and managers.

Applications are due December 8, 2022. An estimated \$2.9 million is available to fund 11 to 19 awards.

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

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Chain Reactions Innovations  
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking applications to help selected innovators in the physical sciences and energy technologies to mature their early-stage innovations. The Department of Energy will provide funding to Argonne National Laboratory to support selected innovators in developing their technology.

Applications are due October 31, 2022. Department of Energy's Oak Ridge Institute for Science and Education (ORISE) fellowship will be provided to the selected innovators for the first year, with the possibility of renewal. Individuals are eligible. The project period is for up to two years. 10 awards are anticipated.

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

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Desalination and Water Purification Research Program: Research Projects  
Department of the Interior (Interior), Bureau of Reclamation

Notice seeking proposals to develop innovative, cost-effective, and technologically efficient ways to desalinate or treat water.

Applications are due November 30, 2022. Approximately \$2 million is available to fund four to ten awards.

LINKS: [Grants.gov](#)

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Notice of Funding Opportunity Announcement (NOFO), Minority Serving Institutions Grants Program (MSIG), Scholarships, and Fellowships, Fiscal Year 2023  
NRC (Nuclear Regulatory Commission)

Notice seeking applications to assist MSIs in their effort to increase the number of students and faculty from groups underrepresented in fields related to the nuclear and STEM-related industry.

Applications are due December 9, 2022. Five awards are anticipated. MSIs are eligible.



Limited Submission: Only two applications per institution is allowed.

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

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Quantum Sensing Challenges for Transformational Advances in Quantum Systems  
National Science Foundation (NSF)

Notice seeking proposals to support interdisciplinary teams of three or more investigators to explore highly innovative, original, and potentially transformative research on quantum sensing. The QuSeC-TAQS program supports coordinated efforts to develop and apply quantum sensor systems, with demonstrations resulting in proof of principle or field-testing of concepts and platforms that can benefit society.

Required preliminary proposals are due December 16, 2022. Proposals are due April 3, 2023. Approximately \$25 million is available to fund 10 to 12 awards.

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

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ROSES 2022: Strategic Astrophysics Technology  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support the maturation of key technologies for potential infusion in spaceflight missions.

Mandatory Notices of Intent are due October 21, 2022. Proposals are due December 15, 2022. Approximately \$10 million is available.

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

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Small Surface Water and Groundwater Storage Projects  
Department of the Interior (Interior), Bureau of Reclamation

Notice seeking applications for essential tools in stretching the limited water supplies in the Western United States. Water storage projects enhance and make more reliable municipal and irrigation water supplies as well as provide opportunities to enhance groundwater management abilities and to provide water quality improvements and ecosystem benefits. These projects will provide Western communities with new sources of water and increase water management flexibility, making water supply more reliable.

Applications are due December 9, 2022. Approximately \$20 million is available to fund one to four awards. Cost sharing 75 percent or more of the total project costs is required.

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

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Steerable Optical Aperture Receivers (SOAR)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice seeking proposals to identify promising new approaches to optical beam steering in miniature form factors, and experimentally demonstrate their operation in receive mode for small aperture sizes. The  $\mu$ E seeks to develop optical interfaces that can receive light from any direction without a priori knowledge of the incoming angle. The SOAR interface must actively steer the angle of acceptance in order to either (i) acquire and couple the input beam into a common output mode defined by the proposer, or (ii) detect the optical signal within the receiver interface.

Proposals are due October 13, 2022 to <https://baa.darpa.mil/>. The total award value for the combined Phase 1 and Phase 2 is limited to \$1 million.

LINKS: [Contract Opportunities](#)

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Space Power Conversion Electronics (SPCE) Proposers Day  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice announcing a proposers' day for Space Power Conversion Electronics. The objective of the SPCE program is to develop radiation-tolerant high-voltage transistors with high performance and the integration technology to enable compact, high conversion ratio point of load (POL) converters for space applications.

The meeting will be held on September 26, 2022, from 10 a.m. to 4 p.m. ET. The SPCE Proposers Day will be a hybrid event. The in-person event will be at the Executive Conference Center (ECC), Strategic Analysis, Inc., 4075 Wilson Blvd. Suite 300, Arlington, VA. Registrations are required and due by September 22, 2022.

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