

## ARTS, HUMANITIES, and INTERNATIONAL

Independent Film and Media Arts Field-Building Initiative  
National Endowment for the Arts (NEA)

Notice seeking proposals to strengthen connectivity across the independent film and media arts field through knowledge exchange and peer learning, with a focus on equity and career sustainability.

Proposals are due August 9, 2022. Approximately \$100,000 is available. Cost sharing of at least 50 percent is required.

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

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AML-CFT Capacity Building in the Federal Republic of Nigeria  
Department of State (State), Bureau of Counterterrorism (CT)

Notice seeking proposals to strengthen the Federal Republic of Nigeria's capacity to successfully implement its anti-money laundering and countering the financing of terrorism (AML/CFT) regime, with a particular focus on meeting international standards set by the Financial Action Task Force (FATF).

Applications are due July 22, 2022. Up to \$2,765,432 is available.

LINKS: [Grants.gov](#)

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Advisory Committee for International Science and Engineering Notice of Meeting  
National Science Foundation (NSF)

Notice announcing a meeting of the NSF Advisory Committee for International Science and Engineering with the following agenda: Updates on OISE activities; Review of OISE Programs & Broadening Diversity of Institutions; Review of Diplomatic Activities; and Meet with NSF leadership.

The meeting will be held virtually on July 11, 2022 from 10:00 a.m. to 3:00 p.m. ET.

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

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## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Lead and Healthy Homes Technical Studies (LHHTS) Grant Program Pre- and Full Application  
Department of Housing and Urban Development (HUD)

Notice seeking proposals for studies to improve HUD's and the public's knowledge of housing-related health and safety hazards and to improve or develop new hazard assessment and control methods, with a focus on lead and other key residential health and safety hazards.

Applications are due July 18, 2022. An estimated 13 awards with a ceiling of \$1 million are anticipated.

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

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Susan Harwood Training Grant Program: Targeted Topic Training; Training and Educational Materials Development; and Capacity Building Developmental & Capacity Building Pilot  
Department of Labor (Labor)

Notice seeking proposals to advance the job quality of the American workforce by providing disadvantaged, underserved, low-income, or other hard-to-reach, at-risk workers hazard awareness, avoidance, and

control training to protect them from on-the-job hazards, and to inform workers of their rights and employers of their responsibilities under the OSH Act. Mechanisms are available for: Targeted Topic Training; Training and Educational Materials Development; and Capacity Building Development and Capacity Building Pilot Programs.

Applications are due August 1, 2022. Up to \$11,787,000 is available to fund multiple awards.

LINKS: [Solicitation](#)

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NAWCA 2023 US Small Grants  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act (NAWCA). Projects must involve only long-term protection, restoration, enhancement and/or establishment of wetland and associated upland habitats to benefit migratory birds.

Applications are due October 13, 2022. Approximately \$3 million is available to fund multiple awards. Cost sharing is required.

LINKS: [Grants.gov](#)

## HEALTH and MENTAL HEALTH

Service Area Competition  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals to provide primary health care services to the Nation's medically underserved populations.

Applications are due August 15, 2022. Approximately \$230 million is available to fund 94 grants.

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

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Research Infrastructure for Trauma with Medical Observations (RITMO) Proposers Day  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Biological Technologies Office (BTO)

Notice announcing a proposer's day for Research Infrastructure for Trauma with Medical Observations (RITMO). RITMO seeks to develop trauma datasets that will enable future identification of physiological features predicting need for life-saving interventions (LSIs). These predictive features, or "signatures," could help medical responders perform scalable, timely, and more accurate triage.

The meeting will be held on June 29, 2022 from 9:00 a.m. to 5:00 p.m. ET virtually. Advance registration is required. Registrations are due by June 24, 2022.

LINKS: [Contract Opportunities](#)

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Advancing Research on Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) (R41, R42, R43, and R44 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA); National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking proposals from small businesses and their partners in higher education for research that may lead to the development of innovative products and/or services with the potential to advance progress

in preventing and treating Alzheimer's disease (AD) and AD-related dementias (ADRD) and/or caring for and treating patients living with AD/ADRD. SBIR and STTR mechanisms are available.

Applications are due January 5, 2023. An estimated 10 STTR and 40 SBIR awards are anticipated.

LINKS: [Grants.gov \(SBIR\)](#), [Grants.gov \(STTR\)](#)

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Transformative Artificial Intelligence and Machine Learning Based Strategies to Identify Determinants of Exceptional Health and Life Span (R21-R33 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications to develop novel, transformative artificial intelligence/machine learning (AI/ML) strategies and computer automation to integrate, extract, and interpret multi-omic (i.e., genome, epigenome, transcriptome, proteome, metabolome, microbiome, phenome) data sets from human exceptional longevity (EL) cohorts and multiple non-human species that display a wide variation in life span, and to decipher the relationships between DNA, RNA, proteins, metabolites, and other cell variables, as well as links to disease risks and exceptionally healthy aging.

Applications are due October 21, 2022. Optional letters of intent are due September 21, 2022. Approximately \$750,000 is available to fund four awards.

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

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Center for Mental Health Services National Advisory Council  
Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Center for Mental Health Services National Advisory Council.

The meeting will be held Thursday, August 18, 2022, 10:00 a.m. to 4:00 p.m., ET. The meeting is virtually only at <https://www.zoomgov.com/j/1608093739?pwd=M01ubE1nVENzZzZHT3drc0dUYWVLU09>

LINKS: [Federal Register](#)

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Division of Chemistry: Disciplinary Research Programs  
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to support a large and vibrant research community engaged in fundamental discovery, invention, and innovation in the chemical sciences. The projects supported by CHE explore the frontiers of chemical science, develop the foundations for future technologies and industries that meet changing societal needs, and prepare the next generation of chemical researchers.

Proposals are due September 30, 2022 for Chemical Catalysis (CAT); Chemical Structure, Dynamics and Mechanisms-B (CSDM-B); and Chemical Synthesis (SYN). Proposals are due October 31, 2022 for Chemical Measurement and Imaging (CMI); Environmental Chemical Sciences (ECS); and Macromolecular, Supramolecular and Nanochemistry (MSN). Approximately \$105 million is available to fund 245 awards.

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

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Launching Early-Career Academic Pathways in the Mathematical and Physical Sciences (LEAPS-MPS)  
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals from pre-tenure faculty in Mathematical and Physical Sciences (MPS) fields at institutions that do not traditionally receive significant amounts of NSF-MPS funding.

Applications are due January 26, 2023. An estimated 32 to 48 awards with a ceiling of \$250,000 are anticipated.

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

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ROSES 2022: Fundamental Physics  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for flight experiments to be performed using the Cold Atom Laboratory facility beginning as soon as late 2024, and proposals for ground-based research, both theory and experiment, to identify and develop the foundation for future space-based experiments in the field of fundamental physics.

Applications are due July 19, 2022. Approximately \$2 million is available to fund five to seven ground-based awards and two to three flight awards.

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

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NASA Astrophysics Advisory Committee; Meeting  
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the NASA Astrophysics Advisory Committee to discuss the following agenda: Astrophysics Division Update; Updates on Specific Astrophysics Missions; and Reports from the Program Analysis Groups.

The meeting will be held virtually on July 20 and 21, 2022.

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

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Computational and Data-Enabled Science and Engineering  
National Science Foundation (NSF)

Notice seeking proposals to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data-analysis approaches and best practices. The CDS&E meta-program supports projects that harness computation and data to advance knowledge and accelerate discovery above and beyond the goals of the participating individual programs.

Proposals are due between September 1 - September 15, annually.

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

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Disruptioneering Program Announcement  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking proposals to identify and create the next generation of scientific discovery by pursuing high-risk, high-payoff research initiatives across a broad spectrum of science and engineering disciplines and transforming these initiatives into disruptive technologies for U.S. national security.

Proposals are due June 20, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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FY2022-2026 DTRA Chemical and Biological Technologies BAA Call 1  
Department of Defense (Defense), DefenseE Threat Reduction Agency (DTRA)

Notice seeking proposals for Novel Sampling and Diagnostics Methods for the Warfighter; Development of a Multi-pathogen Vaccine; and Optimization and Scaling of Membrane Systems.

Phase 1 proposals are due August 16, 2022. Questions are due June 29, 2022.

LINKS: [Contract Opportunities](#)

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Redefining Possible - 2022  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for applied research, advanced technology development, platform demonstrations, or systems studies that aim to redefine the future of warfighting across four domains: Air, Ground, Maritime, and Space.

Applications will be accepted until June 21, 2023. Multiple awards are anticipated.

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

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ROSES 2022: Living with a Star Science  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to provide a scientific understanding of the system that leads to predictive capability of the space environment conditions at Earth, other planetary systems, and in the interplanetary medium.

Required Step-1 proposals are due September 8, 2022. Step-2 proposals are due November 10, 2022. Approximately \$2.5 million is available to fund 10 to 14 awards.

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

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Walk-through Rendering from Images of Varying Altitudes (WRIVA)  
Intelligence Advanced Research Projects Activity (IARPA), Director of National Intelligence (DNI),  
Department of the Interior (Interior)

Notice seeking applications to develop software algorithm-based systems that can create photorealistic, navigable three-dimensional site models using a highly limited corpus of imagery, to include ground level imagery, surveillance height imagery (traffic camera), UAV altitude imagery, and Satellite imagery.

Proposals are due August 5, 2022. Questions are due July 11, 2022. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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DOE NSF Nuclear Science Advisory Committee  
Department of Energy (Energy), National Science Foundation (NSF)

Notice announcing a meeting of the DOE/NSF Nuclear Science Advisory Committee with the following agenda: Perspectives from the Department of Energy and National Science Foundation; Update from the Department of Energy and National Science Foundation's Nuclear Physics Office; Presentation of new Charge for the Long-Range Plan; Discussion of the Long-Range Plan Charge; Update on DNP planning for Community Workshops; and NSAC Business/Discussions.

The meeting will be held virtually on July 13, 2022 from 9:00 a.m. to 3:30 p.m. ET.

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