

ARTS, HUMANITIES, and INTERNATIONAL

Japanese American Confinement Sites Grant Program
Interior

Notice seeking proposals to provides financial assistance to organizations and entities working to preserve historic Japanese American confinement sites and their history, including: private nonprofit organizations; educational institutions; state, local, and tribal governments; and other public entities, for the preservation and interpretation of U.S. confinement sites where Japanese Americans were detained during World War II.

Proposals are due November 14, 2024. The maximum award amount is \$500,000.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Community Food Projects Competitive Grant Program
U.S. Department of Agriculture

Notice seeking proposals for two types of grant projects: 1) Planning Projects and 2) Community Food Projects. Projects should be designed to address two or more of the program goals, should be designed to require a one-time contribution of federal assistance to become self-sustaining, and should address how they will ensure a comprehensive and sustainable approach to resolving food and nutrition security and hunger.

Proposals are due November 7, 2024. An estimated \$4.8 million is available. A match will be required, and awards range from \$25,000- \$400,000.

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

2024 Build to Scale
Commerce

Notice seeking proposals to increase the capacity of entrepreneurs in regions throughout the United States to demonstrate, deploy, and deliver new technologies by starting and growing new companies and creating and sustaining new, good jobs.

Proposals are due October 28, 2024. An estimated \$50 million is available to fund 40 to 50 awards. A minimum one-to-one (1:1) match is required.

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

HEALTH and MENTAL HEALTH

Basic Research in Cancer Health Disparities
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for projects conducting basic, mechanistic research into the biological/genetic causes of cancer health disparities. These research project grants will support innovative studies designed to investigate biological/genetic bases of cancer health disparities, such as (1) mechanistic studies of biological factors associated with cancer health disparities, including those related to basic research in cancer biology or cancer prevention strategies, (2) the development and testing of new methodologies and models, and (3) secondary data analyses. Award mechanisms include [R01](#) and [R21](#),

R21 proposals are due October 16, 2024. R01 proposals are due October 5, 2024. Award amounts will vary.

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

Mechanisms that Impact Cancer Risk after Bariatric Surgery
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support of investigator-initiated studies addressing mechanisms by which bariatric surgery impacts cancer risk. The program seeks to draw in talented scientists who study bariatric surgery to investigate its effects on cancer, rather than shorter term outcomes such as weight loss and diabetes.

R01 applications are due February 5, June 5, and October 5, n 2025), annually until January 8, 2028. R21 applications are due February 16, June 16, and October 16, (beginning in 2025), annually until January 8, 2028.

LINKS: [Grants.gov \(R01 Clinical Trial Optional\)](#); [Grants.gov \(R21 Clinical Trial Not Allowed\)](#); [Solicitation](#)

Research Grant Programs for Alzheimer's and Related Dementia
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals from low-and middle-income country (LMIC) institutions, to support Alzheimer's Disease (AD) and AD-related dementia (ADRD) research. Multiple opportunities are available, including supporting junior investigators as well as experienced investigators from LMICs and encouraging collaborative and innovative research into aging and Alzheimer's Disease and related diseases of dementia. Researchers are expected to collaborate with US scientists. Award mechanisms included [U01](#) and [R03](#).

Proposals are due November 7, 2024. Award amounts will vary.

LINKS: [Grants.gov \(R03\)](#); [Grants.gov \(U01\)](#)

State-based Healthcare Extension Cooperatives to Accelerate Implementation of Actionable Knowledge into Practice (U19)
U.S. Department of Health and Human Services

Notice seeking proposals to create State-based Healthcare Extension Cooperatives (Cooperatives) to conduct an initiative based on patient-centered outcome research (PCOR) evidence to improve care for medically underserved people; the initiative's focus must be on behavioral healthcare. To support this initiative, the Cooperative will (1) engage key stakeholders, including Medicaid agencies, managed care organizations, and other organizations that address the health needs of medically underserved people, in identifying and addressing barriers and facilitators to implementing patient-centered healthcare delivery improvements based on PCOR evidence, (2) work with healthcare policy, payment, community, care delivery, and research organizations that serve medically underserved populations to build their capacity to implement patient-centered healthcare delivery improvements based on PCOR evidence and to support ongoing learning, (3) conduct evaluations of the impacts and refinements of the processes of the Cooperative's activities, and (4) provide the support structure to ensure these activities are integrated and aligned.

Proposals are due December 12, 2024. Award amounts will vary.

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

U.S. Department of Health and Human Services, National Institutes of Health

Notice announcing a meeting of the Interagency Autism Coordinating Committee (IACC) scheduled to discuss the draft 2024 IACC Strategic Plan Update, which is focused on co-occurring conditions and their impacts on health outcomes in autistic individuals. This draft report summarizes current knowledge of several physical and mental health conditions and identifies additional research, services, and policy needs to improve health outcomes related to these conditions for autistic people in all communities.

The meeting will be held September 23, 2024, from 9:00 a.m. to 11:00 a.m. (ET) via webinar. Registration information will be posted on the [IACC website](#).

LINKS: [Federal Register](#)

Clinical Coordinating Center for NCCIH Multi-Site Investigator-Initiated Clinical Trials of Mind and Body Interventions (Collaborative UG3-UH3 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for investigator-initiated multisite clinical trials (e.g., efficacy, effectiveness, or pragmatic trials) to study the effects of complementary and integrative health approaches with physical and/or psychological therapeutic inputs (often called mind and body interventions), and/or multicomponent interventions that include physical, psychological, and/or nutritional approaches in NCCIH-designated areas of high research priority. Clinical coordinating centers (CCC) should develop and implement the proposed fully powered multisite clinical trial (Phase III and beyond).

Proposals are due February 20, 2025. Awards may vary.

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

Organs-on-a-Chip in Dental, Oral, and Craniofacial Research (DOC-OoCs) (R01 and R21 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that advances the validation of organ-on-a-chip (OoC) towards disease modeling and pre-clinical efficacy studies in dental, oral, and craniofacial (DOC) research. It is expected that outcomes will advance the use of validated reproducible three-dimensional microfluidic systems into the framework of clinical trials with demonstrated usefulness as new approach methodologies for DOC clinical research. Award mechanisms included are [R01](#) and [R21](#).

Proposals are due November 19, 2024. An estimated \$2 million is available to fund four to five R01 awards. An estimated \$1 million is available to fund three to four awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Army Geospatial Center (AGC) FY24 Broad Agency Announcement
Defense

Notice seeking proposals to fund research and technology development in areas relating to the advancement of a wide variety of geospatial topics.

White papers are accepted on a rolling basis until 365 days from the announcement date. Selected applicants will be invited to submit a full proposal. Multiple awards are anticipated.

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

Biomedical Research Initiative for Next-Gen BioTechnologies - SynBio Control
National Science Foundation

Notice seeking proposals for projects to accelerate the translation of novel fundamental synthetic and engineering biology advances to early-stage biomedical technologies. Projects will be in two phases, and plans should address both. Phase I: fundamental research to pursue proof of principle synthetic and engineering biology research and supported by NSF. Phase II: exploratory research to translate findings toward biomedical technologies will be supported by NIH. Potential areas of interest include but are not limited to: novel design principles for the characterization and design of new synthetic biology tools and parts and/or regulation and control of biological process in cells/tissues.

Proposals are due December 4, 2024. An estimated \$2.4 million is available to fund up to eight awards.

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

Energy Storage Pilot Demonstrations
Energy

Notice seeking proposals to fund technology demonstrations for energy storage solutions at the pilot-scale. The program will focus on non-lithium technologies with long-duration (10+ hour) discharge in stationary storage applications, potentially including electrochemical, mechanical, and/or thermal solutions.

Required concept papers are due October 16, 2024. An estimated \$100 million is available to fund 10 to 15 awards. Cost sharing is required.

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

Ethical and Responsible Research
National Science Foundation

Notice seeking proposals for projects that focus on what constitutes or promotes responsible and ethical research in science, technology, engineering, and mathematics (STEM) fields. The program promotes the development, improvement, and dissemination of responsible and ethical research practices and aims to build on organizational cultures that value and reward such practices. Proposers may examine responsible and ethical research practices across one or more career stages. This can include, for example, the research practices of students, postdoctoral fellows, faculty, or practitioners. Projects could seek to improve responsible and ethical research practices in teams, organizations, or communities, or between researchers and the public or may include the development of interventions that promote responsible and ethical research practices, including in multidisciplinary, inter-organizational, cross-sector, translational, or international contexts.

Proposals are due January 23, 2025. An estimated \$5.4 million is available to fund 10 to 15 awards.

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

Exploration of Highly Complex Defense Systems
Defense

Notice seeking applications from researchers, engineers, and subject matter experts to attend an invitation-only workshop focused on design, development, and management of highly complex systems.

Applications are due October 4, 2024. The workshop will be held November 13-15, 2024 in Boston, MA.

LINKS: [Contract Opportunities](#)

Automated Processes for Knowledge Discovery and Information Retrieval
Defense

Notice seeking proposals for innovative research to develop, demonstrate, integrate, test, evaluate, and deliver technologies that process and exploit multi-source, multi-domain classified, open source, non-traditional source data to improve Battlespace Awareness, derive decision quality information, and automate analysis/decision processes.

Required white papers are due November 30, 2024. An estimated \$20 million is available to fund multiple awards.

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

Biological Technologies
Defense

Notice seeking proposals to develop capabilities that leverage the unique properties of biology – adaption, replication, resilience and complexity, to revolutionize how the United States defends the homeland and prepares and protects its warfighters.

Proposals are due September 10, 2025. Abstracts are encouraged by September 10, 2025. Multiple awards are anticipated.

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

Desalination and Water Purification Research Program: Research Projects FY25
Interior

Notice seeking proposals to address the need to reduce the costs, energy requirements, and environmental impacts of treating impaired and unusable water.

Proposals are due November 13, 2024. An estimated \$2 million is available to fund 3 to 10 awards.

LINKS: [Grants.gov](#)

FY24 Scale-Up of Integrated Biorefineries
Energy

Notice seeking proposals to address the scale-up of promising technical pathways that produce cost-effective biofuels for aviation, marine, rail, off-road vehicle and heavy-duty trucks, and renewable chemicals. This FOA will fund the development, testing, and verification at engineering scale, of new technology and feedstock pathways for integrated biorefineries to reduce technology uncertainty through cost-shared pilot- and demonstration-scale biorefinery projects with industry.

Concept papers are due November 7, 2024. An estimated \$12 million is available to fund up to four awards. Cost sharing is required.

LINKS: [Grants.gov](#)

Naval Engineering Education Consortium (NEEC) Broad Agency Announcement for Fiscal Year (FY) 2025 (FY25)
Defense

Notice seeking proposals directed toward projects involving undergraduate or combined graduate student efforts that supports the professional development/growth of students across the technical disciplines within Ship and Submarine Design and supporting technologies.

Proposals are due October 30, 2025.

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

Strategic Catalyst Announcement for AI-BTO
Defense

Notice seeking white papers to catalyze future efforts in the topics of Prediction and Health, Autonomous Science, Simulation, Biomanufacturing and Synthetic Biology, Challenges with Scale, and Frontier topics through the generation and/or processing of data sets. AI BTO employs an acquisition strategy to encourage participation by new or non-traditional proposers that bring Artificial Intelligence (AI) and Machine Learning (ML) innovations to Biological Technologies Office (BTO).

Required white papers are due October 9, 2024. Questions are due September 25, 2024. Multiple awards are anticipated.

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

NASA Advisory Council
National Aeronautics and Space Administration

Notice announcing a meeting of the NASA Advisory Council. The agenda will include Climate Change, Commercial and Industry Partnerships, Diversity, Equity, Inclusion and Accessibility, International Collaboration, and Program Management and Acquisition. It will also include reports from the Committees.

The meeting will be held October 1, 2024, 1 p.m.-5 p.m. CT; and October 2, 2024, 8:30 a.m.-1:30 p.m. CT. Meeting will be virtual.

LINKS: [Federal Register](#)

POWER Receiver Array Demonstration (PRAD) Proposers Day
Defense

Notice announcing a proposers day for the PRAD program. The PRAD program is to demonstrate a ground-based receiver array for optical laser power to address challenges in the Persistent Optical Wireless Energy Relay (POWER) Program. Optical laser power beaming technology delivers energy over long distances via transmission by laser beam that is then directed towards a receiving station.

The proposers' day will be held virtually on September 17, 2024 from 12:30 p.m. to 3:30 p.m. (EDT). Registrations are due by September 16, 2024.

LINKS: [Contract Opportunities](#)