

UNO FOCUS:

NRC Research Associateship Programs (RAP)
National Academies of Sciences, Engineering, and Medicine

The NRC Research Associateship Programs (RAP) are prestigious postdoctoral and senior research awards designed to provide promising scientists and engineers with high-quality research opportunities at federal laboratories and affiliated institutions. These programs offer a comprehensive experience, including mentorship, access to state-of-the-art facilities, and opportunities to influence government policy, all geared toward enhancing the research career development of the Associates.

Awardee benefits include stipends ranging from \$45,000 to \$97,490, which may be higher based on experience; health insurance (including dental and vision); relocation benefits; and a professional travel allowance. Application deadline dates (four annual review cycles) are: February 1, May 1, August 1, November 1.

LINKS: [NationalAcademies.org](https://www.nationalacademies.org)

ARTS, HUMANITIES, and INTERNATIONAL

Digital Humanities Advancement Grants
National Endowment for the Humanities

Notice seeking proposals for innovative, experimental, and/or computationally challenging digital projects leading to work that can scale to enhance scholarly research, teaching, and public programming in the humanities.

Applications are due January 11, 2024. An estimated ten awards of various funding levels are anticipated.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Fiscal Year (FY) 2024 AmeriCorps State and National Competitive Grants AmeriCorps
CNCS

Notice seeking applications from eligible organizations proposing to engage AmeriCorps members in evidence-based or evidence-informed interventions/practices to strengthen communities.

Applications are due January 4, 2024.

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

Landscape Scale Restoration Grant Program 2024
U.S. Department of Agriculture

Notice encouraging collaborative, science-based restoration of priority rural forest landscapes. This program supports, high impact projects that lead to measurable outcomes on the landscape, leverage public and private resources, and further priorities identified in each State Forest Action Plan or equivalent restoration strategy.

Applications for the midwest and northeast regions are due November 30, 2023. Applications for the southern region are due December 15, 2023. Award amounts vary.

LINKS: [Grants.gov \(Midwest and Northeast Regions\)](#); [Grants.gov \(Southern Region\)](#)

Rapid Response Fund for Aquatic Invasive Species
Interior

Notice seeking proposals to assess and support response actions for quick containment or eradication of newly detected aquatic invasive species.

Applications are due October 18, 2023, with quarterly deadlines after. An estimated \$960,000 is available to fund multiple awards.

LINKS: [Grants.gov](#)

USDA Forest Service - GLRI Forest Restoration 2023
U.S. Department of Agriculture

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.

Applications are due October 23, 2023. Estimated \$5.3 million is available.

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

USDA Forest Service Inflation Reduction Act Forest Landowner Support
U.S. Department of Agriculture

Notice seeking proposals for financial assistance grants for projects that support underserved and small-acreage forest landowner participation in emerging private markets for climate mitigation and forest resilience.

Applications will be accepted until August 21, 2024. Estimated \$150 million is available to fund multiple awards.

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

HEALTH and MENTAL HEALTH

Device Based Treatments for Substance Use Disorders (UG3-UH3 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking the development of devices to treat Substance Use Disorders (SUDs). The continuing advances in technologies offer unprecedented opportunities to develop neuromodulatory or neurophysiological devices that are safe and effective SUD treatments. The objective is to move devices to their next step in the FDA approval process, with the ultimate goal of generating new, FDA approved device-based treatments for SUDs.

Optional letters of intent are due 30 prior to the due date. Applications are due August 13 and December 18 annually through August 14, 2026. Application budgets are limited to \$500,000 direct costs for each year.

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

Exploratory-Developmental Grants on Lifestyle Medicine Research Related to the World Trade Center Health Program (R21)
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice encouraging exploratory/developmental research by providing support for the early and conceptual stages of project development which assess the feasibility of new areas of investigation with the potential to enhance treatment effectiveness and diagnostic practices. These studies may lead to breakthroughs in a particular area, or to the development of new techniques, agents, methodologies, models, or approaches with major clinical impacts.

Optional letters of intent are due November 1, 2023. Applications are due December 5, 2023. Approximately \$4 million is available for up to eight awards.

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

Exploratory-Developmental Grants Related to the World Trade Center Survivors (R21-No Applications with Responders Accepted)

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice encouraging exploratory/developmental research by providing support for the early and conceptual stages of project development which assess the feasibility of new areas of investigation with the potential to enhance treatment effectiveness and diagnostic practices.

Optional letters of intent are due November 1, 2023. Applications are due December 5, 2023.

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

HEAL Initiative: HEAL KIDS (Knowledge, Innovation and Discovery Studies) Pain: Acute Pain Clinical Trials Program (U01 Clinical Trial Required)

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

Notice inviting applications to support innovative, multi-site, large-scale investigator-initiated clinical trials to advance the understanding, assessment, measurement, treatment, and prevention of acute pain in infants, children, and adolescents, including those with disabilities and/or experiencing health disparities.

Optional letters of intent are due October 20, 2023. Applications are due November 20, 2023. Awards are up to \$2.1 million.

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

Research Projects to Enhance Applicability of Mammalian Models for Translational Research (R01 Clinical Trial Not Allowed)

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

Notice inviting applications for projects to expand, improve, or transform the utility of mammalian cancer and tumor models for translational research.

Applications are due annually on February 5, June 5, and October 5 through September 8, 2026. Application budgets are limited to \$499,000 direct costs per year.

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

Service Area Competition

U.S. Department of Health and Human Services, Health Resources and Services Administration

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

Applications are due October 16, 2023. An estimated \$179 million is available to fund approximately 65 awards.

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

AHRQ Improving Diagnostic Safety in Ambulatory Care: Strategies and Interventions (R18)
U.S. Department of Health and Human Services

Notice seeking proposals focused on developing strategies and interventions to improve diagnostic safety in the heterogenous ambulatory care environment.

Applications are due January 25, 2024. Multiple awards are anticipated.

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

AHRQ Understanding and Improving Diagnostic Safety in Ambulatory Care: Incidence and Contributing Factors (R01)
U.S. Department of Health and Human Services

Notice seeking proposals focused on understanding and improving diagnostic safety in the heterogenous ambulatory care environment.

Applications are due February 5, 2024. Multiple awards are anticipated.

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

Chimeric Antigen Receptor (CAR) Approaches to AD-ADRD (R61-R33 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to provide a proof-of-principle for a novel strategy for Alzheimer's disease (AD) and AD-related dementias (ADRD) immunotherapies. Specifically, the goal is to examine whether a novel immunotherapeutic approach in cancer immunotherapy with chimeric antigen receptor (CAR) immune cells can be customized as treatments for AD/ADRD.

Applications are due February 7, 2024. Estimated \$5 million is available to fund 8 to 10 awards.

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

Engaging Survivors of Sexual Violence and Trafficking in HIV and Substance Use Disorder Services (R34 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support exploratory research and preliminary interventions to address the interrelated and compounding contextual factors that contribute to substance use and HIV risk among survivors of sex trafficking.

Applications are due August 5, 2024. Estimated \$1.5 million is available to fund five to six awards in FY 2025.

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

Mechanisms that Impact Cancer Risk with Use of Incretin Mimetics (R01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to promote preclinical and patient-based studies examining the mechanism(s) through which incretin mimetics (including agonists or antagonists of GLP-1, GIP-1, or dual GLP-1/GIP-1 agents) impact cancer risk, and to draw talented scientists who understand the dynamic changes caused by these agents to investigate the mechanisms of how these agents influence cancer risk rather than shorter term outcomes such as weight loss and diabetes.

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

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

Precision Surgical Interventions BAA
U.S. Department of Health and Human Services

Notice seeking proposals to develop intraoperative end-to-end solutions for enhanced visualization of cancerous tissues.

Required abstracts are due September 21, 2023. Multiple awards are anticipated.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for senior individual research training fellowships from experienced scientists who wish to make major changes in the direction of their research careers or who wish to broaden their scientific background by acquiring new research capabilities as independent investigators in research fields relevant to the missions of participating NIH Institutes and Centers.

Applications are due December 8, 2023. Multiple awards are anticipated.

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

Seamless Early-Stage Clinical Drug Development (Phase 1 to 2a) for Novel therapeutic Agents for the Spectrum of Alzheimer's Disease (AD) and AD-related Dementias (ADRD) (UG3-UH3 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications that bundle independent protocols for phase 1 clinical trials with phase 1b/phase 2a clinical trials to streamline the early-stage evaluation of promising pharmacological interventions for Alzheimer's disease (AD) and AD-related dementias (ADRD).

Applications are due February 21, 2024, June 20, 2024, and October 21, 2024. Program expires November 20, 2026.

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

The NCI Predoctoral to Postdoctoral Fellow Transition Award (F99-K00 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to encourage and retain outstanding graduate students recognized by their institutions for their high potential and strong interest in pursuing careers as independent cancer researchers. The award will facilitate the transition of talented graduate students into successful cancer research postdoctoral appointments and provide opportunities for career development activities relevant to their long-term career goals of becoming independent cancer researchers.

Applications are due November 17, 2023 and November 19, 2024. Estimated \$1.1 million is available to fund 24 awards for two years.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Bipartisan Infrastructure Law (BIL) - Advanced Processing of Critical Minerals and Materials for Industrial and Manufacturing Applications
Energy

Notice seeking applications to advance the processing of Rare Earth Elements and Critical Minerals for Industrial and Manufacturing Applications. This Funding Opportunity has two Topic Areas: 1. Advanced Process Development for Production of Rare Earth Metals and Co-Production of Critical Minerals and Materials from Coal-Based Resources; and 2. Production of Critical Minerals and Materials Excluding Rare Earth Materials from Coal-Based Resources.

Applications are due October 20, 2023. Estimated \$30 million is available to fund six to seven awards. Cost share must be at least 20 percent.

LINKS: [Grants.gov](#)

Ecology and Evolution of Infectious Diseases
National Science Foundation

Notice seeking proposals for research on the ecological, evolutionary, organismal, and social drivers that influence the transmission dynamics of infectious diseases.

Applications are due November 15, 2023. Estimated \$36 million is available to fund up to 12 awards.

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

EMpowering BRoader Academic Capacity and Education
National Science Foundation

Notice seeking proposals for geosciences-related research and educational efforts at "non-R1" institutions, including non-R1 minority serving institutions, two-year colleges, primarily undergraduate institutions, and emerging research and masters level institutions.

Applications are due November 20, 2023. Estimated \$6 million is available to fund 20 to 25 awards.

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

Minerva Research Initiative's (Minerva) Defense Education and Civilian University Research (DECUR) Partnership
Defense

Notice seeking proposals to develop collaborative basic research partnerships between Defense Professional Military Education (PME) Institutions and Civilian Research Universities by supporting basic research projects that improve capacities in defense-related basic social science to inform Department of Defense (DoD) policy makers and decision leaders.

Required white papers are due October 4, 2023. Applications are due December 12, 2023. The maximum amount for each award is \$200,000. Five to Six awards are anticipated.

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

Program Announcement for Artificial Intelligence Exploration (AIE)
Defense

Notice seeking proposals to enable exploratory research on a range of AI related topics that will be periodically solicited as AIE Opportunities.

Proposals are due anytime until August 20, 2024. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

ROSES 2023: Heliophysics Low Cost Access to Space
National Aeronautics and Space Administration

Notice seeking proposals to investigate key heliophysics science questions and to advance the development of technologies and their application to enable new investigations of heliophysics science questions in the coming years.

Proposals are due November 21, 2023. Estimated \$4 million to \$5 million is available to fund four to seven awards.

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

ROSES 2023: PACE Science and Applications Team
National Aeronautics and Space Administration

Notice seeking proposals to join the next Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Science and Applications Team (SAT), which will be in place for a three-year period (FY24-26) during the post-launch PACE era.

Notices of intent are due September 28, 2023. An estimated 12 to 15 awards with an approximate budget of \$3 million are anticipated.

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

Social, Cultural and Economic Assessment of Harmful Algal Blooms
Commerce

Notice seeking proposals to produce actionable information and user-driven products that will enable resource managers to assess management and policy strategies, as well as increase scientific understanding on issues threatening ecosystems and communities relating to harmful algal blooms.

Required letters of intent are due October 13, 2023. Estimated \$1.5 million is available to fund up to five awards.

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

Windows on the Universe: The Era of Multi-Messenger Astrophysics
National Science Foundation

Notice seeking proposals to support research to advance the interoperability of studies using electromagnetic waves, high-energy particles including neutrinos and cosmic rays, and gravitational waves

to realize integrated, multi-messenger astrophysical explorations of the universe.

Deadline dates vary.

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

Fusion Energy Sciences Advisory Committee Energy

Notice announcing a meeting of the Fusion Energy Sciences Advisory Committee. The purpose of the Committee is to make recommendations on a continuing basis to the Director, Office of Science of the Department of Energy, on the many complex scientific and technical issues that arise in the development and implementation of the fusion energy sciences program.

The meeting will be held Monday, September 18, 2023; 12:00 p.m. to 5:00 p.m. virtually via Zoom.

LINKS: [Federal Register](#)

Next-Generation Microelectronics Manufacturing (NGMM) Workshop Defense

Notice announcing a workshop to explore challenges and recommendations to guide the establishment of a domestic research and development (R&D) center for prototyping and pilot-line manufacturing of three-dimensional heterogeneously integrated (3DHI) microsystems.

The workshop will be held on September 19, 2023 at the DARPA Conference Center (DCC), 675 North Randolph Street, Arlington, VA from 8:30 a.m. to 5:00 p.m. ET. Registrations are due September 12, 2023.

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