

## UNO FOCUS:

NRC Research Associateship Programs  
NASEM

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 Research Associates.

Applicants must have earned a Ph.D., Sc.D., M.D., D.V.M., or academically equivalent research doctorate before beginning tenure. Applications are due by May 1, 2024.

LINKS: [NASEM](#)

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National Lab Research Announcement (NLRA)  
ISS National Laboratory

The purpose of this ISS National Lab Research Announcement (NLRA) is to solicit proposals for applied research and development seeking to demonstrate space-based manufacturing and production activities of advanced materials or technologies only attainable in microgravity. Flight projects selected via this research announcement may be awarded funding to support the development, and mission integration and operations for projects that will be implemented on the ISS.

Before being invited to submit a full proposal, all interested investigators must first complete and submit a concept summary for review by May 2, 2024.

LINKS: [ISS National Laboratory](#)

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Environmental Literacy & Workforce Development Competitive Research Program  
Louisiana Sea Grant College Program (LSG)

Projects funded through this competitive grant can explore activities that increase the environmental literacy of our communities and/or help to build a diverse, skilled workforce to address future challenges. Given the strong emphasis on education, these projects must include strong education and/or outreach. Issues that could be explored could relate to the efficacy of place-based learning, fisheries trainings for a changing workforce, outreach to build community resilience, participatory science research projects, providing educational partnerships/pathways, evaluating educational interventions, etc. These activities should carefully consider and identify their audience(s), which may include, but are not limited to, K-12 schools, teachers, community colleges, undergraduate students or adult audiences.

The maximum one-year award that LSG will provide is \$50,000, with a 50% non-federal matching funds commitment (i.e., if you request \$30,000 from Sea Grant, you must provide \$15,000 of non-federal match). Externally sponsored projects are ineligible to serve as a match. LSG through its host institution (LSU A&M) will issue a separate subaward to the lead participating institution. Full proposals are due by April 26, 2024 at 11:59 PM CDT.

LINKS: [LA Sea Grant](#)

## ARTS, HUMANITIES, and INTERNATIONAL

International Foreign Language Education (IFLE): Fulbright-Hays Faculty Research Abroad (FRA) Fellowship Program, Assistance Listing Number 84.019A  
Education

Notice seeking proposals to conduct research abroad in modern foreign languages and area studies to improve skill in languages and knowledge of the culture of the people of these countries.

Proposals are due April 23, 2024. An estimated 25 awards with a ceiling of \$40,000 are anticipated.

LINKS: [Grants.gov](#); [Federal Register](#)

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U.S. Embassy Monrovia PDS Annual Program Statement  
State

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and Liberia through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Proposals are due April 5, 2024. Estimated \$131,465 is available to fund up to five awards.

LINKS: [Grants.gov](#)

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Humanities Initiatives  
National Endowment for the Humanities

Notice seeking proposals to strengthen the teaching and study of the humanities at institutions of higher education by developing new or enhancing existing programs, resources (including those in digital format), or courses that explore, interpret, and preserve the diversity of human cultures, ideas, and practices, past and present.

Proposals are due May 7, 2024. The maximum award amount is \$150,000.

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

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U.S. Embassy Havana PAS Small Grant Program in Support of the Cuban Private Sector  
State

Notice seeking proposals for programs that will strengthen the emerging Cuban private sector by facilitating the transfer of American know-how and values to emerging entrepreneurs, expanding entrepreneurship opportunities to a broader, more diverse audience, and strengthening ties between American and Cuban businesses to benefit both. Proposed programs should carefully consider how to provide an effective mix of materials generally applicable to starting and running a business and how those materials must be adapted to the unique and complex Cuban business environment.

Proposals are due April 5, 2024. Estimated \$400,000 is available to fund several awards.

LINKS: [Grants.gov](#)

## **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

Farmers Market Promotion Program Fiscal Year 2024  
U.S. Department of Agriculture

Notice seeking proposals to support the development, coordination, and expansion of direct producer-to-consumer markets to increase access to and availability of locally and regionally produced agricultural products.

Proposals are due May 14, 2024. Estimated \$10.5 million is available.

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

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Local Food Promotion Program Fiscal Year 2024  
U.S. Department of Agriculture

Notice seeking proposals to support the development, coordination, and expansion of local and regional food business enterprises that engage as intermediaries in indirect producer-to-consumer marketing to increase access to and availability of locally and regionally produced agricultural products.

Proposals are due May 14, 2024. Estimated \$10.5 million is available.

LINKS: [Grants.gov](#)

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Neighborhood Access and Equity Program Broad Agency Announcement  
U.S. Department of Transportation

Notice seeking proposals to conduct research and applied research that lead to or support the goal of reconnecting communities and neighborhoods that were previously cut off from economic opportunities by transportation infrastructure and could lead to innovative changes and revolutionary advances for transportation planning in the United States.

White papers are due March 27, 2024. Estimated \$2 million is available.

LINKS: [Contract Opportunities](#)

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Regional Food System Partnerships  
U.S. Department of Agriculture

Notice seeking proposals for partnerships that connect public and private resources to plan and develop local or regional food systems.

Proposals are due May 14, 2024. Estimated \$5 million is available to fund up to 75 awards.

LINKS: [Grants.gov](#)

## HEALTH and MENTAL HEALTH

INCLUDE (INvestigation of Co-occurring conditions across the Lifespan to Understand Down syndromE)  
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 proposals from graduate students from diverse research fields to pursue postdoctoral training focused on Down syndrome related research.

Proposals are due July 1, 2024. Estimated \$1.5 million is available to fund up to 20 awards.

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

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NIA MSTEM: Advancing Diversity in Aging Research (ADAR) through Undergraduate Education (R25 - Independent Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support the development and implementation of research education programs in the field of aging for undergraduate students from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences.

Proposals are due May 25, 2024. Multiple awards are anticipated.

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

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Translational Neural Devices (R61 R33 - Clinical Trial Optional)

**FON:** PAR-24-151

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

Notice seeking proposals to pursue translational activities and small clinical studies to advance the development of therapeutic, and diagnostic devices for disorders that affect the nervous or neuromuscular systems.

Proposals are due May 29, 2024. Multiple awards are anticipated.

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

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Addressing Health Inequities in Clinical Diagnostics (R41-R42 Clinical Trials Not Allowed)

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

Notice seeking proposals to pursue the development of improved clinical diagnostics or the development of alternative clinical diagnostics that address health disparities created by clinical laboratory assays and/or point-of-care devices that fail to incorporate diverse patient groups.

Proposals are due annually on September 5, January 5, and April 5. Program expires January 6, 2027.

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

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Building Interdisciplinary Research Careers in Women's Health (BIRCWH) (K12 Clinical Trial Optional)

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

Notice seeking proposals to support mentored research career development of junior faculty members, known as BIRCWH Scholars, who have recently completed clinical training or postdoctoral fellowships, and who will be engaged in interdisciplinary basic, translational, data science, behavioral, clinical, and/or health services research relevant to the health of women and, where appropriate, the use of both sexes to better understand the influence of sex as a biological variable on health and disease.

Proposals are due May 30, 2024. Estimated \$7.5 million per year is available to fund 8 to 10 awards.

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

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Developing Digital Therapeutics for Substance Use Disorders (UG3 UH3 Clinical Trial optional)

**FON:** PAR-24-064

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

Notice seeking proposals to accelerate the development of Digital Therapeutics (DTx) to treat Substance Use Disorders.

Proposals are due March 26, 2024. Multiple awards are anticipated.

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

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Institutional Translational Research Training Program (T32 - Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to equip trainees with the knowledge and skills needed to advance basic research toward clinical application. These programs will support students, postdocs, and/or fellowship-stage clinicians conducting basic, disease-relevant research in an environment that includes 1) basic scientists and clinicians who are actively engaged in collaborative research projects, 2) neuroscience researchers with expertise in translational processes who are conducting research designed to move basic discoveries toward clinical application and 3) relationships with industry and government regulatory agencies.

Proposals are due annually on May 25. Program expires May 26, 2026.

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

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NIDCD Early Career Research (ECR) Award (R21 Clinical Trial Optional)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support both basic and clinical research from scientists who are beginning to establish an independent research career in deafness and other communication disorders.

Proposals are due June 18, 2024. Multiple awards are anticipated.

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

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NIDCD Mentored Career Development Award for Postdoctorate Au.D.-Ph.D. Audiologists  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support comprehensive and rigorous postdoctoral research and career development experiences in the biomedical, behavioral, or clinical sciences of promising Au.D./Ph.D. audiologists who have the potential to become productive, independent investigators in scientific health-related research fields relevant to NIDCD's mission. Applicants not planning an independent clinical trial, or proposing to gain research experience in a clinical trial led by another investigator, must apply to companion NOFO ([PAR-24-150](#) and [PAR-24-159](#)).

Proposals are due June 13, 2024 and October 17, 2024. Multiple awards are anticipated.

LINKS: [Grants.gov \(K01 Clinical Trial Required\)](#); [Grants.gov \(K01 Independent Clinical Trial Not Allowed\)](#); [Grants.gov \(K01 Independent Basic Experimental Studies with Humans Required\)](#)

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Office-Wide Innovative Solutions Opening  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to create a fair and efficient process to solicit, evaluate, and select revolutionary ideas to achieve better health outcomes for all Americans.

Abstract are due March 3, 2025 when the solicitation is available March 15. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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Secondary Analyses of Head Start Data  
U.S. Department of Health and Human Services, Administration for Children and Families

Notice seeking proposals to support researchers conducting secondary analyses of data to address key questions of relevance to Head Start (HS), Early Head Start (EHS), American Indian and Alaska Native (AI/AN), and Migrant and Seasonal Head Start (MSHS) programs. Findings are intended to inform policy, program administration, and future research.

Proposals are due April 26, 2024. Estimated \$1 million is available to fund 10 awards.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2024 Norman E. Borlaug International Agricultural Science and Technology Fellowship Program  
U.S. Department of Agriculture

Notice seeking proposals to host international agricultural professionals conducting research on country-specific topics.

Proposals are due April 8, 2024. An estimated 22 awards of \$75,000 are anticipated.

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

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Agriculture and Food Research Initiative Sustainable Agricultural Systems  
U.S. Department of Agriculture

Notice seeking creative and visionary proposals that take a systems approach for projects that are expected to significantly improve the supply of affordable, safe, nutritious, and accessible agricultural products, while fostering economic development and rural prosperity in America.

Proposals are due June 6, 2024. Estimated \$80 million is available to fund multiple awards.

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

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FreeSol Broad Agency Announcement  
Defense

Notice seeking innovative technical approach concept papers addressing space and cyber technologies, to enable capabilities to counter emerging space threats.

Concept papers are due any time until February 23, 2029. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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FY25 Department of Defense Multidisciplinary Research Program of the University Research Initiative (MURI)  
Defense

Notice seeking proposals from university researchers on specific topics related to advancing technology in Department of Defense priorities.

Proposals are due September 6, 2024. Estimated \$200 million is available to fund up to 25 awards.

LINKS: [Grants.gov \(Navy\)](https://www.grants.gov); [Grants.gov \(Army\)](https://www.grants.gov); [Grants.gov \(Air Force\)](https://www.grants.gov)

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Hispanic-Serving Institutions: Enriching Learning, Programs, and Student Experiences  
National Science Foundation

Notice seeking proposals to: Enhance the quality of undergraduate science, technology, engineering, and mathematics (STEM) education at HSIs and Increase the recruitment, retention, and graduation rates of students pursuing associates or baccalaureate degrees in STEM at HSIs.

Proposals are due June 4, 2024 for Educational Instrumentation. Estimated \$19 million is available to fund 23 to 33 awards. HSIs are eligible.

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

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Ideas Lab: Use-Inspired Acceleration of Protein Design  
National Science Foundation

Notice seeking proposals accelerate the translation of novel approaches to protein design and enable new applications of importance to the U.S. bioeconomy.

Required preliminary proposals are due April 23, 2024. Estimated \$40 million is available to fund two to eight awards.

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

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Inflation Reduction Act Funding for Advanced Biofuels  
Energy

Notice seeking proposals for research to advance the field of biofuels in one of two topic areas: Pre-pilot Scale-Up of Integrated Biorefinery Technologies; and Biointermediate Processing Toolbox.

Required concept papers are due March 22, 2024. Estimated \$9.4 million is available to fund up to five awards.

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

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Next Era of Wireless and Spectrum  
National Science Foundation

Notice seeking proposals to develop the intellectual capital enabling the U.S. to smoothly and quickly transition to effective new ways of using and managing the radio and optical spectrum after the end of the current spectrum era of long-term exclusive-use license auctions, thereby sustaining and advancing the social, economic, scientific, and U.S. national leadership benefits derived from the electromagnetic spectrum.

Proposals are due May 28, 2024. Estimated \$13.2 million is available to fund 18 to 24 awards.

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

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FY2024 CHIPS R&D National Advanced Packaging Manufacturing Program (NAPMP) Materials and Substrates  
Commerce

Notice seeking proposals for research and development activities that will establish and accelerate domestic capacity for advanced packaging substrates and substrate materials.

Required concept papers are due April 12, 2024. Estimated \$300 million is available to fund multiple awards.

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

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Transponders for Ionospheric Measurement (TIM)  
Defense

Notice seeking proposals to prototype low size, weight, power, and cost (SWAP-C) distributable channel sounding and transponder instrumentation that will measure and respond to radio frequency (RF) signals in the high-frequency (HF) band. This instrumentation will be used to validate ionospheric measurements for improved environmental situational awareness of radio propagation and to create test signal sources for HF radars.

Abstracts are due March 22, 2024. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)