



UPR external funding success is of utmost importance to strengthen the connection between its investigators/faculty and funding entities who have the potential to sponsor their research and academic endeavors. This publication has been developed in order to summarize funding opportunities and promote the participation of faculty and collaborative research groups in their intent to apply for external funds. Such efforts are aligned with the UPR Strategic Plan 2017-2022: A New Era of Innovation and Transformation for Student Success; Certification 50 (2016-2017) of the Governing Board, December 19, 2016. Strategic Area: Research and Creative Work. Goal 2: Increase Applications for and awards of external funds for research and creative work.

SELECTED FUNDING OPPORTUNITIES

This is a selection of identified funding opportunities for the period ending 2/18/2026 and is in no way all-inclusive of funding opportunities available. Further information has been shared with External Resource Coordinators and Research Coordinators at each UPR campus.

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1. Agriculture and Food Research Initiative - Education and Workforce Development, USDA/NIFA

Application Deadlines: see specific program area

Award Amount: see specific program area

The AFRI is America's flagship competitive grants program that provides funding for fundamental and applied research, education, and extension projects in the food and agricultural sciences. In 2026, NIFA requests applications for the AFRI's EWD program area priorities to support:

1. professional development opportunities for K-14 educational professionals
2. non-formal education that cultivates food and agricultural interest in youth
3. workforce training at community, junior, and technical colleges
4. training of undergraduate students in research and extension
5. fellowships for predoctoral candidates
6. fellowships for postdoctoral scholars
7. education and workforce development workshop grants

Purpose and Priorities

The purpose of AFRI (listed in the Assistance Listings under number 10.310) is to support research, education, and extension projects that will help farmers, ranchers, foresters, and other agricultural producers address key problems of local, regional, and national importance in sustaining food and agricultural systems. These include farm and ranch production efficiency, profitability, and sustainability; domestic biofuels and bio-based products; forestry; aquaculture; rural communities and entrepreneurship; human nutrition; mitigating impacts of biotic and abiotic constraints on food production; food safety; prevention of agricultural pests and diseases, and genetic improvement of plants and animals. In addition, the economic sustainability of food systems is an overarching priority for the projects funded in response to this NOFO; therefore, projects focusing on plant or animal species or commodities that are important to small- or medium-sized farms or ranches are also welcome. Through this support, AFRI advances knowledge in both fundamental and applied sciences important to agriculture. Additionally, AFRI supports work in education and extension activities that deliver science-based knowledge to end users, allowing them to make informed, practical decisions. This AFRI EWD NOFO provides funding for research-only, education-only, extension-only, and/or integrated research, education, and/or extension projects addressing the six priorities identified in Part I, A. Each Program Area Priority within this NOFO may offer all or some of these project types.

The Program Area Priorities in this NOFO address the following legislatively-authorized sub priorities:

- a. Plant Health and Production and Plant Products
- b. Animal Health and Production and Animal Products
- c. Food Safety, Nutrition, and Health
- d. Bioenergy, Natural Resources, and Environment
- e. Agriculture Systems and Technology
- f. Agriculture Economics and Rural Communities.

Program Area Description

The Program Area Priorities in this NOFO address projected shortfalls of qualified graduates in the agricultural, food, forestry, range, and energy resources sectors of the U.S. economy (Employment Opportunities for College Graduates). Applicants are encouraged to develop projects that equip students with the foundational knowledge and skills in Artificial Intelligence (AI), preparing them to thrive in an increasingly digital society or support educators with tools and training needed not only train students about AI, but also to utilize AI in their classrooms to improve educational outcomes. Projects may create training programs that equip participants with essential skills and competencies across the respective program area priority learning pathways. This NOFO seeks applications for education and training grants that focus on further enhancing the distinct components of the pipeline for developing the workforce in the food and agricultural sciences. The AFRI EWD Program Area Priorities have four overarching

goals:

1. Growing Agricultural Literacy and Workforce Development for the Future offers institutional grants to provide K-14 teachers and administrators with increased knowledge of the food and agricultural sciences and help them develop improved curricula to train the agricultural workforce for the future.

Program Area 1. Professional Development for Agricultural Literacy

Application Deadlines: March 19, 2026

Award Amount: up to \$500,000 (including indirect costs) for a duration of 36-48 months

The program seeks to increase the number of K-14 educational professionals trained in the food and agricultural sciences. Participants (teachers, postbaccalaureate pre-service teachers, counselors, administrators) are expected to develop and apply skills necessary for integrating food and agricultural science concepts in their classes; explore the opportunities available in food and agricultural science career paths; and/or forge mentorships with professional and business leaders, and faculty at two- and four-year institutions.

Education, Extension, or Integrated Projects must:

- a. Promote faculty expertise and encourage widespread implementation of educational innovation at K-14 levels in the food and agricultural sciences. This includes topics that contain elements of the human sciences (e.g., disciplines that address issues challenging individuals, youth, families, and communities).
- b. Provide immersive learning experiences (e.g., teacher hands-on research, teacher experiential learning), curriculum development and implementation, and teaching training for K-14 education professionals (e.g., teachers, counselors, administrators) and post-baccalaureate pre-service teachers to create and replicate best practices to improve student success outcomes within the food and agricultural sciences.
 - 1) Projects including curriculum development components must be led by or include key personnel with curriculum development credentials to ensure materials produced comply with the most appropriate pedagogy, teaching standards, and other applicable institutional, state, and national accreditation requirements.
 - 2) For the purposes of this Program Area Priority, immersive learning experiences refer to those activities that allow the participant (i.e., K-14 education professionals) to learn by doing and participating in meaningful experiences. After being presented with a problem, participants research, try, solve, and reflect on the process allowing them to apply the lesson more broadly to their classroom, teaching, and lives.
- c. Non-exhaustive examples of projects include:
 - 1) Developing self-sustaining models for professional development that better prepare education professionals to provide outstanding teaching, guidance, institutional structures, etc., that enhance student outcomes in the food and agricultural sciences.
 - 2) Changing instructional approaches to effectively identify skill gaps and address conceptual areas particularly challenging to students.
 - 3) Integrating innovations in science and pedagogy into existing professional development programs (e.g., through hands-on research and extension experiences with partner institutions and laboratories).
 - 4) Exploring self-sustaining web-based approaches for professional development for education professionals.

- 5) Adapting curricula to train or retrain agricultural workforce for the future.
- 6) Other methods to fill the existing gap of professional development in advanced food and agricultural sciences for education professionals at the K-14 education level.

Each review cycle NIFA may award up to two grants per lead institution.

2. Training or Retraining of Agricultural Workers provides institutional training grants to develop a technology- and data-savvy workforce ready for the field and industrial jobs.

Program Area 2. Agricultural Workforce Training Grants at Community Colleges

Application Deadlines: March 19, 2026

Award Amount:

- **Design Projects:** up to \$250,000 (including indirect costs) for a duration of 12-24 months
- **Implementation Projects:** up to \$650,000 (including indirect costs) for a duration of 36-48 months

The Program seeks to develop a workforce ready for the field as well as industry jobs in the food and agricultural sector. Through the development of new workforce training programs, or the expansion, improvement, or renewal of existing workforce training programs at community, junior, and technical colleges/institutes, this program will expand job based experiential learning opportunities, acquisition of industry-accepted credentials and occupational competencies for students to enable a work-ready labor force for the 21st century. Proposals aimed towards developing baccalaureate or graduate degree programs or pathways towards these degrees are not supported under this Program Area Priority.

In order to strengthen the capacity of Community Colleges, the AWT program is offering two focus areas: Design and Implementation, with distinct requirements, goals, timelines, and maximum budgets. (1) Design projects seek to support faculty and staff to design and develop new credentialed workforce training programs that will train the workforce once the credential is recognized by the cognizant institution. Design projects do not support nor require student activities or training, but the development of training programs. (2) Implementation projects seek to train students to acquire the skills and tools necessary to secure an industry-accepted credential and join the workforce. Implementation projects may update or expand existing workforce training programs, but these activities are restricted to the first year of the grant; the remaining project time must be allocated to student training. AWT applicants must design their proposal based on the focus area that best fits their project's goals, objectives, and timeline. Applicants need not have applied or received a Design or Implementation project grant to be eligible to apply or receive the other focus area award.

Design Projects must:

- a. Be developed and carried out by community/junior/technical colleges or institutes with active partnership of employers or other community partners.
- b. Design and develop new workforce training programs or stackable-credential frameworks in the food and agricultural sciences at community, junior, and technical colleges or institutes aimed at developing a workforce ready for field and industrial jobs.
- c. Describe how the project or frameworks may link high school and community college education to enable participants to gain credentials to join, rejoin or advance in the workforce.
- d. Describe the type and relevance of the industry-accepted credential the workforce training program will provide to intended participants.
- e. Describe the type and relevance of experiential learning opportunities that will allow participants to gain on-the-job training and exposure to work environments.

- f. Provide a timeline and plan for the developed program or credential to be recognized by cognizant institutions.
- g. Articulate benefits accrued from the design project and provide evidence of a high likelihood that quality future implementation applications will be submitted.

Implementation Projects must:

- a. Provide students the skills and tools necessary to secure industry-accepted credentials to join the workforce upon participation completion.
- b. Be developed by, or in active partnership with, community/junior/technical colleges/ institutes and their industry partners. All applications to this Program Area Priority must demonstrate committed and active partnership with and relevant to industry.
- c. Expand and improve existing workforce training programs in the food and agricultural sciences at community, junior, and technical colleges/institutes to develop a workforce ready for field and industrial jobs.
- d. Describe the type and relevance of industry-accepted credential(s) the workforce training program will provide to participants.
- e. Allocate a reasonable portion of the funds to student support, including items, such as participant stipends, course enrollment, hands-on training, laboratory use fees, credential testing fees, and other costs that will allow the participant to attain the credential they are being trained for.

Each review cycle NIFA may award up to two grants, in any project type combination, per lead institution.

Program Area 3. Food and Agricultural Non-Formal Education

Application Deadlines: March 19, 2026

Award Amount: up to \$650,000 (including indirect costs) for a duration of 36-48 months

Major advances in agricultural productivity and rural prosperity in the past have resulted from transformative technologies, such as breeding tools and strategies and mechanization. There are several emerging technologies that hold a similar promise. This Program Area Priority will support content development and activities for non-formal education to foster development of technology-savvy youth. Projects must adopt or develop curriculum and activities to cultivate interest and competencies in STEM and in food and agricultural sciences supported by the six AFRI Farm Bill Priority Areas (Part I, A). Data science, including artificial intelligence, automation, robotics, gene editing, biotechnology and other projects involving emerging technologies will be supported in this Program Area Priority.

FANE applications must:

- a. Develop curriculum and activities to increase youth's understanding of emerging technologies such as; artificial intelligence, data science, gene editing, biotechnology, robotics, automation, and other innovations. Curriculum will promote the food and agricultural enterprise by highlighting technology-based careers. Projects should prepare youth to meet the needs of the future workforce through enhanced non-formal education modules.
- b. Develop curriculum and/or outreach materials that clearly communicate the benefits of emerging agricultural technologies.
- c. Complement and build upon programs that have successfully demonstrated youth development strategies and outcomes (i.e., 4-H programming, Agriculture in the Classroom, FDA's Agricultural Biotechnology Education and Outreach Initiative, etc.).
- d. Involve youth in the design, execution, and evaluation of activities that lead to the development of consumer-friendly content that builds public confidence in the safe use of artificial intelligence, data

science, biotechnology and other emerging technologies in agriculture and the food system.

3. Developing Pathways provides formal or non-formal education and experiential learning for students to enter or gain skills applicable to the food and agriculture fields. This NOFO seeks to support the development of non-formal education activities that cultivate interest and build public confidence in the safe and enhanced use of technology in food and agricultural sciences. See Part I, C.3 for “Food and Agricultural Non-formal Education” (Program Code A7801). This NOFO also offers grants that propose formal experiential learning for undergraduates in food, agriculture, or allied disciplines and helps them learn the technical and leadership skills required for employment in the food and agricultural sectors or for graduate programs.

Program Area 4. Research and Extension Experiences for Undergraduates

Application Deadlines: March 19, 2026

Award Amount: up to \$650,000 (including indirect costs) for a duration of 48 months

The program promotes research and extension learning experiences for undergraduates such that upon graduation they may enter the agricultural workforce with exceptional skills. This initiative allows colleges and universities to provide opportunities for undergraduate students, including those from community colleges.

Projects must provide undergraduate students with experiential learning opportunities that include significant research, extension/outreach, and/or education components in the food and agricultural sciences. Of interest are projects that provide experiences in innovative agricultural technologies, including artificial intelligence (AI), data science, robotics and other cutting edge digital tools. Incorporation of mentoring opportunities for undergraduates to train K-12 students in these areas to equip them with the foundational knowledge and skills and expose them to educational and career pathways in AI for food and agricultural sciences is encouraged.

Non-exhaustive examples of experiential projects include:

- a. Research and extension apprenticeships, internships, or similar participatory learning within the six AFRI Farm Bill Priority Areas (Part I, A).
- b. Practicums in agricultural laboratories, farms, or Cooperative Extension programs.
- c. Externships in the private or public sector.

Each review cycle NIFA may award up to two REEU projects per lead institution.

4. Advancing Science supports graduate and post-graduate education in food and agriculture disciplines.

Program Area 5. Predoctoral Fellowships

Application Deadlines: April 16, 2026

Award Amount: \$180,000 total per project limited to a total of \$60,000 per year for a duration of 48 months

The program helps develop new scientists and professionals to enter research, education, and/or extension fields within the food and agricultural sciences within the private sector, government, or academia. The aim of these fellowships is to cultivate future leaders who can solve emerging agricultural challenges of the 21st century. NIFA is particularly interested in supporting fellows that address (1) agricultural production capability; (2) new markets for agriculture and forestry products; (3) value-added innovation; and (4) agricultural science policy leadership.

Research, education, extension, and integrated research, education, and/or extension projects must include all of the following:

- a. Objectives that are aligned with one or more of the six AFRI Farm Bill Priority Areas (as described in Part I, A)
- b. Well-developed academic experiences
- c. Productive and interactive MentPs
- d. Appropriate and applicable training/career development activities
- e. Substantive evaluation plans (see the AFRI NOFO Resources webpage for additional information)

Eligible Predoctoral Fellows – The individual predoctoral PD must be a citizen, national, or permanent resident of the United States and, as per 7 CFR 3430.303, have advanced to candidacy, as per institutional requirements, by April 16, 2026.

Program Area 6. Postdoctoral Fellowships

Application Deadlines: April 30, 2026

Award Amount: \$244,000 for a duration of up to 24 months

The program helps to develop new scientists and professionals to enter research, education, and/or extension fields within the food and agricultural sciences within the private sector, government, or academia. The aim of these fellowships is to cultivate future leaders who can solve emerging agricultural challenges of the 21st century. NIFA is particularly interested in supporting fellows that address (1) agricultural production capability; (2) new markets for agriculture and forestry products; (3) value-added innovation; and (4) agricultural science policy leadership.

Research, education, extension and integrated research, education and/or extension projects must include all of the following:

- a. Objectives that are aligned with one or more of the six AFRI Farm Bill Priority Areas (Part I, A)
- b. Well-developed academic experiences and global competencies
- c. Productive and interactive mentoring
- d. Appropriate and applicable training/career development activities
- e. Substantive evaluation plans.

Eligible Postdoctoral Fellows – As per 7 CFR 3430.303, all doctoral degree requirements must be satisfied by no earlier than January 1, 2023, and no later than January 30, 2027.

Program Area 7. Education and Workforce Development Workshop Grants

Application Deadlines:

- **Letter of Intent:** must be submitted a minimum of 255 days before the workshop begins
- **Full Proposal:** Continuous throughout the year after submission of an approved LOI. If invited, the full Workshop Grant application must be submitted a minimum of 210 days before the start of the workshop.

Award Amount: up to \$50,000 for up to 60 months

Workshop grant applications should focus on at least one of the four overarching goals of this AFRI EWD Program Area:

1. Growing Agricultural Literacy and Workforce Development for the Future
2. Training or Retraining of Agricultural Workers

3. Developing Pathways for formal or non-formal experiential learning
4. Advancing Science via career development of graduate students and postdoctoral scholars in the food and agricultural sciences

Workshop grants submitted to the EWD NOFO may encompass any project type (research, education, extension, or integrated) but must focus on education and workforce development of K-14 students, undergraduates, graduate students, postdoctoral scholars, or educators. Workshop topics related to Artificial Intelligence (AI) related professional development for educators and students, workforce readiness, and experiential learning are welcome. Applications for scientific workshops that exclusively focus on disseminating the findings of fundamental or applied research or advancing areas of science unrelated to education, workforce training, or career development will not be accepted. Such requests should be directed to the AFRI Foundational and Applied Science NOFO.

Workshop grants must develop activities and programming that bring stakeholders together to discuss, coordinate, and advance innovations supportive of food and agriculture-related disciplines and workforce; activities should be interactive learning sessions with the goal of producing a collaborative result. A seminar activity (lecture/presentation) with a selected speaker is an eligible activity if it includes other engagement among workshop participants that advances agricultural literacy.

Link to Additional Information: <https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development>

2. Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets (R03 Clinical Trial Not Allowed), NIH

Application Deadline: June 23, 2026

Award Amounts: limited to \$200,000 in direct costs (excluding subcontract F&A) for a duration of one year

The goals of this NOFO are to 1) promote the use of Common Fund data sets by supporting pilot studies based on analyses across two or more Common Fund data sets; 2) enhance the utility of existing Common Fund data sets by developing workflows, analytic and simulation tools which will enable simultaneous analysis of multiple Common Fund data sets; and 3) demonstrate the added-value of integrating multiple Common Fund data resources in addressing biomedical research questions.

Investigators are encouraged to utilize various approaches including, but not limited to, systems approaches, artificial intelligence (including generative)/machine learning/deep learning methods, advanced data science methods for data set integration and harmonization, and incorporating computational modeling to bring together high throughput genotype and phenotype data sets. Because information regarding the user experience could help NIH improve its data resources, the recipients will provide feedback on the find ability, usability, and utility of data sets and public data portals, which the awardees will offer during a virtual CFDE R03 awardee meeting and in their close-out reports.

The established Common Fund data sets listed below are well-poised for increased community use. Applicants must propose using TWO or more Common Fund program data sets from the following list, and they can propose using other data sets (including additional NIH Common Fund data sets not listed, other NIH data sets, and non-NIH data sets that are publicly available). Note: applications that use MoTrPAC study data without including other CF datasets below will be considered. Like all applications for this award, other publicly available data is allowed. Applications using MoTrPAC data with CF datasets may be submitted and will be awarded in consideration with all multi-CF applications.

- 4D Nucleome (4DN) (<https://www.4dnucleome.org/>): Reference nucleomics and imaging data sets, including an expanding tool set for open data processing and visualization
- Acute to Chronic Pain Signatures (A2CPS) (<https://a2cps.org/>): Imaging, high-throughput omics, sensory testing, and psychosocial assessment data from patients who either transition to or are resilient to chronic pain
- Bridge to Artificial Intelligence (Bridge2AI) (<https://bridge2ai.org/>): Ethically sourced, trustworthy, and well-defined flagship biomedical and behavioral datasets on salutogenesis, clinical care, functional genomics, and voice as a biomarker. This program is in its early phase, and data generation is ongoing.
- Cellular Senescence Network (SenNet) (<https://commonfund.nih.gov/senescence>): Atlases and datasets of senescent cells and their secretomes. This program is in its early phase, and data generation is ongoing.
- Extracellular RNA Communication (exRNA) (<https://exrna.org/>): Catalog of exRNA molecules found in human biofluids like plasma, saliva, and urine; and potential exRNA biomarkers for diseases
- Gabriella First Kids First (KF) (<https://kidsfirstdrc.org/>): Data from whole-genome sequencing of cohorts with structural birth defects and/or susceptibility to childhood cancer, with associated phenotypic and clinical data
- Genotype-Tissue Expression (GTEx) (<https://www.gtexportal.org/home/>): Whole genome- and RNA sequence data from multiple human tissues to study tissue-specific gene expression and regulation, including tissue samples
- Glycoscience (GL) (<https://glygen.org/>): A data integration and dissemination project for carbohydrate and glycoconjugate related data
- Human BioMolecular Atlas Program (HuBMAP) (<https://hubmapconsortium.org/>): An open and global platform to map healthy cells in the human body to determine how the relationships between cells can affect the health of an individual
- H3Africa (<https://h3abionet.org/>): Genomic and phenotypic research data generated by the Human Heredity and Health in Africa program, consisting of 51 projects across 30 countries. Includes population-based genomic studies of common, non-communicable disorders (e.g., heart and renal disease), as well as communicable diseases (e.g., tuberculosis).
- Human Microbiome Project (HMP) (<https://commonfund.nih.gov/hmp>): Characterization of the microbiomes from healthy human participants at five major body sites using 16S metagenomic shotgun sequencing; as well as characterization of microbiome and human host from three cohorts of microbiome-associated conditions
- Illuminating the Druggable Genome (IDG) (<https://druggablegenome.net/>): Data on understudied druggable proteins, including mRNA and protein expression data, phenotype associations, bioactivity data, drug target interactions, disease links, and functional information
- Integrated Human Microbiome Project (iHMP) (<https://hmpdacc.org/ihmp/>): Microbiome, epigenomic, metabolomic, and phenotypic data for three cohorts
- Knockout Mouse Phenotyping Program (KOMP2) (<http://www.mousephenotype.org/>): Data from broad, standardized phenotyping of a genome-wide collection of mouse knockouts
- Library of Integrated Network-based Cellular Signatures (LINCS) (<http://lincsproject.org/>): Molecular signatures that describe how different types of cells respond to a variety of agents that disrupt normal cellular function
- Metabolomics Workbench (<https://www.metabolomicsworkbench.org/>): Metabolomics data and metadata from studies on cells, tissues, and organisms
- Molecular Transducers of Physical Activity in Humans (MoTrPAC) (<https://motrpac-data.org/data-access>): Data contain assay-specific results, associated metadata, quality control reports, and animal phenotype data related to molecular transducers that underlie the effects of physical activity
- Somatic Mosaicism Across Human Tissues (SmaHT) (<https://commonfund.nih.gov/smaht>): Data on DNA sequence variants within personal genomes in tissues from human donors. This program is in its early phase, and data generation is ongoing.

- Stimulating Peripheral Activity to Relieve Conditions (SPARC) (<https://sparc.science/>): Maps and tools to identify and influence therapeutic targets that exist within the neural circuitry of a wide range of organs and tissues
- Undiagnosed Diseases Network (UDN) (<https://undiagnosed.hms.harvard.edu>): Provides clinical, multiomics, and model organism data to provide answers for patients and families affected by these mysterious conditions

This NOFO accepts different types of projects with the intent of generating preliminary and/or validation data for subsequent funding, including, but not limited to, the following:

- Building synthetic cohorts by combining and comparing data sets.
- Incorporating CF data or CFDE Knowledge Graphs to provide grounding predictive models, using methods such as the retrieval-augmented generation (RAG) technique (CFDE's Data Distillery KG is available here (with CFDE-specific contexts), while others may be listed in the FAQ).
- Anonymization of imaging or clinical data.
- Incorporating CF data (e.g., raw, called, or summary) as part of a larger replication, validation, or reproducibility study.
- Creating synthetic data from extant CF data to enable the use of predictive modeling or advanced modeling methods.
- Leveraging existing data across humans and model organisms for novel discovery.
- Developing research methods or analytic tools to support data visualization, harmonization, and integration.
- Developing workflows and tools to automate data integration and interoperability.
- Applying new predictive modeling/machine learning/deep learning approaches for metadata harmonization to aid in data integration.
- Developing new approaches and tools for simultaneous analysis of data available on multiple platforms (e.g., data sets residing in two separate cloud platforms).
- Investigating gene expression, genome topology, protein expression, and/or epigenetic patterns across several disease conditions, phases of the lifespan, or in the analysis of chronic disease.
- Identifying biomarkers (metabolites, genetic variants, DNA methylation and/or histone marks, etc.) associated with various diseases and risk factors.
- New approaches for integrating and analyzing single cell data.
- Network analysis across genetic variation, expression profiling, and/or GWAS data to reveal pathways associated with various diseases.
- Incorporating machine learning and computational approaches to imaging data for data harmonization.
- Enhancement of information in the data resources through the developing analytic tools, curating and annotating existing data, or the adding phenotypic or clinical information.

Note: CF data is well prepared for use in causal models; If experimental approaches are proposed, they should be limited to 20% of the requested budget

Applications are expected to utilize the existing data in the above listed Common Fund data sets. Generation of new data should be limited to testing/validation of predictions. As noted in the R&R or Modular Budget section, there is a budget limit for such activities if experimental studies are proposed.

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

Link to Additional Information: <https://www.grants.gov/search-results-detail/359879>

3. Emerging Mathematics in Biology (eMB), NSF

Application Deadlines: March 2, 2026

Anticipated Funding Amount: up to \$6,000,000 total for 10 to 15 awards, subject to availability of funds and receipt of meritorious proposals for an award duration of 3 years.

The Emerging Mathematics in Biology (eMB) program seeks to stimulate the development of innovative mathematical theories, techniques, and approaches to investigate challenging questions of great interest to biologists and public health policymakers.

The program supports research projects in mathematical biology that address challenging and significant biological questions through novel applications of traditional, but nontrivial mathematical tools and methods or the development of new mathematical theories particularly from foundational mathematics, including the mathematical foundation of Artificial Intelligence/Deep Learning/Machine Learning (AI/DL/ML) enabling explainable AI or mechanistic insight. The program emphasizes the uses of mathematical methodologies to advance our understanding of complex, dynamic, and heterogeneous biological systems at all scales (molecular, cellular, organismal, population, ecosystems, evolutionary, etc.).

Examples of research challenges include, but are not limited to

- Mathematical foundations of AI/DL/ML theory and methods in biomathematics enabling explainable AI or mechanistic insight leading to predictive outcomes.
- Advancing methods that deal with limited, noisy, or heterogeneous data, or that help scale or validate models.
- Incorporation of probabilistic modeling to deterministic modeling frameworks in biology.
- Applications of foundational mathematics in genomics and other -omics applications.
- Modeling of organismal development, physiology, morphology, biomechanics, behavior, and neuroscience
- Modeling dynamical interactions between organisms (e.g., self/non-self recognition, host-symbiont, plant-animal, predator-prey, disease dynamics, and behavioral interactions).
- Modeling interactions between organisms and their environment, anywhere from the organismal scale to the ecosystem or continental scale.
- Modeling the feedbacks between ecological and evolutionary processes.
- Development of mathematical frameworks to understand phylogenetic relationships.
- Development of tools or infrastructure for automatically extracting, analyzing, and/or annotating large biological datasets.
- Applications of mathematics in biotechnology.
- Modeling climate impacts on the organism and on biodiversity.
- Mechanistic models of respiratory infection transmission, as described in the joint NSF-CDC Dear Colleague Letter on Mathematical Modeling of Policy Options for Evolving Public Health Challenges (MPOPHC).

This solicitation is meant to encourage new collaborations between mathematical, computer, and biological scientists as well as to support innovative research activities by existing teams of researchers from mathematical and biological sciences. Each proposal should include balanced participation from both the mathematical sciences and the biological sciences (the proposal must include PI/Co-PIs with expertise in mathematical sciences and biological sciences, or a single PI needs to demonstrate expertise in both mathematical and biological sciences).

All proposals should describe clearly the research challenges associated with the proposed mathematical approaches and explain why the biological question is important (what broader applicability or impact the results will have) and why application of mathematics to the biological problem is needed to advance understanding. In addition, the training of students and postdoctoral researchers at the intersection of the mathematical and biological sciences is encouraged. Successful projects should discuss how trainees will be recruited, mentored, and retained, and explain

how these efforts will increase participation of people from all demographics. Research teams are required to disseminate the results of their work in a timely and effective fashion.

Limit on Number of Proposals per Organization: There are no restrictions or limits.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/emb-emerging-mathematics-biology/nsf25-509/solicitation>

4. Mid-Career Advancement (MCA), NSF

Submission Window Dates: February 1 to March 1, 2026

Anticipated Funding Amount: estimated program budget, number of awards and average award size/duration are subject to the availability of funds.

The MCA program offers an opportunity for scientists and engineers at the mid-career stage (see restrictions under Additional Eligibility Information) to substantively enhance and advance their research program and career trajectory. Mid-career scientists are at a critical career transition stage where they need to advance their research programs to ensure long-term productivity and creativity but are often constrained by service, teaching, or other activities that limit the amount of time devoted to research.

The MCA program provides protected time, resources, and the means to gain new skills through synergistic and mutually beneficial partnerships, typically at an institution other than the candidate's home institution. Partners from outside the PI's own sub-discipline or discipline are encouraged, but not required, to enhance interdisciplinary networking and convergence across science and engineering fields. Research projects that envision new insights on existing problems or identify new problems made accessible with cutting-edge methodology or expertise from other fields are encouraged.

All MCA proposals must include letters from a) the partner(s) describing the nature of the collaboration and the benefits of doing so for both parties, as well as b) the departmental chairperson (or an equivalent organizational official). The 12-page Project Description of an MCA proposal must include the following three sections in addition to the other required elements as defined in the PAPPG (for example, Broader Impacts). These are described in more detail under Proposal Preparation Instructions and include:

- Candidate's Past Research
- Candidate's Proposed Research Advancement and Training Plan
- Candidate's Long-Term Career Plans

MCA proposals may request funds to support the mid-career researcher (PI) and one month of summer support for each collaborative partner (in lieu of summer support for the partner(s), other reasonable collaborative costs may be considered). Funds for the PI may include a) up to a total of 6.5 months of salary (plus fringe benefits) over the course of the award, and b) up to \$100,000 for other direct costs in support of the research advancement and training plan. The aforementioned funds (salary and direct costs) are not yearly allocations, but rather total amounts that can be expended over the course of 3 years. The \$100,000 direct cost allotment should include funds to cover the cost of attendance of one in-person 2-day awardee networking meeting held at NSF headquarters in Alexandria, VA. Costs for one partner to accompany the PI may be requested but must be included as part of the \$100,000 cap on direct costs.

PIs are strongly encouraged to discuss the suitability of their MCA proposal with a Program Officer from the appropriate directorate (see <https://www.nsf.gov/funding/opportunities/mca-mid-career-advancement/announcements/111199>). PIs from EPSCoR jurisdictions are especially encouraged to apply.

Limit on Number of Proposals per Organization: There are no restrictions or limits.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/mca-mid-career-advancement/nsf22-603/solicitation>

5. Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM), NSF

Application Deadline: March 3, 2026

Anticipated Funding Amount:

- **Track 1 (Institutional Capacity Building):** up to \$2,000,000 total for a maximum duration of 6 years
- **Track 2 (Implementation Projects):** up to \$2,000,000 total for a maximum duration of 6 years
- **Track 3 (Inter-institutional Consortia):** up to \$5,000,000 total for a maximum duration of 6 years

The S-STEM program provides IHEs with funds for scholarships to support academically talented, domestic low-income students with demonstrated financial need to enter the US workforce following completion of associate, baccalaureate, or graduate degrees in S-STEM eligible disciplines. Funds also enable IHEs to establish and assess evidence-based curricular and co-curricular activities and supports. See Section IV.B.2 for details on some common elements of all Track 1, 2, and 3 proposals and Section V.A.11 for additional details on required supplementary documents.

S-STEM scholarship awards facilitate the establishment of infrastructure and collaborations to: (1) provide scholarships to academically promising, domestic low-income students with demonstrated financial need pursuing a degree in an eligible S-STEM eligible discipline; (2) adapt and implement evidence-based curricular and co-curricular activities to support S-STEM scholars in ways that align with institutional context and available resources, taking into account scholars' strengths, needs, and realities; (3) increase retention, student success, and graduation of these NSF S-STEM scholars in STEM; and (4) disseminate effective outcomes, supports and interventions undertaken by the project.

Program Tracks

- **Track 1 (Institutional Capacity Building):** the aim is to build capacity and develop infrastructure to support low-income STEM students at institutions that have not had a recent award from the S-STEM program. Institutions without active S-STEM or STEP funding in the 5 years prior to the submission deadline may submit to this track. The entire institution is ineligible if any program, department, or school within the institution has had an active STEP or S-STEM award in the past 5 years. Track 1 proposals may include a focus on student transfer or progression to graduate school for its scholars' benchmark of success.

At least 50% of all funds must be provided solely as pure scholarships to cover the cost of attendance and entered as Participant Support – Stipends (Line F1) on the NSF budget form.

- **Track 2 (Implementation Projects):** any IHE (as described under the eligibility section) can submit a Track 2 proposal, regardless of prior S-STEM or STEP awards.

At least 60% of all funds must be provided solely as pure scholarships to cover the cost of attendance and entered as Participant Support – Stipends (Line F1) on the NSF budget form. Support for all non-scholarship costs must be included in the remaining portion of the budget.

- **Track 3 (Inter-institutional Consortia):** support multi-institutional collaborations that focus on a common interest or challenge. Inter-institutional Consortia projects represent varied collaborations, including

partnerships between 2-year colleges and 4-year colleges and universities, between 4-year colleges and graduate programs, or between comparable institutions looking to implement and study parallel interventions. For example, a collaboration among community colleges and four-year institutions may focus on issues associated with successful transfer of low-income students from 2-year institutions to 4-year programs. In another example, a multi-institutional collaboration may focus on factors that contribute to the success or degree attainment of domestic, low-income students in different types of institutions.

Track 3 projects have similar aims as Track 1 and 2 projects but seek to achieve these aims at a large scale by leveraging multi-institutional efforts and infrastructure. In addition to the expectations stated below in section II.B.2 for all tracks, Track 3 projects are also expected to:

- Establish an authentic, strong, and mutually beneficial collaboration across all institutions involved in the consortia, providing comparable benefits to all institutions in terms of number of scholarships as well as in the infrastructure established to serve low-income students.
- Establish strong technical assistance and processes that support and manage project activities across institutions involved in the collaborative effort.
- Engage in high-quality educational or social science research to advance understanding of how to adapt, implement, and scale up effective evidence-based programs and practices designed to foster positive outcomes for low-income students in STEM.

Planning Proposals: may be submitted at any time following consultation with and consent of an S-STEM Program Officer. Planning Proposals should allow institutions to gather data, assess the needs of low-income students in the local context, design or pilot student support mechanisms, create or strengthen partnerships, or otherwise prepare for a Track 1, 2, or 3 submission.

Conferences: may be submitted at any time following consultation with an S-STEM program officer. Conference proposals that address effective student supports for low-income STEM students, professional development of S-STEM project personnel, and research collaborations of educational researchers and disciplinary scientists are especially encouraged.

Common Elements of Track 1, Track 2 and Track 3 proposals

The following principles and expectations apply to submissions to Track 1 (Institutional Capacity Building), Track 2 (Implementation Projects), and Track 3 (Inter-institutional Consortia).

- Scholar Eligibility and Selection Criteria
- Evidence-based, context-specific interventions must be linked to low-income student needs
- Scholar Cohorts and Faculty Mentoring
- Involvement of Office of Financial Aid and Other Campus Partners
- Determination of Scholarship Amounts
- Analysis of Prospective Scholar Pool
- Additional participation requirements in other project activities
- Knowledge Generation and Dissemination
- Student data collection

Limit on Number of Proposals per Organization: 2

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/s-stem-nsf-scholarships-science-technology-engineering-mathematics/nsf25-514/solicitation>

6. CyberAICorps Scholarship for Service (CyberAI SFS), NSF

Application Deadline:

- **Scholarship Track:** April 3, 2026
- **Innovation Track:** April 3, 2026, and July 21, 2026

Award Amounts:

- **Scholarship Track:** up to \$2,500,000 for a duration of one to two years
- **Innovation Track:** up to \$500,000 for a duration of one to two years

The goals of the CyberAI SFS Program are to: (1) increase the number of CyberAI experts and support their placement and retention in the mission of government organizations; and (2) enhance the national capacity for the education and training of AI and cybersecurity professionals, educators, and researchers.

Proposals must include discussion of how the proposed project will address one or more of the following measures of success: (1) improvements in student educational outcomes, (2) support undergraduates, graduates, and postdoctoral fellows, (3) training for undergraduate and graduate students in a specific critical area, (4) curriculum developed and shared, (5) participants hired into a STEM related field, and (6) publications from research.

The CyberAI SFS program supports student scholarships for service (Scholarship Track) and educational innovations (Innovation Track).

1. **Scholarship Track:** funds academic institutions to award scholarships to students. In return students agree to work in the AI or cybersecurity mission of a government agency. This post-graduation work period must be at least as long as the scholarship. All scholarship recipients must be U.S. citizens or lawful permanent residents. Proposals submitted to this track must clearly specify one of two focus areas in the proposal summary:
 - **Focus Area–Cyber:** prepares cyber experts to use AI in cybersecurity operations. The scholars must complete a formal cybersecurity program (major, minor, concentration, track, certificate, etc.) with at least four cybersecurity courses and a minimum of two AI courses.
 - **Focus Area–AI:** prepares AI professionals to protect the security of AI systems and infrastructure. The scholars must complete a formal AI program (major, minor, concentration, track, certificate, etc.) with at least four AI courses and a minimum of two cybersecurity courses.
2. **Innovation Track:** seeks transformative education proposals in the areas of AI, cybersecurity, or the integration of AI and cybersecurity. Proposed projects should have potential for wide adoption. They should help the U.S. educational system train more AI and cybersecurity experts.

Proposals competing in this track should contribute to the expansion of existing education or training opportunities and resources to address the second goal of the CyberAI program. Project outcomes should be widely shared. These efforts may include, but are not limited to, the following:

- Develop and share cutting-edge instructional materials and methods in AI or its role in cybersecurity.
- Foster experiential learning through curricular innovations, competitions, and applied research in AI, cybersecurity, or their intersection across STEM domains.
- Expand professional development for researchers, educators, and practitioners in AI or cybersecurity at all levels.
- Integrate basic or advanced AI or cybersecurity training with other fields to address human interaction with AI systems.

- Build communities of practice with shareable datasets, AI models, and computing resources through partnerships.

Limit on Number of Proposals per Organization:

- *There is no restriction for the Innovation Track.*
- *For the Scholarship Track, each performing organization is limited to one (1) proposal submitted for the same competition date. Institutions with an active CyberAI SFS scholarship project must wait until they are within 14 months of the current award's expected end date before submitting a new proposal.*

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/cyberai-sfs-cyberaicorps-scholarship-service/nsf26-503/solicitation>

7. Pilot Program to Increase Research Capacity at Historically Black Colleges and Universities and Other Minority-Serving Institutions, Department of War / Army Research Laboratory

Application Deadlines:

- **Applications Inquiries and Questions:** March 27, 2026
- **Full Proposal:** April 10, 2026

Award Amounts: up to \$10 million total (up to \$2 million per year) for a performance period up to 5 years

The Research and Education Program for HBCUs/MIs aims to (a) enhance research and education programs and capabilities in scientific and engineering disciplines critical to the national security functions of DoW; (b) enhance the capacity of HBCUs/MIs to participate in DoW research programs and activities; and (c) increase the number of graduates in the fields of science, technology, engineering, and mathematics (STEM).

This solicitation invites applications (also referred to as “proposals”) to increase the capacity of eligible institutions to achieve very high research activity status on the Carnegie Classification scale. The proposals must align with the research areas of interest to the DoW (which includes the USW(R&E) and the ARL) and enhance the education of students in areas of STEM that align with the DoW research interests.

The USW(R&E) Critical Technology Area priorities rely on innovation and workforce talent. The critical technology areas are:

- Applied Artificial Intelligence (AAI)
- Biomanufacturing (BIO)
- Contested Logistics Technologies (LOG)
- Quantum and Battlefield Information Dominance (Q-BID)
- Scaled Directed Energy (SCADE)
- Scaled Hypersonics (SHY)

The award may include activities to support faculty professional development, stipends for undergraduate and graduate students and post-doctoral, scholars, and recruitment and retention of faculty and graduate students.

The PI must be the Provost, Vice-Provost, VP of Research, or someone identified at the university who is in a leadership position representing the institution.

An institution may submit no more than one (1) application under this FOA.

Link to Additional Information: <https://www.highergov.com/grant-opportunity/pilot-program-to-increase-research-capacity-at-historically-black-colleges-and-361240/>

8. Early-Stage Dissemination and Implementation Research in Communication Disorders (R21 Clinical Trial Optional), NIH

Application Deadline: June 18, 2026

Award Amounts: up to \$275,000 for a duration of two years

Dissemination and implementation (D&I) science is the field of research that seeks to close the gap between research and practice. Dissemination research is defined as the scientific study of the targeted distribution of information and materials about evidence-based innovations (EBI) to a specific audience (e.g., practitioners, patients, policymakers). The intent is to understand how best to communicate and integrate knowledge associated with a given EBI. Implementation Science refers to a broader array of active and planned efforts to integrate evidence into practice. Implementation research focuses on understanding why clinical and community settings are not adopting and sustaining a particular EBI. In turn, implementation research uses this understanding of barriers and facilitators to develop and evaluate different strategies (or collections of strategies) to increase adoption and integration of an EBI into practice. Many fields have applied D&I research theories, approaches, and outcome measures to improve adoption and sustainment of EBIs.

This funding opportunity aims to support early-stage D&I research (e.g., during development and evaluation of the EBI) in NIDCD mission areas of hearing, balance, taste, smell, voice, speech, and language. Resulting findings should set a sufficient foundation for a high-quality, D&I focused R01 in NIDCD mission areas.

Required Elements

Given the focus of this funding opportunity on creating readiness for future, high-quality, D&I focused research, investigators are required to integrate a D&I process model (Nilsen, 2015) as a core component of their application. D&I process models outline activities that need to be accomplished at different points in the research process to set the foundation for subsequent activities, moving efficiently through the various stages of translational research. Many process models include a description of activities that should be accomplished prior to D&I research (e.g., Getting-to-Outcomes, Active Implementation, Quality Implementation Framework, EPIS-Exploration-Preparation-Implementation-Sustainment, Intervention Mapping, Knowledge-to-Action). No specific model is required for this funding opportunity. Investigators should select a D&I process model that is appropriate for their current and future translational research goals. Applicants are highly encouraged to consult with a D&I expert in identifying and applying an appropriate D&I process model.

In addition to a D&I process model, other aspects of D&I research, like those listed below, should be included in the application to strongly address the aims of the application and the purpose of this funding opportunity. Examples of core D&I research elements include but are not limited to:

- D&I theories, models and frameworks (e.g., theories or frameworks that guide understanding of the multi-level contextual factors that influence dissemination and implementation)
- D&I strategies (i.e., methods or techniques used to enhance the dissemination, adoption, implementation, and sustainability of a clinical program or practice)
- D&I outcomes and outcome measures (e.g., acceptability, appropriateness, cost, feasibility, adoption, fidelity, reach/penetration, maintenance/sustainment/sustainability) as well as health service outcomes and outcome measures (e.g., quality, disparity)
- Community engaged research approaches (i.e., research approaches that involve community partners to assist in guiding the research project, such as community advisory boards, co-design approaches, and community-based participatory research), including effective methods of involving individuals with communication disorders
- Qualitative and mixed methods, including methods appropriate for data from individuals with

communication disorders

- Theories and methods to understand and reduce or eliminate health disparities, improving care and outcomes

A D&I process model and other core D&I research elements should guide the research goals of the application. Examples of relevant early-stage D&I research goals, identified in multiple D&I process models, include, but are not limited to studies that aim to use:

- A community-engaged research approach along with qualitative methods to understand the health needs of individuals and/or service-delivery needs of organizations and identify potential EBIs to address those needs
- A determinants framework and a mixed-methods approach to identify potential individual- and systems-level barriers and facilitators to implementing an EBI in one or more real world contexts
- A community-engaged research approach along with qualitative methods to co-develop and evaluate preliminary D&I strategies intended to support integration of an EBI into practice
- The core functions and forms framework along with qualitative methods to differentiate underlying active ingredients in an EBI and then use a community-engaged research approach to develop and evaluate a community-adapted version of the EBI
- A mixed-methods approach to identify which D&I outcomes and health service delivery outcomes are meaningful to partners and use a community-engaged research approach to co-develop and execute a measurement plan to establish baseline performance
- A community-engaged research approach along with mixed methods to identify and quantify health disparities and identify or develop EBIs to reduce disparities
- A determinants framework and a mixed-methods approach to identify potential individual- and systems-level barriers and facilitators related to disparities in implementation of an EBI in one or more real world contexts

Clinical trials are optional for this funding opportunity. Responsive applications include those that (1) don't include clinical trials, (2) include low-risk clinical trials, or (3) include Basic Science Experimental Studies involving Humans (BESH). Low-risk clinical trials must meet ALL the following criteria: meet the budget limits of this NOFO, not require FDA oversight, are not intended to formally establish efficacy and have low risks to potentially cause physical or psychological harm. BESH clinical trials meet the NIH definition of a clinical trial and also meet the definition of basic research.

Prospective applicants are strongly encouraged to communicate with the scientific/research contact as early as possible to discuss how their application will incorporate all required elements.

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

Link to Additional Information: <https://www.grants.gov/search-results-detail/359274>

9. Research Labs, National Endowment for the Arts

Application Deadlines:

- **Part 1 - Grants.gov:** March 23, 2026
- **Part 2 - NEA Application Portal:** April 2, 2026

Anticipated Award Amounts: between \$100,000-\$300,000 for a duration of up to three years

The NEA Research Labs program is a funding opportunity under the NEA's Research Awards initiative. The program funds long-term research agendas (referred to herein as NEA Research Labs, or Labs) that include multiple empirical studies and the dissemination of various products or services for promoting public knowledge about the arts and their contributions to American life. Each Lab must include an interdisciplinary team of researchers.

Products or services developed under the award are expected to be of value to arts researchers, arts practitioners, and professionals in sectors such as healthcare, education, and business or management. Funded projects should have national, regional, or field-wide significance.

Projects supported through this program include:

1. **Arts and Health:** Includes studies that will test or characterize the benefits of the arts or arts and health activities - including creative arts therapies - in terms of health and wellbeing for people or communities. The NEA has a special interest in supporting such projects in the following contexts:
 - Military personnel, veterans, and their families
 - Pediatric cancer care and other childhood diseases
 - Opioid use prevention, treatment, and recovery
 - Disaster relief and emergency response and preparedness
 - Care of older adults experiencing cognitive or neurodegenerative declines
2. **Arts and the Economy:** Includes studies that will test or characterize the benefits of the arts or arts activities in terms of economic or workforce development.
 - The NEA has a special interest in supporting such projects involving the arts in Artificial Intelligence (AI) competency training, in career development for people with disabilities, and/or in preparation for high-paying skilled trade jobs of the future.
3. **Arts and Education:** Includes studies that will test or characterize the benefits of the arts or arts activities in terms of school readiness, school engagement, or academic achievement among children from preschool through high school.
 - The NEA has a special interest in supporting such projects for learners with autism spectrum disorder or intellectual disabilities.

We welcome applications from a wide range of research fields (e.g., economics; psychology; education; medicine, health, and therapy; business administration; urban and regional planning). We expect the funded projects will be varied in terms of geographical distribution, the artistic and research fields or disciplines involved, and the research topics proposed. We anticipate that funded projects will reflect an array of study designs.

In recent years, the NEA has supported studies that hypothesize a cause-effect relationship between the arts and key outcomes of interest (e.g., in health, education, or the economy). For research studies or program evaluations seeking to explore causal claims about the arts, experimental approaches are generally preferred. In some cases, different study designs will be preferable. These designs may include, but are not limited to meta-analyses, quasi-experimental studies, complex surveys, case studies, replication studies, and studies using mixed methods. Where appropriate, community-based participatory research approaches may be used.

Eligible projects also may include translational research that moves scientific evidence toward the development, testing, and standardization of new arts-related programs, practices, models, or tools that can be used easily by other practitioners and researchers.

Required Partnership with an Arts Organization or Working Artist(s)

The NEA Research Labs program requires a confirmed partnership at the time of application between the lead applicant organization and at least one “arts partner” external to the applicant organization, defined as either (a) an arts organization or (b) working artist(s). The arts partner is expected to contribute substantially to the NEA Research Lab.

NEA Research Lab Project Activities

NEA Research Labs recipients will be required to complete several project activities as outlined below. Each Lab will design and execute the following:

Research Lab Agenda, Keystone Study, and Related Activities

- Choose one of the following research focus areas:
 - Arts and Health
 - Arts and the Economy
 - Arts and Education
- Choose a team representing at least two research disciplines and whose members will be highly collaborative. We encourage teams that include personnel at various stages in their careers. Training and mentorships may be offered as part of the Lab's activities.
- Conduct at least one keystone study during the initial award's period of performance. Additional studies may be proposed as part of the initial award's period of performance or as part of the multi-year Research Lab agenda.
- Propose a plan for sustaining the multi-year Research Lab agenda beyond the initial award's period of performance. This may include plans to continue the Lab's proposed activities and/or new activities in an identical or similar research topic area.

Required Products and Services

- Create and maintain a public website about the Lab.
- Produce at least one research report for each award period of performance that documents the methods and findings of each research study.
- Prepare and deliver at least two presentations per year, one to a community of researchers and the other to a community of arts practitioners.

Organizations can submit up to one application to the FY27 Research Labs funding opportunity.

Link to Additional Information: <https://www.arts.gov/grants/research-awards>

10. Research Grants in Clinical Informatics (R01 Clinical Trial Optional), NIH

Application Deadline: June 5, 2026

Award Amount: up to \$250,000 per year for a duration of up to four years

Clinical informatics sits at the intersection of healthcare, information science, and technology, offering critical tools and approaches to improve patient care, advance clinical practice, and inform decision-making. As the healthcare landscape continues to generate vast volumes of complex data, there is a growing need for innovative informatics solutions that can turn data into actionable knowledge. The National Library of Medicine (NLM) supports research that transforms health data into meaningful knowledge to improve health outcomes and enhance decision-making. Specifically, this NOFO aligns with NLM's commitment to accelerating discovery and advancing health through data-driven research. By supporting clinical informatics research, NLM aims to catalyze the development of scalable, interoperable, and data-driven methods that enable better diagnosis, treatment, and prevention strategies

across clinical settings.

NLM's clinical informatics research portfolio has historically spanned a broad range of topics, including artificial intelligence, clinical decision support, medical language processing, biomedical imaging, and large-scale analysis of clinical data to improve health and drive discovery. Through this work, NLM has funded innovative research that accelerates data-driven discovery, translates findings into clinical solutions, and empowers individuals to better understand and manage their health data. With this new initiative, NLM seeks bold, forward-looking projects in clinical informatics that develop novel, generalizable methods for transforming complex health data into usable knowledge and supporting decision-making. Applications submitted under this announcement should emphasize domain-independent, scalable, and reusable approaches for the discovery, analysis, organization, and management of health-related data and digital objects.

The overarching goal of this initiative is to advance the development of innovative informatics solutions that enable both healthcare providers and individuals to better understand and improve overall health.

Research questions and topics of interest under this program are envisioned to include but are not limited to:

- Tools to assess information and knowledge needs of health care professionals and patients.
- Building & leveraging next-gen CDSS (Clinical Decision Support Systems), comprehensive patient-centric digital tools that promote precision medicine.
- Research on EHR usability, interoperability, and tools to streamline clinical documentation while reducing clinician burden and improving patient care.
- Predictive analytics for proactive care/preventative care - including models that identify at-risk patients and in real time to recommend timely interventions.
- Transformative methods in data integration - research topics that include innovation approaches to harmonizing diverse data streams and exploring advanced techniques that can be implemented in a practical manner.
- AI tools and methods with a focus on benefits to patients and health systems/workflow, patient satisfaction, costs, operational efficiency.
- Research to improve quality and outcomes of patient care, for example, for enabling clinicians to monitor patients' conditions for changes or detect undiagnosed diseases earlier.
- Automate administrative processes and reduce workforce burden and burnout.

Research Objectives

Research approaches should foster data-driven discovery to accomplish NLM mission-related goals. Additionally, the following expectations should be addressed in all applications:

- Research should exemplify scientific rigor, feasibility, technological innovation, and the potential for significant impact across biomedical and clinical domains.
- Outputs should be transformative and generalizable across diseases and biological systems; use of specific biological systems may be permissible for proof-of-concept and initial methodology development, but applicants must demonstrate broad applicability beyond that.
- Products should be durable with the potential to inform and advance further research.
- Intended use cases must be clearly stated and evaluated, with approaches expected to be wide-reaching.
- Detailed descriptions of approaches are expected, with metrics provided for the scope and scale of the study.
- Improvements over comparable existing approaches must be documented, and any limitations, trade-offs or risks resulting from the proposed innovative approach must be described and addressed.
- Applicants must describe a plan to account for accuracy of the product(s), to maintain the product(s), and to

capture and communicate considerations for downstream use.

- All awardees are expected to widely disseminate the results of their research, including software products, datasets, resources and platforms.
- For applications that incorporate the aggregation of public or non-controlled-access data, applicants are expected to address methods for mitigating privacy concerns that may arise from such aggregated data. Privacy protections for human subjects are expected to be long-term and must extend beyond the funding period.

Potential applicants are strongly encouraged to discuss their proposed project with the Scientific/Research Contacts for guidance about the application process and suitability of the project for support by NLM.

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

Link to Additional Information: <https://www.grants.gov/search-results-detail/359004>

11. Advancing Bioinformatics, Translational Bioinformatics and Computational Biology Research (R01 Clinical Trial Optional), NIH

Application Deadline: June 5, 2026

Award Amount: up to \$250,000 per year for a duration of up to four years

The Established Program to Stimulate Competitive Research (EPSCoR) fulfills the mandate of the U.S. National Science Foundation (NSF) to promote scientific progress nationwide. NSF EPSCoR pursues a mission to enhance the research competitiveness of targeted jurisdictions (state, territory or commonwealth) by strengthening science, technology, engineering and mathematics (STEM) capacity and capability through a diverse portfolio of investments from talent development to local infrastructure. NSF envisions EPSCoR jurisdictions as recognized contributors to the national and global STEM research enterprise.

The National Library of Medicine (NLM) wishes to advance groundbreaking and innovative research in bioinformatics, translational bioinformatics and computational biology, which are related areas of biomedical informatics that aim to understand biological data using storage, analytic and interpretive methods. This initiative will support NLM's mission to accelerate discovery by enhancing human health through data-driven research.

This Notice of Funding Opportunity (NOFO) aims to address the growing need to leverage transformative technologies—such as artificial intelligence (AI), machine learning, and large-scale computational platforms—to extract actionable knowledge from vast, diverse, and complex biological datasets. By enabling more effective interpretation and integration of multi-dimensional biological and biomedical data, this research will ultimately contribute to improving individual and population health outcomes.

Applications that promote interdisciplinary collaboration and focus on scalable, autonomous innovations will be encouraged. Additionally, emphasis will be placed on the development of cutting-edge methodologies that advance the field beyond predictive modeling to yielding functional insights that can explain biological phenomena and mechanisms underlying human diseases, including chronic diseases. Projects may span a wide range of topics, including but not limited to omics-based bioinformatics at the molecular level, as well as computational biology studies at the cellular, tissue, organismal, and population levels. Advancements may draw from innovations in multiple disciplines, including biology, chemistry, physics, biodata imaging, computer science, information engineering, mathematics and statistics.

For this NOFO, areas of bioinformatics and computational biology for which methodological advances are of

interest include, but are not limited to:

- Various types of omics and multi-omics studies, including genomics, transcriptomics, proteomics, epigenomics, structural or spatial omics, comparative omics, and multimodal integrations of those.
- Microbiome studies, including studies on host-microbiome interactions.
- Metagenomic and/or metaproteomic studies.
- Studies that use artificial intelligence (AI) and machine learning (ML) applications for predictive and analytical bioinformatics research.
- Computational biology method development for analysis of genomic or non-genomic biological data and related phenomena.
- Genetic variation and disease association studies, including methodological advances for determining combinatorial variant associations, and for accelerating discovery beyond rare diseases, such as for chronic diseases.
- Phenotypic studies, including methodological advances for complex trait analyses.
- Translational bioinformatic studies that aim to provide a pathway for effective treatment strategies or have a tangible effect on health outcomes.
- Translational bioinformatic studies applicable to personalized or genomic medicine.
- Pathway and/or regulatory network studies.
- Systems biology studies, including analysis and visualization of large datasets.
- Cell-cell interaction informatics, and other types of cellular/tissue/organism networking studies.
- Single cell informatics.
- Informatics related to biomarker discovery.
- Analysis of drug targets.
- Various emerging or other informatics studies on biological data, including but not limited to multimodal studies that encompass multiple data types and/or research domains, or studies relevant to bioinformatic data harmonization, integration and reuse.

Example topics of interest include, but are not limited to:

- Interdisciplinary approaches that are informed by functional biological and/or biomedical data.
- Approaches that result in whole usable pipelines, workflows or resources, rather than software products that perform segmented functions in a larger workflow.
- Tools and methods that can be developed, applied, evaluated and disseminated within the scope of the proposed project, and which are durable and autonomously updatable.
- Tools and workflows that are FAIR (Findable, Accessible, Interoperable, Reusable) and easily findable by the wide research community in well-documented, user-friendly, publicly available resources, and which encompass ethical considerations for data representation and downstream use.
- Translational bioinformatics approaches that are broadly adaptable and generalizable.
- Non-translational bioinformatics advances that contribute tangible functional knowledge for downstream use.
- Computational models that are adaptable, credible, explainable and testable by real-world data.

Research Objectives

Research approaches should foster data-driven discovery to accomplish NLM mission-related goals. Additionally, the following expectations should be addressed in all applications:

- Research should exemplify scientific rigor, feasibility, technological innovation, and the potential for

significant impact across biomedical and clinical domains.

- Outputs should be transformative and generalizable across diseases and biological systems; use of specific biological systems may be permissible for proof-of-concept and initial methodology development, but applicants must demonstrate broad applicability beyond that.
- Products should be durable with the potential to inform and advance further research.
- Intended use cases must be clearly stated and evaluated, with approaches expected to be wide-reaching.
- Detailed descriptions of approaches are expected, with metrics provided for the scope and scale of the study.
- Improvements over comparable existing approaches must be documented, and any limitations, trade-offs or risks resulting from the proposed innovative approach must be described and addressed.
- Applicants must describe a plan to account for accuracy of the product(s), to maintain the product(s), and to capture and communicate considerations for downstream use.
- All awardees are expected to widely disseminate the results of their research, including software products, datasets, resources and platforms.
- For applications that incorporate the aggregation of public or non-controlled-access data, applicants are expected to address methods for mitigating privacy concerns that may arise from such aggregated data. Privacy protections for human subjects are expected to be long-term and must extend beyond the funding period.

Potential applicants are strongly encouraged to discuss their proposed project with the Scientific/Research Contacts for guidance about the application process and suitability of the project for support by NLM.

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

Link to Additional Information: <https://www.grants.gov/search-results-detail/359003>

12. Impact of Initial Influenza Exposure on Immunity in Infants (U01 Clinical Trial Not Allowed), NIH

Application Deadlines: June 4, 2026

Award Amounts: up to \$3 million in direct costs per year for a performance period up to five years

The purpose of this notice of funding opportunity (NOFO) is to support the establishment or continuation of longitudinal infant cohorts to determine and compare how initial and repeated natural influenza infections and/or influenza vaccinations shape infant and childhood immunity to future influenza exposures. Research supported under this program will define and characterize immunity acquired upon initial exposure to influenza antigens from natural infections and/or vaccinations and examine how these exposures influence immune responses to subsequent influenza infections and/or vaccines. The goal of this research is to provide key information to facilitate design of durable, broadly protective influenza vaccines.

Research Objectives and Scope

Despite early exposure to natural influenza infections or vaccinations, influenza infections continue to occur throughout life. Numerous studies have shown that one's initial exposure to influenza impacts immunity to subsequent exposures with different influenza strains. However, the impact of initial influenza infections and/or vaccinations on immunity to subsequent influenza exposures is not well understood. This initiative responds to the need for increased investments in clinical and basic research in well-characterized infant cohorts by exploring the impact of birth year, initial and subsequent vaccinations, and natural infections on influenza immunity. Recent innovations in the study of human immunology coupled with other advanced technologies can be leveraged to determine the critical immune components required for generation, maintenance, and evolution of broadly protective immunity against influenza in humans. Specifically, this research initiative will support the establishment or

continuation of infant cohorts coupled with immunological analyses to determine how initial natural influenza exposure and/or primary influenza vaccination shape infant and childhood immune responses to subsequent influenza infections and/or vaccines. The findings from this research will help to advance the design of a universal influenza vaccine.

This initiative will support a synergistic and cross-disciplinary effort to generate, coordinate, and integrate data from human clinical samples to address critical questions in influenza immune "imprinting" research. The study findings will be made available to the public as rapidly as possible. The clinical data and biological samples collected from the cohort(s) are expected to be available for sharing and use by the scientific community to continue research in this important field, as appropriate and consistent with achieving the goals of the program.

This NOFO requires applicants to establish or continue prospective cohort(s) of infants that will be followed prior to and after:

- receiving their initial influenza vaccination (i.e., clinician routinely recommended vaccine); and/or
- having an initial documented clinical diagnosis of influenza infection (i.e., clinician confirmed, molecularly diagnosed, and subtyped confirmed) prior to receiving their initial influenza vaccination.

Infant enrollment ideally should occur between birth and prior to initial influenza exposure. These cohorts are expected to be followed for at least three influenza seasons, with desired capabilities to follow for longer periods, to understand the impact of initial and subsequent influenza infections and/or vaccinations on the breadth and quality of influenza-specific humoral and T cell-mediated immune responses, as well as innate immune responses triggered by influenza vaccines or natural infections.

This program supports inclusion of domestic prospective cohorts and appropriate international cohorts, especially from countries where infection or vaccination rates complement those seen in the U.S. Inclusion of relevant international cohorts facilitates recruitment and retention of additional participants, allowing for experimental and statistical validation of research results and strengthening clinical applications.

Inclusion of pregnant women and post-partum mothers in the prospective cohorts is strongly encouraged. Pregnant women should be followed at least through the last trimester of pregnancy and post-partum mothers followed through infant weaning. Each mother's influenza exposure history (i.e., vaccine and natural infection) and circulating influenza-specific antibody responses should be captured during pregnancy, immediately post-partum, and through weaning in order to examine the effects of maternal influenza exposure and circulating maternal anti-influenza antibodies on infant immune responses to influenza vaccines or natural infection.

Areas of research must address both topics listed below (identified as 1 and 2):

1. Determination of the effect of repeated exposures to infections and/or vaccinations on the maintenance and evolution of influenza-specific humoral and T cell-mediated immunity in infants/young children.

Within this topic, examples of areas of research include:

- Changes in antibody titer, specificity and function, including changes in post-translational modifications.
- Impact on B cell subset generation and maintenance, including plasma blasts, long-lived plasma cells and memory B cells.
- Impact on the differentiation, specificity, function and maintenance of effector and memory T cell populations.

- Impact on the differentiation, specificity, and function of innate cell populations (e.g., trained immunity).
2. Comparison of immune mechanisms/components elicited by influenza vaccination versus natural infection.

Within this topic, examples of areas of research include:

- Understanding the cross-talk between components of innate and adaptive immunity elicited by influenza vaccination versus natural infection that impacts acquired influenza immunity.
- Comparison of B cell and T cell responses elicited by influenza vaccination versus natural infection.
- Comparison of the quality and functionality of antibodies induced by natural infections or vaccination, including hemagglutination inhibition assay (HAI), neutralizing antibody responses, neuraminidase antibody responses, as well as antibody-dependent cell-mediated cytotoxicity (ADCC), antibody-dependent cellular phagocytosis (ADCP), antibody-dependent complement deposition (ADCD), and stalk-binding assays.
- Impact of other respiratory virus infections or routine childhood vaccinations on anti-influenza immunity.
- Impact of maternal anti-influenza immune status on offspring's immune response to initial influenza vaccine or infection (in neonatal period prior to weaning).

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

Link to Additional Information: <https://www.grants.gov/search-results-detail/359939>

13. Advanced Rehabilitation Research Training (ARRT) Program - Health and Function, Administration for Community Living

Application Deadlines:

- **Informational Conference Call:** February 25, 2026
- **Letter of Intent:** March 17, 2026
- **Full Proposal:** April 13, 2026

Award Amounts: up to \$250,000 per budget period for a duration of up to 36 months (12 months budget period)

The purpose of the ARRT Program is to increase the capacity for high-quality disability and rehabilitation research by supporting grants to institutions to provide advanced research training to individuals with research doctorates or similar advanced degrees (e.g., clinical doctorates, MD, JD) who have clinical or other relevant experience.

NIDILRR makes these ARRT grants to institutions of higher education to recruit qualified persons, including individuals with disabilities, and to prepare them to conduct independent research related to disability and rehabilitation with particular attention to research areas that support the implementation and objectives of the Rehabilitation Act of 1973, as amended and improve the effectiveness of services authorized under the Act.

Proposed ARRT projects must:

- Recruit and select candidates for advanced research training and include in their application targeted plans for recruiting individuals with disabilities.
- Provide a training program that includes didactic instruction, is multidisciplinary, and emphasizes scientific methodology.
- Provide research experience with qualified researchers at the host institution or other appropriate institutions

and practicum experience, or other practical activities, with organizations representing individuals with disabilities.

- Provide academic and career mentorship. Applicants should describe how they will foster the relationship between the trainees and the mentors.
- Provide opportunities for participation in the development of professional presentations and scholarly publications and for attendance at professional conferences and meetings.
- Provide training to individuals for at least one academic year unless a longer training period is necessary to ensure that each trainee is qualified to conduct independent research upon completion of the course of training. Applicants should provide a clear and detailed justification for the proposed length of the training period (i.e., 12, 18, or 24 months).
- Require trainees to devote at least 80 percent of their time to the activities of the training program during the training period.

Applicants should articulate the goals, objectives, and expected outcomes for the research training and other activities. Applicants should describe expected public benefits of these training activities, especially benefits for individuals with disabilities, and propose training projects that are optimally designed to demonstrate outcomes that are consistent with the proposed goals.

Informational Conference Call: will be held between 1:00 p.m. and 3:00 p.m. (Eastern time) on the date listed above for the informational conference call. Interested parties are invited to participate in the informational conference call to discuss the funding priority and to receive information and technical assistance. You must contact Megan.Alvarado@acl.hhs.gov in order to participate in this meeting. NIDILRR staff also will be available to provide information and technical assistance via individual phone consultations from 3:00 p.m. to 4:00 p.m. on the date listed above. Requests for individual consultations during this one-hour window must be made in advance to Megan Alvarado.

Link to Additional Information: <https://www.grants.gov/search-results-detail/360514>

14. Field Initiated Projects Program: Minority-Serving Institutions (MSI) -Research, Administration for Community Living

Application Deadlines:

- **Informational Conference Call:** February 24, 2026
- **Letter of Intent:** March 17, 2026
- **Full Proposal:** April 13, 2026

Award Amounts: up to \$250,000 per budget period for a duration of up to 36 months (12 months budget period)

The purpose of the Field Initiated (FI) Projects program is to develop knowledge, methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self sufficiency of individuals with disabilities, especially those with the highest support needs.

Another purpose of this particular is to improve the capacity of minority entities to conduct high quality disability and rehabilitation research. Minority entities may apply, consistent with section 21(b)(2)(A) of the Act. Section 21 of the Act authorizes NIDILRR to make awards to minority entities and Indian tribes to carry out authorized activities under Title II of the Act.

In carrying out a research activity under a FI Projects research grant, a grantee must identify one or more hypotheses or research questions and, based on the hypotheses or research questions identified, perform an intensive, systematic study directed toward producing (1) new scientific knowledge or (2) better understanding of the subject, problem

studied, or body of knowledge.

NIDILRR plans to make four FIP-MSI awards. NIDILRR's FIP-MSI awards may be research projects, development projects, or a combination of both, depending on the ranking of applications provided by the peer review panel.

Invitational Priority: In FY 2026, there are eight invitational priorities of interest to the agency (see below). NIDILRR does not give applications that address these invitational priorities a competitive or absolute preference over other applications.

1. Research projects that address chronic conditions, and promote healthy lifestyle, proper nutrition and physical activity among people with disabilities. This invitational priority corresponds with Executive Order 14212, on Establishing the President's Make America Healthy Again Commission.
2. Research projects that address family caregiving as a factor that shapes the experiences and outcomes of people with disabilities.
3. Research projects that address the experiences and outcomes of people who are aging with disability, or aging into disability.
4. Research projects that focus on making airline travel accessible for people with disabilities.
5. Research projects that focus on improving the extent to which emergency and disaster preparedness plans and systems are accessible to, and responsive to the needs of, people with disabilities.
6. Research projects that focus on social and built environments that facilitate full inclusion and community participation among people with disabilities.
7. Research projects that focus on school experiences among children with disabilities.
8. Research projects that focus on workplace experiences, including skills development and job training, among adults with disabilities.

FI Projects research applicants must define the stage or stages of research that they propose to conduct. Any rigorous quantitative, qualitative, or mixed-methods research can be appropriate, depending on the hypothesis or research question being addressed by the applicant. NIDILRR does not have an absolute preference for one methodological approach or research stage. If the FI Projects grant is to conduct research that can be categorized under more than one stage including research that progresses from one stage to another, those stages must be clearly specified. These stages are: exploration and discovery, intervention development, intervention efficacy, and scale-up evaluation.

Informational Conference Call: will be held between 1:00 p.m. and 3:00 p.m. (Eastern time) on the date listed above for the informational conference call. Interested parties are invited to participate in the pre-application meeting to discuss the funding priority and to receive information and technical assistance. You must contact Megan.Alvarado@acl.hhs.gov in order to participate in this meeting. NIDILRR staff also will be available to provide information and technical assistance via individual phone consultations from 3:00 p.m. to 4:00 p.m. on the date listed above. Requests for individual consultations during this one-hour window must be made in advance to Megan Alvarado.

Link to Additional Information: <https://www.grants.gov/search-results-detail/360526>

Proposals Accepted Anytime

1. Division of Environmental Biology, NSF
<https://www.nsf.gov/funding/opportunities/deb-division-environmental-biology/nsf24-543/solicitation>
2. Condensed Matter and Materials Theory (CMMT), NSF
<https://www.nsf.gov/funding/opportunities/cmmt-condensed-matter-materials-theory>
3. Division of Materials Research: Topical Materials Research Programs (DMR: TMRP), NSF
<https://www.nsf.gov/funding/opportunities/dmr-tmrp-division-materials-research-topical-materials-research/nsf23-612/solicitation>
4. Research in the Formation of Engineers, NSF
<https://www.nsf.gov/funding/opportunities/rfe-research-formation-engineers>
5. Manufacturing Systems Integration (MSI), NSF
<https://www.nsf.gov/funding/opportunities/msi-manufacturing-systems-integration>
6. Electronics, Photonics and Magnetic Devices (EPMD), NSF
<https://www.nsf.gov/funding/opportunities/epmd-electronics-photonics-magnetic-devices>
7. Plant Genome Research Program (PGRP), NSF
<https://www.nsf.gov/funding/opportunities/pgrp-plant-genome-research-program/nsf24-547/solicitation>
8. Communications, Circuits, and Sensing-Systems (CCSS), NSF
<https://www.nsf.gov/funding/opportunities/ccss-communications-circuits-sensing-systems>
9. Fluid Dynamics, NSF
<https://www.nsf.gov/funding/opportunities/fluid-dynamics>
10. Biophotonics, NSF
<https://www.nsf.gov/funding/opportunities/biophotonics>
11. Environmental Sustainability, NSF
<https://www.nsf.gov/funding/opportunities/environmental-sustainability>
12. Particulate and Multiphase Processes, NSF
<https://www.nsf.gov/funding/opportunities/particulate-multiphase-processes>
13. Interfacial Engineering, NSF
<https://www.nsf.gov/funding/opportunities/interfacial-engineering>
14. Nanoscale Interactions, NSF
<https://www.nsf.gov/funding/opportunities/nanoscale-interactions>
15. Combustion and Fire Systems (CFS), NSF
<https://www.nsf.gov/funding/opportunities/cfs-combustion-fire-systems>

16. Infrastructure Innovation for Biological Research (Innovation), NSF
<https://www.nsf.gov/funding/opportunities/innovation-infrastructure-innovation-biological-research/nsf23-578/solicitation>
17. Infrastructure Capacity for Biological Research (Capacity), NSF
<https://www.nsf.gov/funding/opportunities/capacity-infrastructure-capacity-biological-research/nsf23-580/solicitation>
18. Energy, Power, Control, and Networks (EPCN), NSF
<https://www.nsf.gov/funding/opportunities/epcn-energy-power-control-networks>
19. Engineering of Biomedical Systems, NSF
<https://www.nsf.gov/funding/opportunities/engineering-biomedical-systems>
20. Catalysis, NSF
<https://www.nsf.gov/funding/opportunities/catalysis>
21. Process Systems, Reaction Engineering, and Molecular Thermodynamics, NSF
<https://www.nsf.gov/funding/opportunities/process-systems-reaction-engineering-molecular>
22. Disability and Rehabilitation Engineering (DARE), NSF
<https://www.nsf.gov/funding/opportunities/dare-disability-rehabilitation-engineering>
23. Cellular and Biochemical Engineering, NSF
<https://www.nsf.gov/funding/opportunities/cellular-biochemical-engineering>
24. Facility and Instrumentation Request Process (FIRP), NSF
<https://www.nsf.gov/funding/opportunities/firp-facility-instrumentation-request-process/nsf23-602/solicitation>
25. Research Infrastructure in the Social and Behavioral Sciences (RISBS), NSF
<https://www.nsf.gov/funding/opportunities/risbs-research-infrastructure-social-behavioral-sciences>
26. Mind, Machine and Motor Nexus (M3X), NSF
<https://www.nsf.gov/funding/opportunities/m3x-mind-machine-motor-nexus>
27. Cyberinfrastructure for Public Access and Open Science, NSF
<https://www.nsf.gov/funding/opportunities/ci-paos-cyberinfrastructure-public-access-open-science>
28. Multilateral Partnerships Leveraging Excellence (MultiPLEx), NSF
<https://www.nsf.gov/funding/opportunities/multiplex-multilateral-partnerships-leveraging-excellence>
29. Life and Environments Through Time (LET), NSF
<https://www.nsf.gov/funding/opportunities/let-life-environments-through-time/nsf25-517/solicitation>
30. Infrastructure Systems and People (ISP), NSF
<https://www.nsf.gov/funding/opportunities/isp-infrastructure-systems-people>

31. Facilitating Research at Primarily Undergraduate Institutions: Research in Undergraduate Institutions (RUI) and Research Opportunity Awards (ROA), NSF
<https://www.nsf.gov/funding/opportunities/rui-roa-pui-facilitating-research-predominantly-undergraduate/nsf14-579/solicitation>
32. Growing Research Access for Nationally Transformative Economic Development (GRANTED), NSF
<https://www.nsf.gov/funding/opportunities/granted-growing-research-access-nationally-transformative-economic>
33. Research in the Formation of Engineers (RFE), NSF
<https://www.nsf.gov/funding/opportunities/rfe-research-formation-engineers>
34. STEM K-12, NSF
<https://www.nsf.gov/funding/opportunities/stem-k-12-nsf-stem-k-12/nsf25-545/solicitation>
35. Economics, NSF
<https://www.nsf.gov/funding/opportunities/economics>
36. Division of Integrative Organismal Systems Core Programs, NSF
<https://www.nsf.gov/funding/opportunities/ios-division-integrative-organismal-systems-core-programs/nsf24-546/solicitation>
37. National Innovation Corps Teams (NSF National I-Corps (TM) Teams) program, NSF
<https://www.nsf.gov/funding/opportunities/nsf-national-innovation-corps-teams-nsf-national-i-corps-tm/nsf25-549/solicitation>

Announcing Previous Important Funding Opportunities

1. NIGMS Institutional Biomedical Undergraduate Research Training (BURT) Program (T34), NIH
Deadline: February 25, 2026
<https://www.nigms.nih.gov/training/Pages/burt>
2. Mid-Career Advancement (MCA), NSF
Application Deadline: March 2, 2026
<https://www.nsf.gov/funding/opportunities/mca-mid-career-advancement>
3. Environmental Education Grant Program, EPA
Deadline: March 3, 2026
<https://www.epa.gov/education/grants>
4. 21st Century Museum Professionals Program, IMLS
Deadline: March 13, 2026
<https://www.imls.gov/find-funding/funding-opportunities/grant-programs/21st-century-museum-professionals-program>
5. Laura Bush 21st Century Librarian Program, IMLS
Deadline: March 13, 2026
<https://www.imls.gov/find-funding/funding-opportunities/grant-programs/laura-bush-21st-century-librarian-program>

6. National Leadership Grants for Museums, IMLS
Deadline: March 13, 2026
<https://www.imls.gov/find-funding/funding-opportunities/grant-programs/national-leadership-grants-for-museums>
7. National Leadership Grants for Libraries, IMLS
Deadline: March 13, 2026
<https://www.imls.gov/find-funding/funding-opportunities/grant-programs/national-leadership-grants-for-libraries>
8. Inspire Grants for Small Museums, IMLS
Deadline: March 13, 2026
<https://www.imls.gov/find-funding/funding-opportunities/grant-programs/inspire-grants-for-small-museums>
9. NIA Expanding Research in AD/ADRD (ERA) Postbaccalaureate Research Education Program (R25 Independent Clinical Trial Not Allowed), NIH
Deadline: 30 days before application due date (LOI); From April 27 to May 27, 2026 (FP)
<https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-26-010.html>
10. Support for Research Excellence – First Independent Research (SuRE-First) Award (R16 - Clinical Trial Not Allowed), NIH
Deadline: May 27, 2026
<https://grants.nih.gov/grants/guide/pa-files/PAR-25-415.html>
11. Support for Research Excellence (SuRE) Award (R16 Clinical Trial Not Allowed), NIH
Deadline: May 27, 2026
<https://grants.nih.gov/grants/guide/pa-files/PAR-25-414.html>
12. Science, Technology, Engineering and Mathematic (STEM) Education and Workforce Program, Office of Naval Research (ONR)
Application Deadline: June 30, 2026
<https://www.onr.navy.mil/work-with-us/funding-opportunities/fy25-office-naval-research-onr-science-technology-engineering>
13. Social Psychology, NSF
Deadline: July 15, 2026
<https://www.nsf.gov/funding/opportunities/social-psychology>
14. Research and Development (RAD) Directed Energy (RD) University Assistance Instruments, Dept. of the Air Force, Air Force Research Lab
Deadline: until July 18, 2029 (Mandatory LOI); by invitation only (FP)
<https://www.grants.gov/search-results-detail/355499>
15. EPSCoR Research Infrastructure Improvement Program: EPSCoR Research Incubators for STEM Excellence (E-RISE), NSF
Deadline: August 11, 2026
<https://www.nsf.gov/funding/opportunities/e-rise-epscor-research-infrastructure-improvement-program-epscor>
16. Biological Technologies, Defense Advanced Research Projects Agency (DARPA)
Deadline: until September 30, 2026 (Abstract); by invitation only (FP)
<https://sam.gov/opp/8d403582edfd409795560247e8d229b7/view>

17. BRAIN Initiative: Theories, Models and Methods for Analysis of Complex Data from the Brain (R01 Clinical Trial Not Allowed), NIH
Deadline: October 6, 2026
<https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-27-004.html>
18. Information Innovation Office (I2O) Office-Wide, Defense Advanced Research Projects Agency (DARPA)
Deadline: until November 1, 2026 (Abstract); by invitation only (FP)
<https://sam.gov/opp/091b4d199d7241dbbb04b8d36cb88a16/view>
19. Grants Program, AMGEN Foundation
Deadline: Proposals Accepted Throughout the Year
<https://www.amgen.com/responsibility/healthy-society/community-investment/amgen-foundation/amgen-foundation-grants/amgen-foundation-grant-guidelines>
20. Basic, Applied, and Advanced Research in Science and Engineering, US Army Corps of Engineers (USACE) Engineer Research and Development Center (ERDC)
Deadline: until January 1, 2027 (Pre-Proposal); by invitation only (FP)
<https://www.erdcenter.army.mil/>



Universidad *de Puerto Rico*

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