

Oportunidades de Fondos Externos

Vicepresidencia de Recursos Externos
ACADEMIC YEAR 2025-26 / VOLUME III



Universidad
de Puerto Rico

LA MEJOR EDUCACIÓN A TU ALCANCE

OCTOBER 23, 2025

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 10/23/2025 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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Important Information

Some programs are currently under review or not accepting proposals. Before beginning your application, please contact the Program Officer or the designated point of contact for guidance.

Due to a lapse in appropriations, federal agencies are now closed. However, they will continue to accept proposals in accordance with published guidelines.

1. Computer and Information Science and Engineering: Future Computing Research (Future CoRe), NSF

Application Deadlines: February 5, 2026

Award Amount: range from \$150,000 to \$250,000 per year and are 3 to 4 years in duration

The NSF Directorate for Computer and Information Science and Engineering (CISE) support transformative research and education projects that develop new knowledge in all aspects of computing, communications, and information science and engineering through multiple research programs. These programs support research and education activities that advance:

- mathematical, scientific and technological foundations of computing communication, hardware, software and emerging technologies.
- understanding and development of computer and network systems, cyber-physical systems, and cybersecurity as well as their roles in solving complex scientific, engineering, and societal problems.
- understanding of the inter-related roles of people, computers, and information.

Program Description

This solicitation covers submission to the following Future CoRe programs. Research that fits within a single program and interdisciplinary research that spans more than one of these programs are welcome.

Please see the individual program webpages below for more information on what is within scope for these Future CoRe programs:

- **Algorithmic Foundations (AF)** – supports potentially transformative projects in the theory of algorithms and computational complexity, characterized by algorithmic innovation and rigorous analysis.
<https://www.nsf.gov/funding/opportunities/af-algorithmic-foundations>
- **Communications and Information Foundations (CIF)** – supports foundational research that addresses the theoretical underpinnings of information acquisition, transmission, and processing in communications and information processing systems.
<https://www.nsf.gov/funding/opportunities/cif-communications-information-foundations>
- **Computer Systems Research (CSR)** – supports the advancement and holistic design and development of integrated software and hardware computing systems, including classical and quantum elements, to enable an integrated, cohesive, intelligent computational ecosystem.
<https://www.nsf.gov/funding/opportunities/csr-computer-systems-research>
- **Computing Education Research (CER)** – supports transformative projects that inform our understanding of the effective teaching and learning of computing skills and concepts at all levels to contribute to the development of, and pathways toward a robust workforce well prepared for careers in CISE fields.
<https://www.nsf.gov/funding/opportunities/computing-education-research>

- **Cyber-Physical Systems Foundations and Connected Communities (CPS)** – supports convergent research on intelligent, engineered systems, built from the seamless integration of computation with physical components within natural and built environments. The program seeks foundational and translational advances in all areas of cyber-physical systems, including artificial intelligence for cyber-physical systems, and encourages multidisciplinary socio-technical innovation, transforming the way people, technologies, and the environment interact in communities.
<https://www.nsf.gov/funding/opportunities/cps-cyber-physical-system-foundations-connected-communities>
- **Foundations of Emerging Technologies (FET)** – supports foundational research at the intersection of computing and biological systems, nanoscale science and engineering, quantum information science, and other promising disruptive technologies supporting novel computing/communication models.
<https://www.nsf.gov/funding/opportunities/fet-foundations-emerging-technologies>
- **Human-Centered Computing (HCC)** – supports research in human-computer interaction, integrating across fields including computing, information, social and behavioral sciences, to (re)design technologies that amplify human capabilities, and understand how human, technical, and contextual aspects of computing and communication systems shape their benefits, effects, and risks.
<https://www.nsf.gov/funding/opportunities/hcc-human-centered-computing>
- **Information Integration and Informatics (III)** – supports research on computational approaches to the full data lifecycle to maximize the utility of information resources.
<https://www.nsf.gov/funding/opportunities/iii-information-integration-informatics>
- **Networking Technology and Systems (NeTS)** – supports research that advances intelligent communication network systems, including wired, wireless, Internet, internet of things, quantum, bio-inspired, nano, and other networks, as well as networks that span multiple domains and scales like space-air-ground integrated networks, while exploring their fundamental understanding, properties and trade-offs, and developing innovative tools and techniques, including artificial intelligence (AI), for designing, building, measuring and managing future communication network systems and services.
<https://www.nsf.gov/funding/opportunities/nets-networking-technology-systems>
- **Robust Intelligence (RI)** – supports computational research to understand and enable intelligent systems in complex, realistic contexts.
<https://www.nsf.gov/funding/opportunities/ri-robust-intelligence>
- **Software and Hardware Foundations (SHF)** – supports foundational research in the design, verification, operation, utilization and evaluation of computer hardware and software through novel approaches, robust theories, high-leverage tools, and lasting principles.
<https://www.nsf.gov/funding/opportunities/shf-software-hardware-foundations>

The CISE Future Computing Research program anticipates a portfolio of awards with a range of budgets and durations, including projects of smaller scope. Project durations and budgets must be commensurate with the scope of the proposed work up to the maximum limit of \$1,000,000 with duration up to 4 years. Typical projects are approximately \$150,000 to \$250,000 per year and are 3 to 4 years in duration. Projects are discouraged from exceeding \$300,000 in any single year. Estimated program budget, number of awards, and average award size/duration are subject to the availability of funds.

Expanding Geographic and Institutional Range in Computer and Information Science and Engineering
NSF CISE encourages proposal submissions from EPSCoR-eligible institutions to the CISE Future Computing Research programs, with an aim to enhance engagement within the science, technology, engineering, and mathematics (STEM) enterprise, specifically associated with geographic location, and thereby enabling the jurisdiction's national competitiveness. Through this initiative, CISE aims to promote funded activities that enable sustainable growth in research enterprise in EPSCoR jurisdictions. Collaborative proposals among the EPSCoR and Non-EPSCoR-eligible jurisdictions that are led by EPSCoR institutions are particularly welcomed.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/future-core-computer-information-science-engineering-future-computing/nsf25-543/solicitation>

2. Collaborative Research, NEH

Application Deadlines: November 19, 2025

Award Amounts:

- **Planning International Collaboration:** up to \$25,000 per year for a duration of six to twelve months
- **Manuscript Preparation:** up to \$250,000 per year for a duration of one to three years

The Collaborative Research program aims to advance humanistic knowledge through collaboration between two or more scholars. The program encourages projects that incorporate multiple points of view, explore new avenues of inquiry in the humanities, and lead to manuscripts for print publication.

You may propose a research project in a single field of study or interdisciplinary work. Scholars may be drawn from one or more institutions. Collaborations among different types of institutions are welcome. For example, research universities might partner with teaching colleges, libraries, museums, independent research institutions, or tribal organizations.

NEH welcomes international collaboration, but scholars at U.S. institutions must contribute significantly to the project. (see guidelines). If your project includes international collaborators, see NEH's Partnership Opportunity Notifications for sources of additional support from external partners.

You must propose tangible and sustainable outcomes as the end goal of the project, even if completion lies beyond the award period of performance. Outputs may include, but are not limited to, co-authored or multi-authored books; themed issues of peer-reviewed journals; or a series of peer-reviewed articles in academic journals or articles in general audience publications or both. All project outputs must address at least one stated humanities research question and convey interpretive humanities work. You must present a plan to disseminate the project's results.

Funding categories

The Collaborative Research program has two funding categories that support different types of collaborative projects and collaborative projects at different stages of development:

- **Planning International Collaboration** – supports initial meetings to brainstorm, plan, and establish new scholarly collaborations. This category is for early-stage projects involving at least one collaborator based in the U.S. and at least one collaborator based in a foreign country. The U.S.-based scholars must contribute significantly to the project. Examples of funded activities include, but are not limited to, research time to correspond and exchange ideas through videoconferencing; joint travel to a relevant site, archive, library, or collection to investigate a project's feasibility; exploratory workshops or working group meetings for collaborators; and writing time to complete a plan for future research and publication. The Planning category should advance work towards an interpretive research product.

- **Manuscript Preparation** – supports the completion of collaborative manuscripts in preparation for print publication. Examples include, but are not limited to, co-authored monographs and edited volumes; a series of peer-reviewed articles; and themed issues of peer reviewed journals. Typical funding requests include, but are not limited to, compensation for research and writing time; travel to a relevant site, archive, library, or collection to conduct research; and compensation for consultants and tribal or other community partners. The program does not support costs associated with holding or attending a conference, symposium, seminar, or workshop. You should submit the manuscript to a publisher at the end of the period of performance. NEH encourages publication that enables broad public access, insofar as the condition of the materials and intellectual property rights allow.

Program Outputs and Outcomes

The outputs of a Planning International Collaboration award may include:

- a written plan for collaborative research activities and future print publications or digital scholarly projects
- livestreamed or recorded video of workshops
- web-posted papers

The outputs of a Manuscript Preparation award may include:

- co-authored monograph
- edited volume
- a series of peer-reviewed articles
- themed issue of a peer-reviewed journal

The outcome of a Collaborative Research award will be the advancement of humanistic knowledge through collaboration between two or more scholars.

Link to Additional Information: <https://www.neh.gov/grants/research/collaborative-research-grants>

3. Economics, NSF

Application Deadline: Proposals Accepted Anytime

Award Information: see guidelines for award information

The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance.

The Economics program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The program places a high priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics Program and other NSF programs and NSF initiative areas. The program places a high priority on broadening participation and encourages proposals from groups and regions that traditionally have not participated fully in science, mathematics, and engineering.

The program also funds conferences and interdisciplinary research that strengthens links among economics and the

other social and behavioral sciences as well as mathematics and statistics.

The Doctoral Dissertation Research Improvement Grants (DDRIG) funding opportunity is designed to improve the quality of dissertation research. DDRIG proposals are submitted by a faculty member on behalf of the graduate student. DDRIG awards provide funds for items not normally available through the student's university such as enabling doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus. DDRIGs do not provide cost-of-living or other stipends or tuition. Outstanding DDRIG proposals specify how the knowledge to be created advances economics science. Please contact an Economics program officer if you plan to submit a DDRIG proposal.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/economics>

4. Growing Convergence Research (GCR), NSF

Application Deadline: February 9, 2026

Award Amount:

- **Phase I:** up to \$1,200,000 for years one and two
- **Phase II:** up to \$2,400,000 for years three to five

Convergence research is a means for solving vexing research problems, in particular, complex problems focusing on societal needs or deep scientific challenges. It entails integrating knowledge, methods, and expertise from different disciplines and developing novel paradigms that catalyze scientific discovery and innovation.

GCR identifies Convergence Research as having two primary characteristics:

- Research driven by a specific and compelling problem. Convergence research is generally inspired by the need to address a specific challenge or opportunity, whether it arises from deep scientific questions or pressing societal needs.
- Deep integration across disciplines. As experts from different disciplines pursue common research challenges, their knowledge, theories, methods, data, research communities and languages become increasingly intermingled or integrated. New frameworks, paradigms or even disciplines can form sustained interactions across multiple communities.

A distinct characteristic of convergence research, in contrast to other forms of multidisciplinary research, is that from the inception, the convergence paradigm intentionally brings together intellectually diverse researchers and stakeholders to frame the research questions, adopt common frameworks for addressing them, and create and implement innovative scientific approaches for their solution. This includes, when appropriate, developing new integrated theories, methods, research tools, and ways of communicating across disciplines and sectors. Research teams practicing convergence aim to develop sustainable collaborations that may not only create solutions to the specific problem studied but also develop novel ways of investigating related research questions and open new research vistas.

This GCR solicitation targets multidisciplinary teams who are embracing convergence research as a means of developing highly innovative solutions to complex research problems. GCR proposals are expected to be bold and address scientific or technical challenges and bottlenecks which if resolved, have the potential to transform scientific understanding and solve vexing problems. Successful GCR projects are anticipated to lead to paradigm shifting approaches within disciplines, establishment of new scientific communities, or development of transformative technologies that have the potential for broad scientific or societal impact.

The aim of GCR is to cultivate and grow the earliest foundations of convergent approaches for addressing a specific and compelling problem. As such, proposals submitted to this solicitation are expected to explore novel avenues not previously investigated that are at the forefront of advancing science through deep integration. Proposers must make a convincing case that the research to be conducted is within NSF's purview, integrates across NSF directorate or division boundaries, and is currently not supported by other NSF programs or solicitations.

Important Program Characteristics

Project funds should be used to grow new forms of deep integration across disciplines and conduct transformative research with high-impact potential. The proposed activities should be designed to fit the five-year timeframe. The proposal should explain how the project team will advance progress in developing the fundamental scientific or engineering understanding needed to address the specific societal and/or scientific problem that inspired the proposal. It should articulate what scientific and convergent outcomes are anticipated on two- and five-year time scales. It should also explain how the project may catalyze novel interactions beyond the project duration and new forms of scientific discovery within and across disciplines.

Proposals must include the following:

- A description of a long-term scientific vision motivated by a specific societal and/or scientific problem.
- A rationale explaining proposal suitability for this solicitation and why the stated problem requires growing a new convergence research approach.
- Clear description of scientific or technical challenges and bottlenecks which if resolved have the potential to transform our foundational scientific understanding.
- A five-year research plan, divided into two phases (years 1-2 and years 3-5), that employs a novel convergence paradigm comprising deep integration across disciplines.
- A convergence management plan that outlines strategies and procedures for growing convergent science during the project and beyond and that articulates how progress will be assessed.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/gcr-growing-convergence-research>

5. Archaeometry (AMTRY), NSF

Application Deadline: December 1, 2025

Anticipated Funding Amount: \$600,000 to \$700,000 for four awards

Three anthropological science programs, Archaeology, Biological Anthropology and Cultural Anthropology, are housed in the Division of Behavioral and Cognitive Sciences, part of NSF's Social, Behavioral and Economic Sciences Directorate. As a group, these programs support basic research that advances anthropological theory, expands our understanding of human cultural and biological variation in the past and present, and informs contemporary efforts to improve the human condition. The Archaeology Program focuses specifically on processes that have shaped past behavior in humans and their fossil relatives.

Program Description

The Archaeology Program administers an annual Archaeometry competition with a target date of December 1. The goal is to fund projects in two main categories:

- (1) To develop or refine anthropologically relevant archaeometric techniques. Examples include the development of methods to identify specific types of organic residues on ceramics or development of field applicable analytic techniques.

- (2) To support laboratories which provide relevant services. This includes support of service laboratories which, for example, may provide dating trace element, isotopic and dendrochronological analyses. It also includes support for data archives, which function to strengthen basic archaeological infrastructure.

Projects which apply standard archaeometric techniques with the goal to answer specific archaeological questions should be submitted to the Archaeology Senior Research Awards competition. Proposals are evaluated by both ad hoc reviewers and a panel composed of individuals who combine both archaeological and archaeometric expertise.

Proposals with a relevant cultural or biological orientation may be appropriate for co-review with the Cultural Anthropology or Biological Anthropology programs. Archaeometry proposals may also be reviewed with geological and biological science programs. Review with many other NSF programs may also be possible. Co-review may be requested by the PI but ultimately is at the discretion of the participating programs.

If a researcher is unsure whether the Archaeometry competition and NSF more broadly are appropriate for a proposal topic, they are encouraged to email a one-page summary of their project to the program officer(s) prior to a proposal submission.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/amtry-archaeometry/nsf23-573/solicitation#cont>

6. A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise (SoS:Bio), NSF

Application Deadline: February 9, 2026

Anticipated Funding Awards: range from \$100,000 to \$250,000 (total costs) per year for up to 4 years

The National Science Foundation (NSF) and the National Institutes of Health (NIH) seek proposals that will propel our understanding of the biomedical research enterprise by drawing from the scientific expertise of the science of science policy research community.

NSF promotes the progress of science by maintaining the general health of research and education across all fields of science and engineering. The Social, Behavioral and Economic Sciences (SBE) Directorate within NSF supports basic research on people and society. The SBE sciences focus on human behavior and social organizations; how social, economic, political, cultural and environmental forces affect the lives of people from birth to old age; and how people in turn shape those forces.

Program Description

Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise (SoS:Bio) is a joint program between the National Institute of General Medical Sciences (NIGMS) of the National Institutes of Health (NIH) and the Science of Science: Discovery, Communication, and Impact Program (SoS:DCI) of the National Science Foundation (NSF). SoS:Bio supports research that advances the scientific basis of science and innovation policy, with a focus on the biomedical sciences. Consistent with the SoS:DCI program, SoS:Bio will fund the development of models, analytical tools, data and metrics that can inform science policy and the development of the scientific enterprise. SoS:Bio welcomes individual and collaborative research projects and places a high priority on interdisciplinary research and on broadening participation.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/sosbio-science-science-approach-analyzing-innovating-biomedical/nsf23-569/solicitation>

7. Mathematical Sciences Infrastructure Program, NSF

Application Deadline: February 3, 2026

Award Budget: see program information for funding information

The primary aim of the Mathematical Sciences Infrastructure Program is to foster the continuing health of the mathematical sciences research community as a whole. In addition, the program complements the Workforce Program in the Mathematical Sciences in its goal to increase the number of well-prepared U.S. based individuals who successfully pursue careers in the mathematical sciences and in other professions in which expertise in the mathematical sciences plays an increasingly important role. The DMS Infrastructure program invites projects that support core research in the mathematical sciences, including: 1) novel projects supporting research infrastructure across the mathematical sciences community; 2) training projects complementing the Workforce Program, and 3) conference, workshop, and travel support requests that include cross-disciplinary activities or have an impact at the national scale.

Proposals under this solicitation submitted to DMS Infrastructure must show engagement in developing or enhancing the mathematical sciences research infrastructure in the U.S., including, but not limited to, broadening participation activities; professional development training; or involvement of students and early career researchers. Proposals must explain the regional or national scale impact of the activity that goes substantially beyond the submitting institution or the location of the event.

Infrastructure Project Categories:

- (1) **Novel projects that serve to strengthen the research infrastructure:** The DMS Infrastructure Program will consider novel projects that support and strengthen the research infrastructure across the mathematical sciences community. These projects most often cut across multiple sub-disciplines supported by DMS or involve interdisciplinary collaborations. The main goal of these projects should be to create a new research infrastructure or substantially enhance or transform an existing infrastructure with regional or national impact that goes substantially beyond the submitting institution or the location of the project.
- (2) **Training projects:** Training proposals submitted to DMS Infrastructure must not fit into one of the areas covered by solicitations in the Workforce Program in the Mathematical Sciences; they must be submitted by the Full Proposal Target Date; and they must:
 - a. Include a core research component for trainees in mathematical sciences.
 - b. Demonstrate promises for an impact on the regional or national scale that goes substantially beyond the submitting institution or the location of the project.
 - c. Satisfy at least one of the following criteria:
 - i. Serve as models to be replicated.
 - ii. Promote partnerships with non-academic entities, minority-serving institutions, or community colleges.
 - iii. Include a substantial broadening participation initiative.

In addition, all proposals of this type must clearly identify:

- Goals to be achieved
- Specific new activities to be conducted, the way in which these address the goals, and the way in

- which the activities significantly differ from or enhance common practice
- Measurable outcomes for the project
- Plans and methods for assessment of progress toward the goals to be achieved, and for evaluation of the success of the activity
- Recruitment, selection, and retention plans for participants, including members of underrepresented groups
- Sustainability plans to continue the pursuit of the project's goals when funding terminates
- A budget commensurate with the proposed activity

(3) **Conferences, Symposia, Working Research Sessions, Travel Support Requests:** Principal Investigators should carefully read the program solicitation Conferences and Workshops in the Mathematical Sciences to obtain important information regarding the substance of proposals for conferences, workshops, summer/winter schools, international travel support, and similar activities.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/mathematical-sciences-infrastructure-program>

8. Developmental Sciences, NSF

Application Deadline: January 30, 2026

Anticipated Funding Amount: \$6,500,000 for twelve awards

The Developmental Sciences program is housed in the Division of Behavioral and Cognitive Sciences, part of NSF's Social, Behavioral, and Economic Sciences Directorate. This program supports basic research that advances our understanding of perceptual, cognitive, linguistic, social, cultural, and biological processes related to human development across the lifespan.

Program Description

The Developmental Sciences program supports basic research that advances our understanding of perceptual, cognitive, linguistic, social, cultural, and biological processes related to human development across the lifespan. Research supported by this program will expand our knowledge of the underlying developmental processes that support social, cognitive, and behavioral functioning, thereby illuminating ways for individuals to live productive lives as members of society.

The Developmental Sciences program supports research that addresses developmental processes within the domains of perceptual, cognitive, social, emotional, language, and motor development across the lifespan by working with any appropriate populations for the topics of interest including infants, children, adolescents, adults (including aging populations), and non-human animals. The program also supports research investigating factors that affect developmental change, including family, peers, school, community, culture, media, physical, genetic, and epigenetic influences. The program funds research that incorporates multidisciplinary, multi-method, and/or longitudinal approaches; develops new methods, models, and theories for studying development; and integrates different processes (e.g., memory, emotion, perception, cognition), levels of analysis (e.g., behavioral, social, neural) and time scales. The program funds basic research that advances our understanding of developmental processes and mechanisms; the program does not fund clinical trials and/or research focused primarily on health outcomes.

The program seeks to support research that (1) involves diverse methodologies and theoretical perspectives; (2) includes participants from a range of communities, ethnicities, socioeconomic backgrounds, and cultures; and (3) helps diversify research project leadership (PIs and co-PIs), ideas, and approaches via equity-centered collaborative models. Proposals that include participants from historically marginalized groups and/or groups underrepresented in

developmental science research should demonstrate cultural competence within the research team to conduct research with these communities. PIs should provide clear evidence of equity-centered collaborative practices with community members.

The NSF Developmental Sciences Program supports multiple types of proposals:

- **Standard Research Proposals** – A project can be proposed to be carried out by a single researcher or a research team comprising a principal investigator along with co-principal investigators, other senior/key personnel, postdoctoral researchers, or other personnel (including specialists from other disciplines and other countries) as needed for the conduct of the research.
- **Conference/Workshop Proposals** – The program supports thematic conferences or workshops designed to highlight broadly relevant disciplinary or interdisciplinary research gaps and needs, future research priorities, innovations, and grand challenges.
- **Research Experiences for Undergraduates (REU) Supplemental Funding Requests** – provides support for one or two undergraduate students to participate in research as a part of a new or ongoing NSF-funded research project.
- Non-Academic Research Internships for Graduate Students (INTERN) Supplemental Funding Requests
- **Faculty Early Career Development (CAREER) Program Proposals** – program for junior faculty (untenured but tenure-track or equivalent)
- Mid-career Advancement (MCA) program supplemental funding
- Career-life balance supplemental funding
- **Facilitating Research at Primarily Undergraduate Institutions: Research in Undergraduate Institutions (RUI) and Research Opportunity Awards (ROA) Proposals and Supplemental Funding Requests** – support research by faculty members at predominantly undergraduate institutions (PUIs). RUI proposals support PUI faculty in research that engages them in their professional field(s), builds capacity for research at their home institution, and supports the integration of research and undergraduate education.
- Research Coordination Network (RCN) Proposals
- **Rapid Response Research (RAPID) Proposals** – awards to support urgent research. Proposals are accepted anytime.
- **Early-concept Grants for Exploratory Research (EAGER) Proposals** – supports research on untested but potentially transformative research ideas and approaches.
- Research Advanced by Interdisciplinary Science & Engineering (RAISE) Proposals

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/ds-developmental-sciences/nsf24-544/solicitation#cont>

9. Professional Development Program Grant Call for Pre-Proposals, Southern Sustainable Agriculture Research and Education (SSARE)

Application Deadline:

- **Pre-Proposals:** November 14, 2025
- **Selected Pre-Proposals Invited to Submit Full Proposals:** February 2026
- **Full Proposals:** May 2026

Award Budget: up to \$100,000 per year for a duration of one to two years

Professional Development Program Grants are competitive training grants. They are designed to further education and outreach strategies for professional and educators who work directly with farmers and ranchers.

The grant funds training activities that educate ag professionals in up-to-date strategies and technologies to help farmers and ranchers increase profits and lessen environmental impacts. PDP grants support such activities as producing workshops, creating educational manuals and videos, or conducting on-farm tours and demonstrations.

Proposed projects must focus on Southern SARE's program objectives in developing sustainable agriculture systems or moving existing farming systems toward sustainability, as defined by Congress in the 1990 Farm Bill.

A simple way to think about sustainable agriculture is that it involves producing enough food and fiber to satisfy today's needs without compromising the ability of future generations to do the same. Sustainability as defined by the SARE program contains three pillars:

- Profit over the long term
- Stewardship of our nation's land, air and water
- Quality of life for farmers, ranchers, farm employees and our communities.

To be considered for funding, a project must meet the following five criteria:

1. Project outcomes must focus on developing sustainable agriculture systems or moving existing systems toward sustainability, as defined in the 1990 Farm Bill. The 1990 Farm Bill defines sustainable agriculture as an integrated system of plant and animal production practices having a site-specific application that will, over the long term:
 - satisfy human food and fiber needs.
 - enhance environmental quality and the natural resource base upon which the agricultural economy depends.
 - make the most efficient use of nonrenewable resources and on-farm resources, and integrate, where appropriate, natural biological cycles and controls.
 - sustain the economic viability of farm operations.
 - enhance the quality of life of farmers and ranchers, and of society as a whole.
2. A project's central purpose must be to provide or enable training to one or all of the following: Cooperative Extension Service agents, USDA field personnel from the Natural Resources Conservation Service, the Farm Service Agency and other USDA agencies, and other agricultural professionals and educators, including mentor farmers* who will serve as trainers. Research projects and farmer-outreach or education projects do not qualify for this funding. Per USDA-NIFA, proposals must not promote, support, or take part in diversity, equity, and inclusion (DEI) initiatives or any other initiatives that discriminate on the basis of race, color, religion, sex, national origin, or other protected characteristic.

Projects should include or involve the following:

- the development of a case for relevancy to southern agriculture and significance to the state(s) involved

- participation or support from both 1862 and 1890 land grant universities
- how the training need was determined
- effective participatory training methods
- systems approach that includes environmental, societal, and economic impacts to the community
- interdisciplinary efforts and multi-institutional partnerships that can endure beyond the life of the project
- farmer involvement in planning, evaluation, and delivery of training
- when possible, multiple formats should be used in the delivery of training material; while other formats are allowed, final deliverables should be in an internet-ready format

Link to Additional Information: <https://southern.sare.org/grants/apply-for-a-grant/professional-development-program-grants/>

10. Young Faculty Award (YFA) 2026, Dept. of Defense - DARPA

Application Deadline: January 20, 2026

Award Budget: up to \$250,000 per year for a duration of 24 months

The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to Department of Defense (DoD) needs and DARPA's mission to create and prevent technological surprise for national security. The YFA program will provide high-impact funding to researchers early in their careers to develop innovative new research that enables transformative DoD capabilities. Ultimately, the YFA program is developing the next generation of researchers focused on national security issues.

The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to Department of Defense (DoD) needs and DARPA's mission to create and prevent technological surprise for national security. The YFA program will provide high impact funding to researchers early in their careers to develop innovative new research that enables transformative DoD capabilities. Ultimately, the YFA program is developing the next generation of researchers focused on national security issues.

Program Description/Scope

DARPA is soliciting innovative research proposals in the areas of interest to the following DARPA technical offices: Defense Sciences Office (DSO), Biological Technologies Office (BTO), Information Innovation Office (I2O), and the Microsystems Technology Office (MTO).

Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

DARPA is interested in expanding its pool of available, clearable personnel for future programs. In support of that goal, proposers now have the option to include an additional option effort for a U.S. Person Graduate Student in a supporting capacity on the project. Interested Proposers should include a Statement of Work (SOW) and associated cost proposal for an optional effort to run concurrently with the 24-month base period that may be exercised once an eligible graduate student has been identified and confirmed. Proposers may structure the option in a manner appropriate to their project and institutional requirements, provided that the proposed Period of Performance (PoP) remains within the 24-month base period of the initial award.

Topic Areas

This RA solicits single Principal Investigator (PI) proposals for research and development in the specific TAs of interest articulated below. All submissions must align with an office, technical area, and key word.

Potential applicants are encouraged to carefully consider the descriptions of the TAs before submission. Each submission (executive summary or full proposal) must specify ONE and only one TA for the submission.

1. Coherence and Entanglement in Nuclear Processes
2. Relativistic Quantum Information Processing with Spacetime Diamonds
3. 3D Micromachined MEMS Microsystems
4. Biomarkers of Mild Psychological and Neural Damage
5. The Numerical Analysis of Agentic Artificial Intelligence (AI) Interactions
6. Calibrated Plasma Measurement with Traceable Uncertainty
7. Enhancing Underwater Communication and Detection
8. DNA Rapid Access Memory
9. Designer Biocondensates
10. Combat-Oriented Magnetic Physiological Assessment Sensor Systems (COMPASS)
11. Unlocking Next Generation Separations
12. Bioprinted Living Meta-Materials (BioLiMMa)
13. Formal Assurance and Loss of Control Containment of AI
14. Control theory of Large Language Models (LLM)
15. AI and the Future of Work: Surfacing Task-Level Opportunities for AI Adoption
16. Formal foundations for Informal Math (FIM)
17. Grounding Symbolic Robotic Knowledge
18. Compiler Infrastructure Beyond Traditional Compilation
19. Molecular Machines for Advanced Materials
20. Energy Harvesting in Lunar Regolith
21. Visible and UV Photonic Integrated Circuits
22. Pliable Packaging for Polymorphic Power (PPPP)
23. Optical Memory for Photonic Integrated Circuits
24. Advancing Fully Integrated Microfluidic Systems

Prior to submitting a full proposal, proposers are strongly encouraged to first submit an executive summary. As the YFA is considered a mentorship program, submission of a proposal is strongly discouraged if a proposal is not recommended for submission based on the executive summary.

Link to Additional Information: <https://sam.gov/opp/4684612f58f04b68871fb28792d4f913/view>

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>

Announcing Previous Important Funding Opportunities

1. Applied Mathematics, NSF
Application Deadline Window: November 1, 2025 - November 17, 2025
<https://www.nsf.gov/funding/opportunities/applied-mathematics>
2. PFE: Research Initiation in Engineering Formation (PFE: RIEF), NSF
Deadline: November 12, 2025
<https://www.nsf.gov/funding/opportunities/pfe-rief-pfe-research-initiation-engineering-formation>
3. Archival Projects, National Historical Publications & Records Commission-National Archives
Deadline: November 15, 2025
<https://www.archives.gov/nhprc/announcement/archival.html>
4. Cyberinfrastructure for Sustained Scientific Innovation (CSSI), NSF
Deadline: December 1, 2025
<https://www.nsf.gov/funding/opportunities/cssi-cyberinfrastructure-sustained-scientific-innovation/nsf22-632/solicitation>
5. Scholarly Editions and Translations, NEH
Deadline: December 3, 2025
<https://www.neh.gov/grants/research/scholarly-editions-and-translations-grants>
6. National Digital Newspaper Program, NEH
Deadline: January 15, 2026
<https://www.neh.gov/grants/preservation/national-digital-newspaper-program>
7. Cybersecurity Innovation for Cyberinfrastructure (CICI), NSF
Deadline: January 21, 2026
<https://www.nsf.gov/funding/opportunities/cici-cybersecurity-innovation-cyberinfrastructure/nsf25-531/solicitation>
8. Mid-Career Advancement (MCA), NSF
Application Deadline Window: February 1, 2026 - March 2, 2026
<https://www.nsf.gov/funding/opportunities/mca-mid-career-advancement>
9. Collaborations in Artificial Intelligence and Geosciences (CAIG), NSF
Deadline: February 4, 2026
<https://www.nsf.gov/funding/opportunities/caig-collaborations-artificial-intelligence-geosciences/nsf25-530/solicitation>
10. Translation and Diffusion (TD), NSF
Deadline: February 4, 2026
<https://www.nsf.gov/funding/opportunities/td-translation-diffusion/nsf25-528/solicitation>
11. 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>

12. 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>
13. 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>
14. Science, Technology, Engineering and Mathematic (STEM) Education and Workforce Program, Office of Naval Research (ONR)
Application Deadline Window: from July 7, 2025, to June 30, 2026
<https://www.onr.navy.mil/work-with-us/funding-opportunities/fy25-office-naval-research-onr-science-technology-engineering>
15. 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>
16. 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>
17. AFRI Competitive Grants Program Foundational and Applied Science Program, NIFA / USDA
Deadline: see opportunity announcement
<https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-foundational-applied-science>



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