

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 8/18/2026 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. Higher Education Challenge (HEC) Grants Program, USDA/NIFA

Application Deadlines: October 15, 2026

Award Budget:

- **Standard:** up to \$150,000 for a period of 36 to 48 months
- **Collaborative 1 (CG1):** up to \$300,000 for a period of 36 to 48 months
- **Collaborative 2 (CG2):** up to \$750,000 for a period of 36 to 48 months

The purpose of HEC is to strengthen institutional capacities, including curriculum, faculty, scientific instrumentation, and student recruitment and retention. Specifically, applications submitted to this program must state how the funded project will address the HEC program goals to:

1. Strengthen institutional capacities (curriculum, faculty, scientific instrumentation, instruction delivery systems, and student recruitment and retention) to address state, regional, or national educational needs in the food and agricultural sciences, with an emphasis on building U.S. capacity to engage and lead in a global context.
2. Attract and support citizens, nationals, or permanent residents of the United States to pursue advanced degrees in food and agricultural sciences or in rural economic, community, and business development.
3. Facilitate cooperative initiatives between two or more eligible institutions, or between eligible institutions and units of the government or organizations in the private sector, to maximize the development and use of resources such as faculty, facilities, and equipment to improve food and agricultural sciences teaching programs, or teaching programs emphasizing rural economic, community, and business development.
4. Design and implement food and agricultural science programs, or programs emphasizing rural, economic, community, and business development, to build teaching, research, and extension capacity across a range of colleges and universities.
5. Advocate for scholarly initiatives for third and fourth year undergraduates to encourage students to consider pursuing advanced degrees to address demands for highly skilled workforce in food and agricultural sciences, as well as in rural economic, community, and business development.
6. Expand opportunities for skills-focused education that enable students to pursue advanced degrees in the food and agricultural sciences, supporting the development of a skilled workforce.
7. Enhance the quality of instruction for graduate degrees in the food and agricultural sciences, as well as first professional degrees in the veterinary sciences to help meet current and future workforce needs in these areas.
8. Attract exceptionally talented citizens, nationals, or permanent residents of the United States into research or academic careers in the food and agricultural sciences who will engage in graduate and postdoctoral fellowship programs.

The HEC program is focused on developing and improving formal master's or doctorate degree-level food and agricultural sciences education and first professional degree-level education in veterinary medicine, such as a doctorate in veterinary medicine (DVM). The HEC program provides eligible applicants with funding to help ensure that a competent and qualified workforce will exist to serve the food and agricultural sciences system. At the same time, HEC-funded projects improve the economic health and viability of communities through the development of degree programs emphasizing new and emerging employment opportunities. HEC projects address the national challenge to increase the number of advanced degree students entering the food and agricultural sciences.

HEC projects are expected to:

- a. produce measurable impacts aligned with HEC program goals;
- b. promote innovative educational practices within the food and agricultural sciences that improve how students learn;
- c. include a rigorous evaluation component to assess that project outcomes are met. Institutions must demonstrate capacity for, and a significant ongoing commitment to, the teaching of the food and agricultural sciences generally, and to the specific need and/or discipline(s) for which a grant is requested.

Projects should encourage academic institutions, in partnership with organizations and employers, to collectively identify and address a state or regional challenge or opportunity facing the food and agricultural sciences education to further workforce development. Virtual education and extension/outreach techniques that broaden the reach and access to audiences are encouraged.

Projects must primarily focus on advanced baccalaureate (third and fourth year), graduate, or DVM-level education. However, a project may also include an ancillary target impact on either secondary or 2-year postsecondary students who are interested in graduate education in areas related to food and agricultural sciences.

Educational Need Areas

1. Curriculum Development for Promoting Student Career Opportunities

Projects should promote new and improved curricula and materials to increase the quality of, and continuously renew, the Nation's academic programs in the food and agricultural sciences. Additionally, projects should stimulate the development, and facilitate the use, of exemplary education models and materials that incorporate the most recent advances in subject matter research, research on teaching and learning theory, and instructional technology. Projects may develop students' analytical, interpersonal, leadership, communication, problem-solving, computational, and decision-making skills and abilities.

2. Faculty Preparation and Enhancement for Teaching

Projects should advance faculty development in the areas of teaching competency, subject matter expertise, pedagogy, responsiveness to changes in student learning styles, student recruitment, and advising skills. Training of faculty must be relevant to the identified educational needs of students.

3. Facilitating Interaction with Other Academic Institutions

This need area promotes linkages between baccalaureate degree-granting institutions to maximize the use of resources supporting outstanding education in the food and agricultural sciences. Additionally, this need area supports linkages between baccalaureate degree-granting institutions and secondary, and/or 2-year postsecondary, institutions to make instruction targeted at undergraduate students available to secondary students as advanced placement credit or as transfer credit from associate-degree programs into baccalaureate-level programs. Projects that create bridges for baccalaureate level students to pursue advanced degrees (including master's, doctorate and DVM) are also appropriate to this need area.

There is no limit on the number of applications that an institution may submit. However, under this program each institution or applicant group may receive no more than two awards per annual HEC competition. In addition, each institution or organization may receive only one CG2 grant per HEC competition. Individual academic or administrative units within an institution - such as colleges, schools of agriculture, or similar divisions—may serve as the lead institution on only one active CG2 grant at a time.

Link to Additional Information: https://www.nifa.usda.gov/grants/programs/higher-education-challenge-grants-program-hec?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term=

2. Computer and Information Science and Engineering (CISE): Future Computing Research, NSF

Application Deadlines: October 5, 2026

Award Budget: up to \$1,000,000 for a period of up to 4 years

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)** program 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)** program 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)** program 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)** program 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)** program 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)** program 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)** program 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)** program 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)** program 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) program [Program Webpage] 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)** program 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>

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.

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

Limit on Number of Proposals per PI or co-PI: 2

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

3. Measurement Science and Engineering (MSE) Research Grant Programs, NIST

Application Deadlines: September 15, 2026

Award Information: see each program

NIST's mission is to promote innovation and industrial competitiveness by advancing measurement science, standards, and technology, including by funding extramural research. This opportunity seeks applications for measurement science and standards research in the areas described by each MSE Grant Program below, which will support the development of a general population that understands and appreciates measurement science and standards. NIST seeks to collaborate with a wide range of organizations including but not limited to minority-serving institutions and community colleges, in support of NIST's mission.

1. Associate Director for Innovation and Industry Services (ADIIS) Grant Program

The ADIIS Grant Program supports activities that develop, expand, strengthen, or sustain NIST partnership programs within the ADIIS Directorate through measurements, standards, data, industry and technology studies, and technology research and development (R&D). Specifically, the ADIIS Grant Program seeks to support technology innovation and service to American industry in fields including bioscience, chemistry, dimensional metrology, electronics, engineering, infrastructure, information technology, manufacturing, manufacturing metrology, materials science and engineering, nanotechnology, neutron research, optics, and physics.

The ADIIS Directorate's current partnership programs include the Baldrige Performance Excellence

Program¹, the Hollings Manufacturing Extension Partnership (MEP)², programs within the NIST Office of Advanced Manufacturing³, and programs within the NIST Technology Partnerships Office⁴. Financial assistance may be provided to bolster measurements, standards, data, and technology R&D within these partnership programs, or through new partnerships, to:

- advance early-stage research and development for industry;
- enhance opportunities in manufacturing through innovation;
- strengthen supplier programs for small and medium manufacturers;
- encourage the transfer and commercialization of research and technology from institutions of higher education, federal laboratories, other federally funded research programs, and nonprofit research institutes, as well as research or evaluate the impacts of such transfer and commercialization;
- create jobs or promote workforce development; and
- realize or sustain metrology needs in American industry, including through technical metrology training programs for manufacturers.

Financial support may be provided for conferences, workshops, studies, workforce development activities, or technical R&D meetings that are relevant to advancing NIST partnerships in technology innovation and service to American industry. However, NIST cannot be an official sponsor or co-sponsor for any event funded through this program.

2. Associate Director for Laboratory Programs (ADLP) Grant Program

The ADLP Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the NIST mission in areas consistent with the interests of NIST research programs including but not limited to bioscience, communications, advanced manufacturing, artificial intelligence, resilience, quantum information science, etc. Financial support may be provided to organizations to sponsor individual participation in career development and outreach programs in advance of the NIST mission and laboratory priorities. Financial support may be provided for students to attend education and outreach programs, conferences, workshops, or other technical research meetings that are relevant to the mission of the ADLP. Financial support may also be provided to organizations sponsoring conferences, workshops, education and outreach programs, or other technical events that are relevant to the mission of the ADLP.

Additional information about the ADLP & ADLP may be obtained at <http://www.nist.gov/director/adlp.cfm> .

3. CHIPS Research & Development Program Office (CRDO) Grant Program

The CRDO supports advanced microelectronics research to advance the development of semiconductor technologies. The CRDO is focused on establishing the capacity of inventing, developing, prototyping, and deploying the foundational semiconductor technologies of the future in the United States. The CRDO's activities enable advances and breakthroughs in measurement science, standards, material characterization, instrumentation, testing, and manufacturing capabilities to ensure U.S. competitiveness and leadership in microelectronics.

Additional information about the CRDO & CRDO may be obtained at <https://www.nist.gov/chips/research-development-programs> .

4. Communications Technology Laboratory (CTL) Grant Program

The Communications Technology Laboratory (CTL) plays a vital role in ensuring that American industry can satisfy the growing global need for broadband technologies and applications through the accelerated development, testing, and deployment of advanced communications and connected systems technologies for commercial and government applications.

The CTL Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the CTL mission in the broad areas of public safety research, RF technologies, wireless networks including 6G and beyond, smart connected systems, quantum communications including both network and components, spectrum sharing and sensing, and space communications.

Additional information about the CTL and CTL may be obtained at www.nist.gov/ctl .

5. Engineering Laboratory (EL) Grant Program

The EL Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the EL's mission to support research in the following fields: advanced manufacturing; additive manufacturing; robotics and autonomous systems; intelligent systems; and information systems integration for applications in manufacturing; polymeric materials; heating, ventilation, air conditioning, and refrigeration (HVAC & R) equipment performance; building mechanical systems and controls; building envelope and material performance; energy conversion systems; premise plumbing and water use; indoor air quality and ventilation; and applied economics. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of EL.

The EL Grant Program supports the EL mission to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology for engineered systems in ways that enhance economic security and improve quality of life. Typical funded activities may include measurement science research; development of performance metrics, tools, and methodologies for engineering technologies and applications; and critical technical contributions to standards and code development.

Additional information about the EL and EL Programs may be obtained at www.nist.gov/el .

6. Fire Research (FR) Grant Program

The FR Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research in areas of current interest to the Fire Research Division. The Fire Research Division develops, verifies, and utilizes measurements and predictive methods to quantify the behavior of fire and means to reduce the impact of fire on society. This work involves the integration of laboratory measurements, verified methods of prediction, and large-scale fire experiments to demonstrate the use and value of the research products.

All applications submitted must be in accordance with the program objectives listed below.

- a. Fire Fighting Technology Group
- b. Engineered Fire Safety Group
- c. Flammability Reduction Group
- d. Wildland Urban Interface Fire Group
- e. National Fire Research Laboratory Group

7. Information Technology Laboratory (ITL) Grant Program

The mission of the Information Technology Laboratory (ITL) is to cultivate trust in information technology (IT) and metrology and is accomplished using its world-class measurement and testing facilities and encompassing a wide range of areas of computer science, mathematics, statistics, and systems engineering. The ITL Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the ITL's missions to support research in the following fields: applied and computational, mathematics, artificial intelligence, big data analytics, biometrics, cloud computing, cyber-physical systems, cybersecurity, forensic science, health information technology, high-

performance computing, human factors and usability, information access, information processing and understanding, Internet of Things (IoT), metrology infrastructure for modeling and simulation, privacy engineering, and statistical design, analysis, and interpretation.

Additional information about the ITL and ITL Programs may be obtained at www.nist.gov/itl.

8. International and Academic Affairs Office (IAAO) Grant Program

The IAAO Grant Program has been designed to support activities that strengthen and enhance the international metrology community and promote U.S. innovation and industrial competitiveness in support of the NIST mission. NIST seeks to promote the efforts of International Organizations with a metrology mission, Regional Metrology Organizations, National Metrology Institutes and Designated Institutes to bolster the global metrology system and regional metrology cooperation and enhance quality infrastructure. The IAAO Grant Program will support scientific, industrial and/or legal metrology activities and related quality infrastructure endeavors with an emphasis on the Western Hemisphere, Asia Pacific, and Africa. Financial support may be provided for conferences, workshops, or other technical meetings (in-person and virtual) that are relevant to the mission of the IAAO. However, NIST cannot be an official sponsor or co-sponsor for any event funded through this program.

Additional information about the IAAO and IAAO Programs may be obtained at www.nist.gov/iaao.

9. Material Measurement Laboratory (MML) Grant Program

The MML supports the NIST mission by serving as the national reference laboratory for measurements in the chemical, biological, and material sciences. The MML is entrusted with developing, maintaining, advancing, and enabling measurement systems in these areas for the nation. The MML's activities range from fundamental and applied research on the composition, structure, and properties of industrial, biological, and environmental materials and processes to the development and dissemination of certified reference materials, critically evaluated data and other programs that help assure measurement quality.

The MML Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research in the following fields: materials science and engineering, materials measurement science, biosystems and biomaterials, biomolecular measurements, chemical sciences, and applied chemicals and materials.

10. NIST Center for Neutron Research (NCNR) Grant Program

The NCNR Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research involving neutron scattering and the development of innovative technologies that advance the state-of-the-art in neutron research.

Financial support may be provided for conferences, workshops, or other technical meetings that are relevant to the mission of the NCNR. However, NIST cannot be an official sponsor or co-sponsor for any event funded through this program.

Additional information about the NCNR and NCNR Programs may be obtained at www.nist.gov/ncnr.

11. Physical Measurement Laboratory (PML) Grant Program

The PML Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the PML mission to support research in the broad areas of mechanical metrology, semiconductors, ionizing radiation physics, medical physics, biophysics, neutron physics, atomic physics, optical technology, optoelectronics, electromagnetics, time and frequency, quantum physics, weights and measures, quantum electrical metrology, temperature, pressure, flow, far UV physics,

nanotechnology, and metrology with synchrotron radiation.

Additional information about the PML and PML Programs may be obtained at www.nist.gov/pml.

12. Special Programs Office (SPO) Grant Program

The SPO Grant Program provides financial assistance to support the conduct of research or a recipient's portion of collaborative research consistent with the SPO mission for special programs in broad areas of critical national need and in response to federal mandates that cut across NIST's scientific and technical mission-focused laboratory programs such as forensic science research, foundation studies, and standards and greenhouse gas measurements research and standards.

Additional information about the SPO and SPO Programs may be obtained at <https://www.nist.gov/special-programs-office-spo>.

13. Standards Coordination Office (SCO) Grant Program

The SCO plays a unique role in the Federal government by coordinating Federal standards and conformity assessment activities; supporting U.S. industry with standards-related tools and information necessary to effectively compete in the global marketplace; and serving as a resource to Federal agencies and the private sector on the U.S. approach to standards and conformity assessment.

Information about the SCO and SCO programs is available at <https://www.nist.gov/standardsgov>.

Link to Additional Information: <https://simpler.grants.gov/opportunity/9784a84d-b011-480b-b78a-f6410c6ad106>

4. National Institute of General Medical Sciences Predoctoral Basic Biomedical Sciences Research Training Program (T32), NIH

Application Deadline: September 25, 2026

Award Amount: budgets are not limited but must reflect the actual needs of the proposed project

The overall goal of the NIH Ruth L. Kirschstein National Research Service Award (NRSA) program is to help ensure that a pool of highly trained scientists is available in appropriate scientific disciplines to address the nation's biomedical, behavioral, and clinical research needs. The NRSA program has been the primary means of supporting predoctoral and postdoctoral research training programs since enactment of the NRSA legislation in 1974.

Each NIGMS funded NRSA program is expected to provide a rigorous, well-designed research training program to provide mentored research experiences, courses, seminars, and additional training opportunities that equip trainees with the following skills required for careers in the biomedical research workforce:

- Technical (for example, appropriate methods, technologies, and quantitative/computational approaches).
- Operational (for example, independent knowledge acquisition, rigorous experimental design, interpretation of data, and conducting research in the safest manner possible).
- Professional (for example, management, leadership, communication, and teamwork).

Through this funding announcement, NIGMS encourages changes in biomedical graduate research training to keep pace with the rapid evolution of the biomedical research enterprise, which is increasingly complex, interdisciplinary, quantitative, and collaborative. Other changes in the biomedical research enterprise include the approaches utilized to investigate research questions, and the range of the careers that biomedical Ph.D. recipients are pursuing. Additionally, there is an increasing recognition of the need to enhance reproducibility of biomedical research results through scientific rigor and transparency, and to promote a culture where the highest standards of practice are used to

ensure the safety of all individuals in the research environment. This funding opportunity is intended to encourage and enable the scientific community to develop and implement evidence-informed approaches to biomedical research training and mentoring that will effectively train future, rigorous biomedical scientists.

Programs are encouraged not to simply layer additional activities onto existing structures but to instead use creative and transformational approaches to biomedical graduate training, including curricular reform, that preserve the best elements of current programs, while enhancing the focus on the development of trainee skills.

NIGMS strives to ensure that future researchers will be drawn from the entire pool of potential contributors and seeks to support individuals at multiple training and career stages in a variety of organizations and educational settings across the country. The Overarching Objective of the NIGMS Basic Biomedical Sciences Predoctoral Research Training Grant (T32) program is to develop a pool of well-trained scientists who have the following:

- A broad understanding across biomedical disciplines.
- The skills to independently acquire the knowledge needed to advance their chosen fields and careers.
- The ability to think critically and identify important biomedical research questions and approaches that push forward the boundaries of their areas of study.
- A strong foundation in scientific reasoning, rigorous research design, experimental methods, quantitative and computational approaches, and data analysis and interpretation.
- The skills to conduct research in the safest manner possible, and a commitment to approaching and conducting biomedical research responsibly, ethically, and with integrity.
- Experience initiating, conducting, interpreting, and presenting rigorous and reproducible biomedical research with increasing self-direction.
- The ability to work effectively in teams with colleagues from a variety of scientific backgrounds, and to promote safe and supportive scientific research environments.
- The skills to teach and communicate scientific methodologies and findings to a wide variety of audiences (for example, discipline-specific, across disciplines, and for the public).
- The knowledge, professional skills and experiences required to identify and transition into careers in the biomedical research workforce (for example, the breadth of careers that sustain biomedical research in areas that are relevant to the NIH mission).

NIGMS intends to fund applications that propose feasible, rigorous, well-designed research training programs that will build on the most effective elements of successful programs, while encouraging creative and transformational approaches to biomedical research training - ranging from curricular reform to changes in the research training environment. Funded programs are expected to:

- Be well integrated within one or more graduate department(s)/program(s) and should exert a strong, positive influence at the organizational level on research training and mentoring practices.
- Have clearly defined training objectives and show evidence of meeting the objectives in progress reports and in renewal applications.
- Implement evidence-informed training and mentoring activities (for example, approaches that are grounded in the literature and evaluations of existing relevant research training programs). Programs are expected to be responsive to evaluations, particularly with respect to trainee feedback.
- Provide rigorous, well-designed mentored research experiences, and additional opportunities that will build a strong cohort of research-oriented individuals. Training grant funds may not be used solely as a vehicle to provide financial aid for trainees to conduct research.
- Demonstrate effective oversight of trainee development and promote retention for the entire time the trainee is in the graduate program. Retention efforts are activities designed to sustain the scientific interests and participation of all trainees. Retention and oversight activities might include monitoring academic and

research progress, building strong trainee cohorts, as well as increasing science identity, self-efficacy, and a sense of belonging within research training environments. Programs are expected to make efforts to identify individuals who may need additional academic and social supports to successfully complete the program, and ensure they receive the needed support.

- Promote safe and supportive research training environments to maximize success for all individuals in the training program. Specifically, funded programs should have organizational and departmental environments where all individuals are welcomed, feel integrated into, and supported by the biomedical research community. Safety in research training should encompass (1) environments free from harassment, discrimination, and intimidation, in which all are treated in a respectful and supportive manner, (2) laboratory and clinical settings where individuals exercise the highest standards of practice for chemical, biological and physical safety, and (3) practices at the organizational leadership and research community levels that demonstrate core values and behaviors to emphasize safety over competing goals.

Trainee Support. The training grant defrays the cost of stipends, tuition and fees, and training related expenses, including health insurance, for the appointed trainees in accordance with the approved NIH NRSA support levels. Students are typically provided full-time support for 1-2 years of graduate studies. Use of training grant support in the first two years of graduate research training is strongly encouraged to provide maximum benefits in participation in courses, laboratory rotations, and professional development activities.

Synergies of Federally Funded Training Programs. Funded research training programs are encouraged to complement and synergize with other ongoing federally supported predoctoral research training programs at the applicant organization (for example, in the development of skills needed for careers in the biomedical research workforce that are not discipline-specific); however, the scientific training goals must be distinct from related programs at the same organization currently receiving federal support. In cases where an organization has multiple NIGMS predoctoral training grants, it is expected that these programs will work together to create administrative and training efficiencies to reduce costs and improve trainee services and outcomes.

Applicants are strongly encouraged to read information about NIGMS predoctoral training grant programs found on the NIGMS website and to contact program staff before preparing or submitting an application to verify that the proposed program is eligible and in alignment with NIGMS funding priorities.

Link to Additional Information: <https://grants.nih.gov/grants/guide/pa-files/PAR-23-228.html>

5. Security, Privacy, and Trust in Cyberspace, NSF

Application Deadlines: September 28, 2026

Award Amount:

- **RES:** up to \$1,200,000 for durations of up to four years
- **EDU:** up to \$500,000 for durations of up to three years
- **SEED:** up to \$300,000 for durations of up to two years

The SaTC 2.0 program aims to build trust in all aspects of global cyber ecosystems. Trust can assume different meanings according to the context but, for the purposes of this solicitation, is broadly defined to include concepts covering security, privacy, and resilience of cyberspace, particularly in the face of malicious intent and specific threats. Achieving this level of confidence in cyberspace requires not only understanding the vulnerabilities in a system that could be exploited and how they can be addressed but also understanding the social and technical dimensions of trust in cyber systems, as well as educational efforts needed to increase public awareness of risks in cyberspace and to build a well-trained corps of privacy and security professionals. Examining the fundamentals of trust from these different perspectives and with strong research methodologies can lead to fundamentally new and holistic ways to design, build, and operate future trustworthy cyber systems, protect people and existing

cyberinfrastructure, and motivate and educate the professional cybersecurity workforce and the general public.

SaTC 2.0 welcomes proposals that address trust in cyberspace, broadly defined, that draw on expertise in one or more of these areas: computer and information science and engineering; education; mathematics; statistics; and social, behavioral, and economic sciences. Proposals that advance fundamental research in cybersecurity, privacy, trust, and resilience research within a single discipline are welcome, as are inter- and multi-disciplinary efforts that span multiple areas. Proposals whose security science exposes underlying principles having predictive value that extend across different security domains and are resilient against strong, adaptive attackers are preferred over those that are limited to a single platform, technology, or system, or that offer ad-hoc solutions that are not generalizable. The program especially encourages proposals with forward-looking, next-generation, clean-slate ideas that provide defenders with a distinct advantage and offer resilience against potential or unforeseen threats. Of particular interest are approaches to anticipate and mitigate risks and potential threats in new and emerging applications and technologies.

SaTC 2.0 is designed to be distinct from other NSF programs through its focus on cyberspace; its attention to trust, security, and privacy; and its integration of social, economic, and technical considerations.

The SATC 2.0 program spans the interests of NSF's Directorates for Computer and Information Science and Engineering (CISE), Mathematical and Physical Sciences (MPS), Social, Behavioral and Economic Sciences (SBE), and STEM Education (EDU). Proposals must be submitted pursuant to one of the following designations, each of which may have additional requirements:

- **RESEARCH (RES) PROJECT DESIGNATION:** This is the focus of the SaTC 2.0 research program. This designation is intended for all research projects that range from single-investigator studies and/or studies of exploratory concepts to multi-investigator integrated efforts with larger-scale activities.

All RES proposals should (a) clearly articulate the notion of trust that the research will focus on; (b) include a clear and concise description of the specific risk(s), malicious intent or applicable threat scenario or model that the proposed research addresses; (c) discuss the generalizable contributions that will be developed beyond the state of the art (theories, research methods, empirical understanding, capabilities, tools and datasets, or other contributions appropriate to the project and the intellectual communities the project speaks to); and (d) discuss evaluation, reproducibility, trade-offs, and countermeasures involved in the project as appropriate. Proposals that focus primarily on the design, development, or use of offensive techniques are out of scope, especially to the extent such work may prove harmful to the operation of existing cyber infrastructure and/or be at odds with ethical, legal, and diplomatic concerns or other applicable rules and regulations.

Broad topics of interest include computing and communication systems; foundations; human aspects; information ecosystems; and cybersecurity and artificial intelligence. Proposers should not feel obliged, however, to restrict themselves to these categories or see them as mutually exclusive; indeed, research directions that span key topics and/or probe those yet to be uncovered are especially encouraged.

- **EDUCATION (EDU) PROJECT DESIGNATION:** This is used to identify proposals focusing on education and training in cybersecurity and/or privacy. The Education (EDU) designation labels proposals that focus on cybersecurity education and workforce development in ensuring cybersecurity including security, privacy, trust, and resilience of cyberspace. The EDU project class supports the development of a robust and diverse cybersecurity workforce, as well as a cyber-aware citizenry.

SaTC 2.0 EDU seeks innovative inquiries into and the development of evidence-based and evidence-

generating approaches that will enhance cybersecurity education and workforce development at the K-12, undergraduate, graduate, and professional education levels; and/or develop cybersecurity awareness that promotes safe online behavior across all age groups. EDU proposals must directly contribute to the development of foundational cyber skills or transformation of cybersecurity education in terms of scope, mechanism, methods, tools, and engagement of diverse learners through traditional or non-traditional approaches. Competitive EDU proposals should leverage findings from basic and/or applied research in cybersecurity and student learning to propose state-of-the-art interventions in education and workforce development, emphasizing both intellectual merit and broader impacts. They should address the challenges of expanding existing educational opportunities and resources in cybersecurity and/or privacy.

EDU projects are expected to contribute to the cybersecurity and/or privacy education knowledge base by enhancing cybersecurity learning and learning environments in formal and/or informal settings, incorporating traditional and/or non-traditional methods of student learning within and across disciplines.

- **SEEDLING (SEED) PROJECT DESIGNATION:** This is intended for special topics defined by accompanying Dear Colleague Letters (DCL). The associated DCLs will solicit proposal submissions in specified topic areas within a specified time frame. Investigators seeking to submit SEED proposals in response to a DCL may be required to (a) submit concept outlines (as described in the PAPPG Chapter I.D.1) to be evaluated by the SaTC 2.0 Program and invited for proposal submission; or (b) have a specific team composition intended to foster multi- and/or interdisciplinary research. The accompanying DCLs will only solicit proposals within specified submission windows and all active DCLs will be listed on the SaTC 2.0 Program web page.

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

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/satc-20-security-privacy-trust-cyberspace/nsf25-515/solicitation>

6. MPS Chemistry Research Programs (MPS Chem), NSF

Application Deadlines: Proposals Accepted Anytime starting September 1, 2026

Award Amount: estimated program budget and average award size/duration are subject to the availability of funds

In alignment with the Administration's Fiscal Year 2028 Research and Development Priorities Budget Memorandum, the U.S. National Science Foundation Directorate for Mathematical and Physical Sciences (NSF MPS) supports multiple disciplinary research programs in chemistry that connect molecular-level understanding to advances across different domains. These programs support a large and vibrant research community engaged in foundational research in the chemical sciences. The research supported by these programs creates a strong scientific foundation for future technologies and the broad chemical industry, which is central to the U.S. economy and our daily lives.

Chemical research areas supported by these programs include, but are not limited to:

- Designing, synthesizing, and characterizing new molecules, catalysts, macromolecular assemblies, and nanostructures.
- Improving efficiency and advancing the ability to create new chemical structures, functions, and reactivities.
- Developing novel tools, instrumentation, and methodologies, including data and machine learning tools to observe, quantify, and control chemical systems.
- Advancing understanding of chemical composition, structure, dynamics, and transformation.
- Developing new theories, computational methods, models, and data analytics tools.

- Predicting and understanding complex chemical behavior that changes over a wide range of length and time scales.
- Integrating experimental research with computational approaches.
- Foundational chemistry research that directly addresses key interdisciplinary areas, such as the intersection of chemistry with biological sciences, materials, and nanoscience.

This opportunity covers proposal submissions to the following NSF MPS disciplinary chemistry research programs:

- **Chemical Catalysis:** Supports research directed towards the fundamental chemistry aspects of catalytic processes.
- **Chemical Measurement and Imaging:** Supports research and development of new measurement and chemical imaging tools that identify and quantify chemical substances, their properties and processes.
- **Chemical Mechanism, Function and Properties:** Supports research on chemical mechanism, function, and chemical structure property studies.
- **Chemical Structure and Dynamics:** Supports research on chemical structure and dynamics.
- **Chemical Synthesis:** Supports research that generates new fundamental knowledge and understanding of synthetic methodologies and the synthesis of complex chemical structures.
- **Chemical Systems and Solutions:** Supports experimental and computational research in chemistry to advance molecular-level understanding of chemical phenomena and mechanisms in complex systems and development of novel solutions to chemical problems at the system level.
- **Chemical Theory, Models and Computational Methods:** Supports the discovery and development of theoretical and computational methods or models in chemistry.
- **Chemistry of Life Processes:** Supports research in chemistry to study the molecular underpinnings of biological processes.
- **Macromolecular, Supramolecular and Nanochemistry:** Supports research to better understand the chemistry of macromolecular, supramolecular, and nanoscopic structures.

Research proposals that fit within a single program and interdisciplinary proposals spanning multiple programs are welcome. The programs support both individual researchers and small teams. Collaborations with industrial and international partners are encouraged.

Proposals should advance one or more of the following measures of success:

- Publications from research or other scholarly outputs
- Data sets established or expanded
- Invention disclosures
- New technologies or techniques established
- Undergraduates, graduates, and postdoctoral fellows supported
- Progress on measures of success must be reported in each annual report.

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

Who May Serve as PI: There are no restrictions or limits.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/mps-chem-mps-chemistry-research-programs/nsf26-519/solicitation>

7. Research Training Programs in the Education Sciences, Institute of Education Sciences / National Center for Education Research

Application Deadlines:

- **Letter of Intent:** September 3, 2026
- **Full Proposal:** October 1, 2026

Award Amount:

- **Early Career Development and Mentoring Program for Education Research:** up to \$500,000 for durations of up to four years
- **Methods Training for Education Research:** up to \$800,000 for durations of up to three years

The Institute of Education Sciences (IES) provides scientific evidence to improve education practice and policy and shares that evidence in ways that can be used by educators, parents, policymakers, researchers, and the public. Within IES, the National Center for Education Research (NCER) supports a program of field-initiated research to build knowledge and understanding of education practice and policy.

NCER training programs prepare individuals to conduct education research that advances knowledge within the field and addresses issues important to education policymakers and practitioners. NCER aims to fund rigorous research that helps solve significant education problems and that is relevant to the teaching and learning needs of the population of the United States. NCER's ability to support highquality research depends on the field's ability to train and support talented researchers, statisticians, and evaluators who bring different backgrounds, perspectives, interests, and experiences to address complex education problems. NCER also seeks to broaden the education research workforce by offering professional development and training opportunities for individuals at multiple career stages in a variety of institutions and education settings across the country.

NCER invites applications for the Research Training Programs in the Education Sciences (ALN 84.305B). For FY 2027, NCER is accepting applications under two programs:

- **Early Career Development and Mentoring Program for Education Research (Early Career)**
Provides support for an integrated research and career development plan for early career investigators at institutions of higher education or non-academic research organizations who are developing education research careers. The awards provide support for research and career development (including salary for protected time to conduct research and engage in career development activities) that includes training under the guidance of an experienced mentor or mentors. The Early Career program also offers the option for early career investigators employed by institutions of higher education not classified as R1 to request additional funding for grant administration and management.
- **Methods Training for Education Research (Methods Training)**
Funds training to help current education researchers, including state and local education agency research staff, maintain and enhance their research and analysis skills in order to conduct rigorous and relevant education research.

Link to Additional Information: <https://simpler.grants.gov/opportunity/81894eca-8b06-4001-8ae9-133ed086714f>

8. Mathematical Foundations of Artificial Intelligence, NSF

Application Deadlines: October 9, 2026

Award Amount: range from \$500k to \$1.5M for a duration of 36 months

MFAI aims to support research focused on the most challenging theoretical questions aimed at understanding the capabilities, limitations, and emerging properties of AI methods as well as the development of novel, mathematically

grounded design and analysis principles for the current and next generations of AI. PI teams should collectively possess appropriate expertise drawn from mathematics/statistics, computer science, engineering, and social and behavioral sciences, as appropriate to the project. The scientific focus must be on the mathematical and theoretical foundations, but relevance to application domains where the mathematical advances may lead to significantly new capabilities or a deeper understanding of existing empirical observations should be addressed. Collaboration between theoretical and empirical scientists is highly encouraged.

Specific research goals are:

- A fundamental mathematical understanding of the factors determining the capabilities and limitations of current and emerging AI systems, including, but not limited to, foundation models, generative models, deep learning, statistical learning, federated learning, and other evolving paradigms.
- The development of mathematically grounded design and analysis principles for the current and next generations of AI.
- Rigorous approaches for characterizing and validating machine learning algorithms and their predictions, as well as research enabling provably reliable, translational, general-purpose AI systems and algorithms.
- Encouragement of new collaborations across this interdisciplinary research community and between institutions.

Opportunities for advancing the mathematical foundations of modern AI include, but are not limited to, statistical inference and methodology, formal and symbolic logic, topology, complexity theory, algebraic geometry, representation theory, and analysis approaches such as dynamical systems, partial differential equations, mean field theory, approximation theory, and optimization theory, which, in turn, could facilitate the interpretability, transferability, generalizability, and scalability of AI.

Successful proposals will describe an actionable approach for advancing the mathematical and theoretical foundations of the current and/or next generation of artificial intelligence methodologies through targeting at least one key technical obstacle. Successful proposals will also make clear the innovative mathematical and theoretical contributions that will be addressed in the project. Proposals should clearly articulate the challenges to be addressed, the technical approaches to be taken to address these challenges, and discuss why the proposed technical approaches are viable, along with alternative approaches that might be adopted in the event of negative outcomes. Each proposal must clearly demonstrate substantial collaborative contributions from team members with complementary expertise and should highlight how the complementary expertise of the team provides a unique opportunity for progress. Each project team should also contribute to the development of the multidisciplinary research workforce that will continue to advance the field in the future. This will be through the research involvement of students, and/or postdoctoral associates from across the multi-disciplinary spectrum of relevant areas.

Who May Serve as PI: As of the date the proposal is submitted, any PI, co-PI, or senior/key personnel must hold either:

- a tenured or tenure-track position, or
- a primary, full-time, paid appointment in a research or teaching position

at a US-based campus of an organization eligible to submit to this solicitation (see above), with exceptions granted for family or medical leave, as determined by the submitting organization. Individuals with primary appointments at for-profit non-academic organizations or at overseas branch campuses of U.S. institutions of higher education are not eligible.

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

Limit on Number of Proposals per PI or co-PI: 1 A Principal Investigator (PI) or co-Principal Investigator (co-PI) can be part of no more than one proposal per deadline in response to this solicitation.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/mfai-mathematical-foundations-artificial-intelligence/nsf24-569/solicitation>

9. Engineering Research Initiation (ERI), NSF

Application Deadlines: October 9, 2026

Award Amount: up to \$200,000 for durations of up to two years

The Directorate for Engineering (ENG) supports the development of the engineering workforce versed in the forefronts of engineering research and promotes the success of new academic investigators in their careers as researchers, educators, and innovators. The goal of the ERI program is to broaden the base of scientists and engineers in academia who dedicate their careers to advancing engineering research and education in societally important fields relevant to ENG.

Program Description

The ERI program is part of the capacity-building strategy of the Directorate for Engineering to direct its investments in engineering research across the nation. This solicitation provides support for investigators who have yet to receive sufficient research funding from Federal Agencies to initiate their engineering research programs and to be in a more competitive position for future proposal submissions.

ERI provides resources to enable impactful scientific work that will improve the research and scientific training environment at the institution through the conduct of fundamental research. Research activities may include efforts that catalyze new research partnerships, disseminate results, and/or lay a foundation to support preparation for future grant competitions.

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

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/eri-engineering-research-initiation/nsf24-590/solicitation>

10. Young Investigator Program (YIP), Office of Naval Research

Application Deadlines:

- **Inquiries and Questions:** October 16, 2026
- **Full Proposal:** October 30, 2026

Award Amount: up to \$750,000 for durations of up to 36 months

The Office of Naval Research (ONR) Young Investigator Program (YIP) was established in 1985 and seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, who have received their PhD or equivalent degree on or after 01 January 2019, and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of U.S. Institutions of Higher Education (hereafter also called "universities") to the Department of the Navy's Science and Technology (S&T) research program, to support their research, and to encourage their teaching and research careers. Individuals who are holding U.S. non-profit equivalent positions are also encouraged to apply. Proposals under this NOFO must address basic or applied research areas of interest and should be highly innovative.

The goal of the ONR Young Investigator Program is for the Office of Naval Research to identify early career

scientists and engineers in academia and nonprofits who have the potential to contribute long-term to the advancement of the Department of Navy's Science and Technology program. This cohort of innovators will tackle some of the most challenging naval warfighter issues by utilizing transformative approaches and pioneering new technologies. Some of the intended purposes of the ONR YIP are:

- Ability of early faculty to obtain DoW research grant awards beyond YIP.
- Engagement of early career faculty to the Naval Research Enterprise via the Summer Faculty Research Program, Sabbatical Leave Program, Scientists to Sea, and similar outreach activities.
- Education, development, and encouragement of the next generation of scientists and engineers through knowledge transfer to undergraduate, graduate, and post-doctoral participants. And opportunities of students to participate in DON/DoW sponsored programs such as the Naval Research Enterprise Internship Program (NREIP), scholarships (e.g., Science, Mathematics, and Research for Transformation (SMART Scholarship Program), and fellowships (e.g., National Defense Science and Engineering Graduate (NDSEG Fellowship Program)).

Focus Areas (and associated Research Areas):

- Artificial Intelligence and Autonomy
- Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR) and Naval Space
- Directed Energy and Kinetic Systems
- Materials and Electronics
- Human and Biological Systems
- Manufacturing
- Naval Engineering
- Naval Aerospace
- Ocean, Atmosphere, and Space
- Power and Energy
- Undersea Systems

Upon completion of the award, individuals may apply for continued support under ONR's Long Range BAA (or other research grant opportunities). Decisions about continued funding outside the context of the YIP will be made following a review of the new proposal by the appropriate Program Officer based on the evaluation criteria outlined in the ONR Long Range BAA. Continued support is not guaranteed.

Limitations on Number of Applications: A PI may submit only one application under this solicitation. This is a single PI award. Co-PIs are not allowed. Tenured faculty are ineligible to apply. Prior ONR YIP Award recipients are ineligible to apply.

Link to Additional Information: <https://simpler.grants.gov/opportunity/19850d71-3af6-4f9f-bf6e-1ee9b1f8d8b7>

Fellowships / Scholarships

1. Postdoctoral Research Fellowships in Biology, NSF

Application Deadline: September 29, 2026

Award Budget: see program information for funding information

The Program goal is to support the use of AI in conjunction with existing biological data sources and infrastructure to make discoveries that lead to innovations that use biological knowledge to enhance the U.S. economy and the public good. Investments in these fellowship awards target the NSF priorities of artificial intelligence and biotechnology.

It is expected that most applicants will have expertise in AI or biology (some may have both) and will gain competency in both by training in a new area. Correspondingly, proposers are expected to select sponsoring scientists with complementary or dual expertise. To describe the training potential, candidates should explain how the sponsor, the proposed research environment, any co-sponsors and/or other collaborating investigators, will contribute to the specific goals of the proposed project. The fellowships will promote the development of interdisciplinary scientists empowered to apply AI to biological systems to understand how these natural systems can inform the development of technological applications. Success in this endeavor depends on deep competence in both areas.

Link to Additional Information: <https://www.nsf.gov/funding/opportunities/prfb-postdoctoral-research-fellowships-biology/nsf26-504/solicitation>

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-paas-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. Pathways to Enable Secure Open-Source Ecosystems (PESOSE), NSF
Deadline: September 1, 2026
<https://www.nsf.gov/funding/opportunities/pesose-pathways-enable-secure-open-source-ecosystems/nsf26-506/solicitation>
2. IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments, NSF
Deadline: September 8, 2026
<https://www.nsf.gov/funding/opportunities/iusepfe-red-iuseprofessional-formation-engineers-revolutionizing/nsf24-564/solicitation>
3. Fiscal Year (FY) 2027 Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program, Department of the Navy
Deadline: September 18, 2026 (White Paper); December 11 (Full Proposal)
<https://simpler.grants.gov/opportunity/c8965b4c-390b-4abc-8961-14bc48ba76a9>

4. NIAID Resource-Related Research Projects (R24 Clinical Trial Not Allowed), NIH
Deadline: September 25, 2026
<https://files.simpler.grants.gov/opportunities/0fd59028-511b-4bb2-958a-75cb11d17353/attachments/b4b7f3fd-56a9-405e-bf47-2e5c702aa353/PAR-27-083-Full-Announcement.html>
5. Biological Technologies, Defense Advanced Research Projects Agency (DARPA)
Deadline: until September 30, 2026 (Abstract); by invitation only (FP)
<https://sam.gov/opp/8d403582edfd409795560247e8d229b7/view>
6. EDU Core Research (ECR:Core), NSF
Deadline: October 1, 2026
<https://www.nsf.gov/funding/opportunities/ecrcore-edu-core-research/nsf21-588/solicitation>
7. Maximizing Investigators Research Award (MIRA) for Early-Stage Investigators (ESI) (R35 - Clinical Trial Optional), NIH
Deadline: October 2, 2026
<https://www.grants.gov/search-results-detail/360593>
8. Research Opportunities in Cancer Epidemiology Cohort Studies (U01 Clinical Trial Not Allowed), NIH
Deadline: October 5, 2026
<https://files.simpler.grants.gov/opportunities/0536c0e6-e21d-4548-8511-a293babd20b8/attachments/47e9b80e-711f-4061-8b0c-97500144d824/PAR-27-073-Full-Announcement.html>
9. Causal Hypotheses on the Oral-Systemic Health Impacts of Human Behaviors among People with Chronic Conditions (U01 Clinical Trial Not Allowed), NIH
Deadline: October 5, 2026
<https://files.simpler.grants.gov/opportunities/1e7f7ee0-15b6-4fac-a5c1-7605cc242e43/attachments/059dd144-2b6f-4fbe-b3fb-8d395d823af6/PAR-27-057-Full-Announcement.html>
10. 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>
11. 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/091b4d199d7241dbbb04b8d36eb88a16/view>
12. 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/>
13. 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>



Universidad *de Puerto Rico*

LA MEJOR EDUCACIÓN A TU ALCANCE

VICEPRESIDENCIA DE RECURSOS EXTERNOS
ADMINISTRACIÓN CENTRAL