



FISCAL YEAR 2025 CONSOLIDATED INNOVATIVE NUCLEAR RESEARCH ▶

FUNDERS

- DOD
- DOE
- NIST
- FDN
- NASA
- NIH
- NSF
- USDA

ENGINEERING NEXT-GENERATION HUMAN NERVOUS SYSTEM MICROPHYSIOLOGICAL SYSTEMS (R01/R21)

EARLY STAGE INNOVATIONS

MUREP INCLUDES

GLOBAL CENTERS

MSIs PARTNERSHIP PROG (MSIPP) CONSORTIA GRANT PROG

CHIPS MFG USA INSTITUTE COMPETITION

AIR FORCE FY 2025 YOUNG INVESTIGATOR PROGRAM (YIP)

QUANTUM INFORMATION SCI ENABLED DISCOVERY (QUANTISED 2.0)

BIL: CARBON CAPTURE TECHNOLOGY PROGRAM, FRONT-END ENGINEERING AND DESIGN FOR CARBON DIOXIDE (CO2) TRANSPORT

FY 2024 FUNDING FOR ACCELERATED, INCLUSIVE RESEARCH (FAIR)

DAHLGREN UNIVERSITY RESEARCH AND DEVELOPMENT (R&D) PROJECTS AND CAPSTONE PROJECTS

FACULTY EARLY CAREER DEVELOPMENT PROGRAM

CENTERS OF RESEARCH EXCELLENCE IN SCIENCE AND TECHNOLOGY - RESEARCH INFRASTRUCTURE FOR SCIENCE & ENGINEERING

WM KECK FDN ▶

ECOSYSTEM FOR LEADING INNOVATION IN PLASMA SCIENCE AND ENGINEERING (ECLIPSE)

FUSION INNOVATION RESEARCH ENGINE (FIRE) COLLABORATIVES

DEPARTMENT OF NAVY (DON) SCIENCE TECHNOLOGY ENGINEERING & MATHEMATICS (STEM) EDUCATION AND WORKFORCE PROGRAM

GEN-4 ENGRNG RESEARCH CENTERS (ERC) ▶

ENGINEERING INFORMATION FDN

PARTNERSHIPS FOR INNOVATION ▶

EXPERIENTIAL LEARNING FOR EMERGING & NOVEL TECHNOLOGIES

COMMUNITY INFRASTRUCTURE FOR RESEARCH IN COMP & INFO SCI & ENGINEERING (CIRC)

CISE RESEARCH INITIATION INITIATIVE

NATL CENTERS FOR BIOMEDICAL IMAGING & BIOENG (NCBIB) ▶

MULTIDISCIPLINARY RESEARCH PROGRAM OF THE UNIV RESEARCH INITIATIVE (MURI)

IUSE/PROFESSIONAL FORMATION OF ENGINEERS: REVOLUTIONIZING ENGINEERING DEPTs (IUSE/PFE: RED) ▶

LEADING ENGRNG FOR AMERICA'S PROSPERITY, HLTH, & INFRASTRUCTURE (LEAP HI)

COMPUTATIONAL & DATA-ENABLED SCI & ENGRNG ▶

BROADENING PARTICIPATION IN ENGINEERING (BPE) ▶

DARPA DSO Office-Wide BAA

FY 2024 CONTINUATION FOR OFFICE OF SCI FINANCIAL ASSISTANCE PROG

ENGINEERING DURABLE HIV VACCINE RESPONSES (ENDURE)

RESEARCH EXPERIENCES FOR TEACHERS (RET) IN ENGINEERING & COMP SCI

MATHEMATICAL FOUNDATIONS OF AI

MAJOR RESEARCH INSTRUMENTATION (MRI) ▶

PFE: RESEARCH INITIATION IN ENGINEERING FORMATION (PFE: RIEF)

EDDIE BERNICE JOHNSON INCLUDES INITIATIVE ▶

CISE CORE PROGRAMS ▶

AIR SUPERIORITY TECHNOLOGY BAA

FY24 DEPSCOR

CYBERINFRASTRUCTURE FOR SUSTAINED SCIENTIFIC INNOVATION

EPSCOR CENTERS OF RESEARCH EXCELLENCE IN SCIENCE AND TECHNOLOGY

EMERGING FRONTIERS IN RESEARCH AND INNOVATION (EFRI): BIOCOMPUTING THROUGH ENGINEERING ORGANOID INTELLIGENCE (BEGIN OI)

NRL: LONG RANGE BROAD AGENCY ANNOUNCEMENT FOR BASIC AND APPLIED SCIENTIFIC RESEARCH

AFRI COMPETITIVE GRANTS PROGRAM FOUNDATIONAL & APPLIED SCI PROGRAM ▶

ENHANCING BIOMED ENGINEERING, IMAGING, & TECHNOLOGY ACCELRTN (BEITA) AT HBCUs

JUN

JUL

AUG

SEP

OCT

LATE 2024





FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOE	<u>Fiscal Year 2025 Consolidated Innovative Nuclear Research</u>	Provides competitive R&D opportunities through the Nuclear Energy University Program (NEUP) and the Nuclear Science User Facilities (NSUF). NEUP supports university-led infrastructure and R&D projects relevant to the Office of Nuclear Energy mission. NSUF provides access to material test reactors, beamlines, and post-irradiation examination facilities to researchers from U.S. universities, industry, and national laboratories.	Jun. 5, 2024 (LOI); Jun. 26, 2024 (Pre-App); Aug. 1, 2024 (Pre-App SOW); Oct. 30, 2024 (Full App SOW); Nov. 13, 2024 (Applications)
NIH	<u>Engineering Next-Generation Human Nervous System Microphysiological Systems (R01/R21)</u>	Seeks to stimulate basic technology-focused research to develop next-generation human cell-derived microphysical systems, and related assays with improved fidelity to complex human brain, spinal cord, and/or sensory end organ circuit physiology, which will ultimately facilitate analysis of higher order functional deficits relevant to complex nervous system diseases.	Jun. 5, 2024; Oct. 5, 2024; Feb. 4, 2025
NASA	<u>Early Stage Innovations</u>	Seeks proposals to develop unique, disruptive, or transformational space technologies that have the potential to lead to dramatic improvements at the system level – performance, weight, cost, reliability, operational simplicity, or other figures of merit associated with spaceflight hardware or missions. Topic 1 – Computational Materials Engineering for Lunar Metals Welding; Topic 2 – Passive Lunar Dust Control through Advanced Materials and Surface Engineering.	Jun. 6, 2024
NASA	<u>MUREP INCLUDES</u>	Aims to broaden participation in STEM by establishing coalitions of organizations led by Minority Serving Institutions (MSIs) in the U.S. that can support broadening participation initiatives in engineering-related disciplines and fields.	Jun. 6, 2024
NSF	<u>Global Centers</u>	Supports innovative collaborative international centers for interdisciplinary use-inspired research to address global bioeconomy challenges, in partnership with funding agencies in Canada, Japan, Republic of Korea, Finland and the United Kingdom.	Jun. 11, 2024
DOE	<u>Minority Serving Institution Partnership Program (MSIPP) Consortia Grant Program (CGP)</u>	Supports consortia consisting of Minority Serving Institutions (MSIs) and Tribal Colleges and Universities (TCUs) to with a focus on building and supporting the workforce capacity of the National Nuclear Security Administration's (NNSA) Nuclear Security Enterprise (NSE) by (1) expanding scientific and technical knowledge in the areas of Advanced Manufacturing, Cybersecurity, Engineering, or Nuclear Security, (2) providing experiential learning opportunities for students in Science, Technology, Engineering, and Mathematics (STEM) related disciplines, (3) building and strengthening research and education capacities of participating institutions, and (4) promoting collaborations with the NNSA NSE.	Jun. 15, 2024; Mar. 15, 2025
DOC NIST	<u>CHIPS Manufacturing USA Institute Competition</u>	Seeks proposals from eligible applicants for activities to establish and operate a CHIPS Manufacturing USA Institute focused on digital twins with integrated physical assets and computational capabilities (digital assets) to tackle important semiconductor-industry manufacturing challenges.	Jun. 20, 2024 (Concept); Sep. 9, 2024 (Full)
DOD	<u>Air Force Fiscal Year 2025 Young Investigator Program (YIP)</u>	Supports individual early in career scientists and engineers who have received Ph.D. or equivalent degrees by 01 April 2017 or later showing exceptional ability and promise for conducting basic research.	Jun. 21, 2024
DOE	<u>Quantum Information Science Enabled Discovery (QuantISED 2.0)</u>	Aims to fund interdisciplinary applications for open scientific research on Quantum Information Science (QIS) Enabled Discovery (QuantISED) to understand how the universe works at its most fundamental level; successful applications will help define an exploratory program where innovative solutions for scientific discovery are developed and deployed to advance High Energy Physics (HEP) science drivers and contribute to QIS research and technology for public benefit.	Jul. 2, 2024 (LOI) Jul. 30, 2024 (Full)



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOE	<u>BIL: Carbon Capture Technology Program, Front-End Engineering and Design for Carbon Dioxide (CO2) Transport</u>	Supports front-end engineering and design (FEED) studies for regional CO2 transport networks to safely transport captured CO2 from key sources to centralized locations. Selected projects will focus on carbon transport costs, transport network configurations, and technical and commercial considerations that enable industrial-scale deployment of carbon capture, conversion, and storage.	Jul. 9, 2024
DOE	<u>FY 2024 Funding for Accelerated, Inclusive Research (FAIR)</u>	Focused on building research capacity at academic institutions that have been historically underrepresented in the SC portfolio.	Jul. 16, 2024 (Full)
DOD	<u>Dahlgren University Research and Development (R&D) Projects and Capstone Projects</u>	Aims to develop student interests in Naval engineering with an eye toward future employment; project supported in the areas of (1) College - University Student and Faculty Research Projects and (2) College - University Student Capstone and Senior Research Projects (DD-02)	Jul. 17, 2024
NSF	<u>Faculty Early Career Development Program</u>	Supports early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization.	Jul. 24, 2024
NSF	<u>Centers of Research Excellence in Science and Technology - Research Infrastructure for Science and Engineering</u>	Supports the expansion of research and education capabilities of minority-serving institutions to strengthen their science and engineering graduate programs and the successful production of research doctoral students.	Aug. 2, 2024
USDA	<u>Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program</u>	Flagship competitive grants program for fundamental and applied research, education, and extension projects in the food and agricultural sciences. In 2024, applications are sought in: 1. Plant health and production and plant products; 2. Animal health and production and animal products; 3. Food safety, nutrition, and health; 4. Bioenergy, natural resources, and environment; 5. Agriculture systems and technology; and 6. Agriculture economics and rural communities	Aug. 8 - Oct. 31, 2024 (Varies by Program)
NSF	<u>Innovative Technology Experiences for Students and Teachers</u>	Supports applied research and development focused on increasing preK-12 students' interest in careers in information and communication technology and STEM through technology-based learning experiences.	Aug. 9, 2024
NSF	<u>ECosystem for Leading Innovation in Plasma Science and Engineering (ECLIPSE)</u>	Supports translational research and workforce development at the interface of fundamental plasma science and technological innovation.	Aug. 13 2024 - Nov. 18, 2024
FDN	<u>W.M. Keck Foundation Research Program</u>	Funds projects in (1) medical research and (2) science and engineering, that are distinctive, question the prevailing paradigm, or break new territory in their field, including interdisciplinary projects.	Aug. 15 & Feb. 15 (Phase II); Nov. 1 & May 1 (Phase I);
DOE	<u>Fusion Innovation Research Engine (FIRE) Collaboratives</u>	Aims to create a fusion innovation ecosystem, the Fusion Innovation Research Engine (FIRE), by forming virtual, centrally managed teams called Collaboratives that have a collective goal of bridging the Fusion Energy Science (FES) program's basic science research programs and growing fusion industries, including the activities supported under the FES milestone-based fusion development program.	Aug. 27, 2024
DOD	<u>Department of Navy (DoN) Science Technology Engineering & Mathematics (STEM) Education and Workforce Program</u>	Aims to fund a broad range of proposals for augmenting existing and/or developing innovative solutions that directly maintain, and/or cultivate a diverse, world-class Science, Technology, Engineering, and Mathematics (STEM) workforce to maintain the U.S. Navy and Marine Corps' technological superiority.	Aug. 30, 2024



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
FDN	<u>Engineering Information Foundation</u>	Supports developmental and structural projects and training in engineering programs to enhance communication skills of students and recruit and retain women in engineering.	Aug 31, 2024; Feb. 8, 2025
NSF	<u>Gen-4 Engineering Research Centers (ERC)</u>	Brings technology-based industry and universities together in an effort to strengthen the competitive position of American industry in the global marketplace; aims to develop and advance engineered systems, which if successful, will have a high Societal Impact.	Sep. 3, 2024 (LOI); Sep. 30, 2024 (Pre); May 9, 2025 (Full)
NSF	<u>Partnerships for Innovation</u>	Offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit.	Sep. 3, 2024; Jan. 7, 2025; May 6, 2025
DOD	<u>Multidisciplinary Research Program of the University Research Initiative (MURI)</u>	Supports basic research in science and engineering that is of potential interest to the DoD, with a focus on multidisciplinary efforts where more than one discipline interact to provide rapid advancements.	Sep. 6, 2024 (Full Proposal)
NSF	<u>IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)</u>	Supports fundamental changes to the training of undergraduate engineering students that equip them with the technical and professional skills needed to solve complex societal problems.	Sep. 10, 2024; Apr. 8, 2025
NSF	<u>Experiential Learning for Emerging and Novel Technologies</u>	Supports inclusive experiential learning opportunities that provide cohorts of diverse learners with the skills needed to succeed in emerging technology fields.	Sep. 12, 2024
NSF	<u>Community Infrastructure for Research in Computer and Information Science and Engineering (CIRC)</u>	Supports discovery and learning in the core disciplines of the three participating CISE divisions [Computing and Communication Foundations (CCF), Computer and Network Systems (CNS), and Information and Intelligent Systems (IIS)] of the Directorate for Computer and Information Science and Engineering (CISE) by funding the creation and enhancement of world-class research infrastructure.	Sep. 13, 2024
NSF	<u>Computational and Data-Enabled Science and Engineering</u>	Aims to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data-analysis approaches and best practices.	Sep. 16 – Nov. 18, 2024 (Varies by Track)
NSF	<u>Leading Engineering for America's Prosperity, Health, and Infrastructure (LEAP HI)</u>	Challenges the engineering research community to take a leadership role in addressing demanding, urgent, and consequential challenges for advancing America's prosperity, health and infrastructure.	Sep. 16, 2024
NSF	<u>Computer and Information Science and Engineering (CISE) Research Initiation Initiative</u>	Supports early-career scientists at non-Carnegie R1 institutions in computer and information science and engineering who lack access to organizational resources, enabling them to undertake exploratory research and develop collaborations and new approaches.	Sep. 18, 2024
NSF	<u>Broadening Participation in Engineering (BPE)</u>	Funds projects that support the development of a diverse and well-prepared engineering workforce.	Sep. 18, 2024 (LOI); Nov. 20, 2024 (Full)
NIH	<u>National Centers for Biomedical Imaging and Bioengineering (NCBIB) (P41 Clinical Trials Optional)</u>	Supports accelerated development and dissemination of new biomedical technology with a nationwide impact; NCBIBs create critical and unique technologies that are at the forefront of their respective fields and enable researchers to apply these technologies to a broad range of basic, translational, and/or clinical research.	Sep. 25, Jan. 25, May 25



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOD	<u>DARPA Defense Sciences Office (DSO) Office-Wide Broad Agency Announcement (BAA)</u>	Funds high-risk, high-reward initiatives across a broad spectrum of science and engineering disciplines aligned with national defense interests; research thrusts include novel materials and structures, sensing and measurement, and computation and processing.	Rolling through Sep. 26, 2024
NIH	<u>Enhancing Biomedical Engineering, Imaging, and Technology Acceleration (BEITA) at Historically Black Colleges and Universities (HBCUs) (UG3/UH3 Clinical Trial Not Allowed)</u>	Aims to enhance bioengineering and imaging research capacity, technology innovation, education and research training, and opportunities for scientific growth at HBCUs in order to utilize the Nation's full range of talent in meeting the growing need to accelerate the development and translation of high-impact biomedical innovation and technologies.	Sep. 30, 2024
DOE	<u>FY 2024 Continuation of Solicitation for the Office of Science Financial Assistance Program</u>	Supports research in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production.	Sep. 30, 2024
NIH	<u>Engineering Durable HIV Vaccine Responses (ENDURE) (R01 Clinical Trial Not Allowed)</u>	Supports basic and applied research to understand and improve durable immune responses to candidate HIV vaccines.	Oct. 9, 2024
NSF	<u>Research Experiences for Teachers (RET) in Engineering and Computer Science</u>	Supports active long-term collaborative partnerships between K-12 teachers, full-time community college faculty, university faculty and students, and industry partners to enhance the scientific disciplinary knowledge and capacity of the STEM teachers and/or community college faculty through participation in authentic summer research experiences with engineering and computer science faculty researchers.	Oct. 9, 2024
NSF	<u>Mathematical Foundations of Artificial Intelligence</u>	Supports research collaborations between mathematicians, statisticians, computer scientists, engineers and social behavior scientists to establish innovative and principled design and analysis approaches for AI technology.	Oct. 10, 2024
NSF	<u>PFE: Research Initiation in Engineering Formation (PFE: RIEF)</u>	Aims to: 1) Support research in the Professional Formation of Engineers (PFE), and 2) Increase the community of researchers conducting PFE research.	Oct. 10, 2024
NSF	<u>Major Research Instrumentation Program</u>	Supports requests for up to \$4 million from NSF for the development or acquisition of multi-user research instruments that are critical to the advancement of science and engineering.	Oct. 15 - Nov. 15, 2024
NSF	<u>Eddie Bernice Johnson INCLUDES Initiative</u>	Seeks to improve collaborative efforts aimed at enhancing the preparation, increasing the participation, and ensuring the contributions of individuals from groups that have been historically underrepresented and underserved in the STEM enterprise such as African Americans, Alaska Natives, Hispanics, Native Americans, Native Hawaiians, Native Pacific Islanders, persons with disabilities, persons from economically disadvantaged backgrounds, and women and girls.	Oct. 24, 2024; May 13, 2025
NSF	<u>Computer and Information Science and Engineering (CISE): Core Programs</u>	Supports research and education projects that develop new knowledge in all aspects of computing, communications, and information science and engineering, as well as advanced cyberinfrastructure.	Rolling (Small Projects); Oct 23, 2024 (Medium & OAC Core Projects)
DOD	<u>Air Superiority Technology Broad Agency Announcement (BAA)</u>	Increase knowledge on long-term security needs, including munitions technology development, and research on systems engineering systems, and advanced technology.	Oct. 31, 2024 (White Paper)



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOD AFOSR	<u>FY24 Defense Established Program to Stimulate Competitive Research (DEPSCoR)</u>	For researchers in eligible states/territories, aims to (1) increase the number of university researchers capable of performing science and engineering (S&E) research responsive to the needs of the DoD; (2) enhance the capabilities of institutions to develop, plan, and execute (S&E) research that is relevant to the mission of the DoD, and competitive under the peer-review systems used for awarding Federal research assistance; (3) and increase the probability of long-term growth in the competitively awarded financial assistance that IHE in eligible States receive from the Federal Government for S&E research. Separate programs for Research Collaboration and Capacity Building	Nov. 25, 2024
NSF	<u>Cyberinfrastructure for Sustained Scientific Innovation</u>	Seeks to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in cyberinfrastructure (CI). The program continues to emphasize integrated CI services, quantitative metrics with targets for delivery and usage of these services, and community creation.	Dec. 2, 2024
NSF	<u>EPSCoR Centers of Research Excellence in Science and Technology</u>	Supports centers promoting the development of new knowledge, enhancements of the research productivity of individual faculty, and an expanded presence of students from EPSCoR jurisdictions in science, technology, engineering, and mathematics (STEM) disciplines.	Dec. 6, 2024
NSF	<u>Emerging Frontiers in Research and Innovation (EFRI): Biocomputing through EnGINeering Organoid Intelligence (BEGIN OI)</u>	Supports foundational and transformative research to advance the design, engineering and fabrication of organoid systems that are capable of processing information dynamically while interfacing with non-living systems.	Dec. 12, 2024
DOD	<u>NRL: Long Range Broad Agency Announcement for Basic and Applied Scientific Research</u>	Conduct basic and applied research for the Navy across several disciplines to advance technological development, including the application of new and improved materials, techniques, equipment, systems and related technology within The Systems Directorate, Material Science and Component Technology Directorate, Ocean and Atmospheric Science and Technology Directorate, and Naval Center for Space and Technology.	Dec. 31, 2024
NSF	<u>Engineering Research Initiation (ERI)</u>	Supports new investigators as they initiate their research programs and advance in their careers as researchers, educators, and innovators.	*2024 TBD (Solicitation Mid-June)
NIH	<u>Enhancing Science, Technology, Engineering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25 Clinical Trial Not Allowed)</u>	Seeks to enhance bioengineering and imaging research capacity, technology innovation, education and research training, and opportunities for scientific growth at HBCUs in order to utilize the Nation's full range of talent in meeting the growing need to accelerate the development and translation of high-impact biomedical innovation and technologies.	Jan. 17, 2025
NIH	<u>Team-Based Design in Biomedical Engineering Education (R25 Clinical Trial Not Allowed)</u>	Supports programs that include innovative approaches to enhance biomedical engineering (BME) design education to ensure a future workforce that can meet the nation's needs in biomedical research and healthcare technologies.	Jan. 29, 2025
NSF	<u>Focus on Recruiting Emerging Climate and Adaptation Scientists and Transformers (FORECAST)</u>	Supports education and capacity building at emerging research institutions that will prepare students to conduct community and partner-engaged science to benefit society.	Jan. 29, 2025; Apr. 30, 2025



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	<u>Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems</u>	Supports fundamental research activities that confront vexing environmental engineering and sustainability problems by developing foundational knowledge underlying processes and mechanisms such that the design of innovative new materials, processes, and systems is possible; projects should be compelling and reflect sustained, coordinated efforts from highly interdisciplinary research teams.	Jan. 31, 2025
NSF	<u>Computer and Information Science and Engineering Minority-Serving Institutions Research Expansion Program (CISE-MSI)</u>	Seeks to broaden participation by increasing the number of CISE-funded research projects from MSIs and to develop research capacity toward successful submissions to core CISE programs. (Feb. 10, 2023)	Feb. 7, 2025
NSF	<u>Computer and Information Science and Engineering Research Expansion Program (CISE MSI)</u>	Supports research capacity, project planning and partnership building at minority-serving institutions to broaden participation in computer and information science and engineering.	Feb. 7, 2025
NSF	<u>Civic Innovation Challenge</u>	Supports planning and implementation of community-university partnerships for significant near-term impacts in one of two focus areas: building climate-resilient communities and bridging the gap between essential resources and services and community needs; projects should be rooted in maturing and transitioning state-of-the-art research in computer science, engineering, geosciences, biological sciences, and social sciences.	Feb. 10, 2025
NSF	<u>Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)</u>	Seeks to enable low-income, talented domestic students to pursue successful careers in promising STEM fields.	Mar. 4, 2025; March 3, 2026
NSF	<u>Expeditions in Computing</u>	Supports long-term, multi-institutional research with the potential to transform computer and information science and engineering.	Mar. 31, 2025
DOD	<u>National Defense Education Program (NDEP) STEM Open NFO</u>	Seeks innovative applications on mechanisms to implement and research the effectiveness of STEM education, outreach, and/or workforce initiative programs.	Rolling
NSF	<u>Research in the Formation of Engineers (RFE)</u>	Aims to advance understanding on the professional formation of engineers through engineering education and formation research in a variety of settings and at any education level.	Rolling (Full Proposal)
DOD	<u>ERDC Broad Agency Announcement</u>	Supports research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes.	Rolling (Until Superseded by New BAA)
DOD	<u>Science, Technology, Engineering, and Mathematics (STEM) National Defense Education Program (NDEP)</u>	Seeks innovative applications on mechanisms to implement and research the effectiveness of STEM education, outreach, and/or workforce initiative programs, here onto referred as STEM activities.	Rolling through Feb. 8, 2028



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOD	<p><u>Future Scholars for Science, Technology, Engineering, and Mathematics (STEM) Workforce Development Programs</u></p>	<p>Supports STEM Workforce Development programs or projects that align with the Federal STEM Strategy and the DoD STEM Mission. This announcement encourages programs or projects that improve the capacity of education systems and communities to create impactful STEM educational experiences for students and teachers, and prepare the 21st century STEM workforce. AFRL's Workforce Development programs or projects include, but are not limited to: Internships (High School through Doctoral); Fellowship Apprentice/Residency Programs; College or University project-based learning programs; Formal or informal workforce development programs or projects that align with the Federal STEM Strategy and DOD STEM Mission</p>	<p>Rolling through Jun. 17, 2025</p>
DOC NIST	<p><u>Measurement Science and Engineering (MSE) Research Grant Programs</u></p>	<p>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: Advanced Network Technologies, Applied and Computational Mathematics, Artificial Intelligence, Big Data, Biometrics, Cloud Computing, Cyber-Physical Systems, Cybersecurity, Forensic Science, Health Information Technology, Human Factors and Usability, Information Access, Information Processing and Understanding, Internet of Things (IoT), Metrology Infrastructure for Modeling and Simulation, Privacy Engineering, and Statistics for Metrology.</p>	<p>Rolling through Mar. 5, 2026</p>



ABOUT HANOVER GRANTS

Hanover provides research development, grant writing, and strategic advising support to a wide range of colleges and universities. Our professionals deliver customized proposal review, revision, and production support, while also helping to align strategic priorities to funding trends and opportunities at all levels.

OUR SOLUTIONS

CAPACITY DEVELOPMENT



- Grants Training
- Benchmarking & Best Practices
- Grantseeking Strategy

FUNDING RESEARCH



- Funding Opportunity Analysis
- Prospect Research
- Funding Calendar

PRE-PROPOSAL ACTIVITIES



- Faculty Consult
- Outreach Strategy
- Concept Paper Development

PROPOSAL SUPPORT



- Proposal Review
- Proposal Revision
- Proposal Research
- Proposal Support

PROPOSAL DEVELOPMENT



- LOI/Pre-Proposal Production
- Proposal Production (Foundation)
- Proposal Production (Federal)



Please contact us at info@hanoverresearch.com to learn more.