GRANTS CALENDAR
STEM RESEARCH

FUNDERS
- NSF
- DOC
- DOE
- FDN
- USDA
- NASA
- DOD

DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT

Calendar entries:

- MAJ RSRCH INSTRUM
- NOAA BAA
- CISE-MSI PROG
- RSRCH, DEV, & DEMONSTRATION FOA
- SLOAN FDN
- AI & MACHINE LEARNING FOR AUTONOMOUS OPTMZTN & CTRL
- ATMOSPHERIC SYS RSRCH
- NIST MEASUREMENT SCIENCE AND ENGINEERING
- WINDOWS ON THE UNIVERSE: ERA OF MULTI-MESSENGER ASTROPHYSICS
- PARTNERSHIPS IN ASTRONOMY & ASTROPHYSICS RSRCH & ED
- EARLY CAREER RSRCH PROG
- RESEARCH INTERESTS OF THE AFOSR
- CHEMISTRY
- INDSTRY-UNIVRSTY COOP RSRCH CENTERS
- DARPA YOUNG FACULTY AWARD
- CISE RSRCH INITIATION INITIATIVE
- DEVCOM ARL BAA FOR FOUNDTNL RESEARCH
- CISE COMMNTY RSRCH INFRA-STRUCTURE
- ONR HBCU/MI PROG
- RESEARCH & MENTORING FOR POSTBACCs IN BIOLOGICAL SCI
- NRL LONG RANGE BAA FOR BASIC & APPLIED RSRCH
- PHYSICS FRONTIERS CENTERS
- DEPSCOR
- EXPANDING CPCITY IN QUANTUM INFO SCI & ENGINRNG
- DARPA REDEFINING POSSIBLE
- DISCOVERY RSRCH PREK-12
- RESEARCH OPPs IN HIGH ENERGY PHYSICS
- BIO INTEGRATION INSTITUTES
- AMC HBCU/MI PROG
- W.M. KECK FDN
- INNOVATION CORPS TEAMS
- *AGRICULTURE & FOOD RESEARCH INITIATIVE (AFRI)
- CYBER-PHYSICAL SYSTEMS
- PARTNERSHIPS FOR INNOVATION
- CONSOL INNOV NUCLEAR RSRCH
- JOHN TEMPLETON FDN
- ONR LONG RANGE BAA FOR NAVY & MARINE CORPS SCI & TECH
- PHYSICS
- ENVIR SYS RSRCH
- ARI FOR BEHVRL & SOC SCI BAA FOR BASIC SCI RSRCH
- MATERIALS RESEARCH
- CAREER
- CREST AND HBCU RISE
- ERDC
- RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCE (ROSES)
- DARPA DEFENSE SCIENCES OFFICE OFFICE-WIDE

FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NASA	**Research Opportunities in Space and Earth Science (ROSES) 2022**	Funds basic and applied research in support of NASA's Science Mission Directorate (SMD); encourages the participation of the space and Earth science communities in SMD's research and technology programs.	Dec. 1, 2022 - May 12, 2023 (Varies by Program)
NSF	**Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (HBCU-RISE)**	Provides support to enhance the research capabilities of MSIs through the establishment of centers that effectively integrate education and research.	Dec. 2, 2022 - Feb. 9, 2023 (Varies by track)
NSF	**Division of Physics**	Supports physics research and the preparation of future scientists in the nation's colleges and universities across a broad range of physics disciplines that span scales of space and time from the largest to the smallest and the oldest to the youngest.	Dec. 6 - Dec. 13, 2022 (Varies by track)
NSF	**Windows on the Universe: The Era of Multi-Messenger Astrophysics**	Seeks to build the capabilities and accelerate the synergy and interoperability of the three messengers to realize integrated, multi-messenger astrophysical explorations of the Universe.	Dec. 6 - Dec. 13, 2022; Oct. 2, 2023
NSF	**Industry-University Cooperative Research Centers**	Catalyzes breakthrough research by enabling close and sustained engagement between industry innovators, world-class academic teams, and government agencies.	Dec. 14, 2022 (Full); Sep. 13, 2023 (Pre); Dec. 13, 2023
DOD	**ONR Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program**	Strengthens capabilities of the institutions to conduct basic and applied research, and increases the quality and quantity of science, technology, engineering and mathematics (STEM) programs with a focus on minority researchers and graduates.	Dec. 14, 2022
DOE	**FY 2023 Research Opportunities in High Energy Physics**	Supports research to understand how the universe works at its most fundamental level, which is done by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time.	Dec. 21, 2022
NSF	**Cyber-Physical Systems**	Aims to develop the core research needed to engineer complex Cyber-Physical Systems, some of which may also require dependable, high-confidence, or provable behaviors.	Dec. 30, 2022 (Small and Medium)
DOE	**Artificial Intelligence and Machine Learning for Autonomous Optimization and Control of Accelerators and Detectors**	Supports research and development (R&D) efforts directed at artificial intelligence (AI) and machine learning (ML) for autonomous optimization and control of accelerators and detectors of relevance to current or next generation Nuclear Physics accelerator facilities and scientific instrumentation.	Jan. 11, 2023
NSF	**Partnerships for Innovation (PFI)**	Provides 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.	Jan. 11, 2023; Jul. 12, 2023
NSF	**Physics Frontiers Centers**	Supports university-based centers and institutes where the collective efforts of a larger group of individuals can enable transformational advances in the most promising research areas.	Jan. 27, 2023 (Full)

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NSF	**Frontier Research in Earth Sciences**	Supports research in Earth systems from the core through the critical zone; projects may focus on all or part of the surface, continental lithospheric, and deeper Earth systems over the entire range of temporal and spatial scales.	Feb. 1, 2023
DOE	**Consolidated Innovative Nuclear Research**	Supports research efforts relating to: (1) Enhancing the long-term viability and competitiveness of the existing U.S. reactor fleet; (2) Developing an advanced reactor pipeline; and, (3) Implementing and maintaining the national strategic fuel cycle and supply chain infrastructure.	Feb. 8, 2023
NSF	**Computer and Information Science and Engineering Minority-Serving Institutions Research Expansion Program (CISE-MSI Program)**	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
NSF	**Partnerships in Astronomy & Astrophysics Research and Education (PAARE)**	Supports partnerships between institutions that provide pathways into research and broaden the participation of individuals from groups underrepresented in astronomy.	Feb. 15, 2023
NSF	**Research and Mentoring for Postbaccalaureates in Biological Sciences (RaMP)**	Supports networks that provide full-time research, mentoring and training for recent graduates who lacked biological research or training opportunities during college.	Feb. 16, 2023
DOD	**DARPA Young Faculty Award (YFA)**	Aims to identify and engage rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to DOD needs and DARPA's mission to create and prevent technological surprise.	Feb. 21, 2023
DOD	**Defense Established Program to Stimulate Competitive Research (DEPSCoR)**	Aims to increase the number of university researchers and improve the capabilities of institutions of higher education in eligible jurisdictions to perform competitive basic research in science & engineering relevant to the DoD mission and reflect national security priorities; separate competitions for Capacity Building and Research Collaboration.	Feb. 21, 2023
NSF	**Biology Integration Institutes (BII)**	Supports diverse, collaborative teams that perform research, education and training on critical questions that span multiple disciplines within and beyond biology.	Feb. 21, 2023
NSF	**Major Research Instrumentation (MRI)**	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.	Feb. 21, 2023
DOE	**Atmospheric System Research (ASR)**	Supports research on key cloud, aerosol, precipitation, and radiative transfer processes that affect the Earth's radiative balance and hydrological cycle, especially processes that limit the predictive ability of regional and global models.	Feb. 23, 2023
DOE	**Environmental System Science**	Aims to advance an integrated, robust, and scale-aware predictive understanding of terrestrial systems and their interdependent microbial, biogeochemical, ecological, hydrological, and physical processes.	Feb. 23, 2023

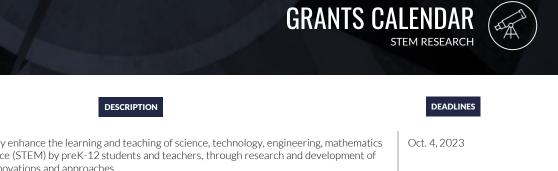| FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOD	**2021 Engineer Research and Development Center (ERDC) BAA**	Supports research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle 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 through Feb. 28, 2023
NSF	**Expanding Capacity in Quantum Information Science and Engineering**	Aims to increase research capacity and broaden participation in Quantum Information Science and Engineering (QISE) and related disciplines through the creation of a diversified investment portfolio in research and education that will lead to scientific and engineering breakthroughs, while securing a talent pipeline in a field where workforce needs of industry, government and academia continue to outgrow the available talent.	Mar. 3, 2023
DOE	**Early Career Research Program**	Supports the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the Office of Science.	Mar. 23, 2023
DOE	**Research , Development, & Demonstration Funding Opportunity Announcement (FY 2022)**	Aims to advance cybersecurity tools and technologies specifically designed to reduce cyber risks to energy delivery infrastructure, leading to next generation tools and technologies not available today that will become widely adopted throughout the energy sector to reduce a cyber incident disruption to energy delivery.	Apr. 14, 2023
DOD	**Army Research Institute for the Behavioral & Social Sciences BAA for Basic Scientific Research, Foundational Science Research Unit**	Supports basic research areas of interest to the United States Army Research Institute for the Behavioral and Social Sciences.	Apr. 29, 2023
FDN	**WM Keck Foundation**	Seeks to benefit humanity by supporting Medical Research and Science & Engineering projects that are distinctive and novel in their approach, question the prevailing paradigm, or have the potential to break open new territory in their field.	May 1 or Nov. 1 (Phase 1); Feb. 15 or Aug. 15 (Phase 2)
DOD	**DARPA Office-Wide BAAs**	Each DARPA technical office maintains an "office-wide" BAA that offers a mechanism for researchers to reach DARPA with an idea that may fall outside of current priorities, but that the proposer feels could be valuable to national security. Seperate deadlines are in place for the offices of: Biological Technologies; Defense Sciences; Information Innovation; Microsystems Technology; Strategic Technology; and Tactical Technology.	Jun. 14. 2023 - Apr. 30, 2024 (Varies by Office)
DOD	**DARPA Redefining Possible**	Supports applied research, advanced technology development, platform demonstrations, or systems studies that aim to redefine the future of warfighting across four domains: Air, Ground, Maritime, and Space.	Jun. 21, 2023
NSF	**CISE Community Research Infrastructure**	Provides funding for the creation and enhancement of world-class research infrastructure, specifically to support diverse communities of CISE researchers pursuing focused research agendas in computer and information science and engineering.	Jun. 21, 2023

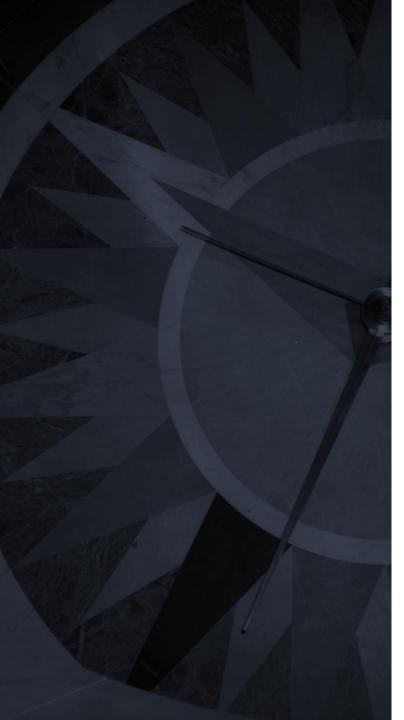| FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	**Faculty Early Career Development Program (CAREER)**	Provides stable support at a sufficient level and duration to enable awardees to develop careers as researchers and educators.	Jul. 26, 2023
FDN	**John Templeton Foundation**	Funds ground-breaking research in the Life Sciences, Mathematical & Physical Sciences, Human Sciences, and other areas.	Aug. 18, 2023 (OFI); Jan. 19, 2024 (Full)
DOD	**AMC Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)**	Supports basic research in the physical, engineering, environmental, life sciences, and information sciences related to long-term national security needs; focused on enhancing the ability institutions to develop stronger science and engineering programs that will enable competitiveness in a variety of defense research programs, attract and retain good students by exposing them to state-of-the-art research, and encourage them to pursue careers in STEM disciplines.	*Aug. 2023 (Last: Aug. 12, 2022)
USDA	**NIFA Agriculture and Food Research Initiative (AFRI)**	The nation's leading competitive grants program for agricultural sciences; supports research, education and extension activities in six Farm Bill priority areas: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities.	*Summer-Fall 2023 (Varies by track)
NSF + NIH	**Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences**	Supports fundamental research in mathematics and statistics necessary to answer questions in the biological and biomedical sciences.	Sep. 1 - Sep. 18, 2023
NSF	**Computer and Information Science and Engineering (CISE): Research Initiation Initiative**	Seeks to award grants intended to support research independence among early-career academicians who specifically lack access to adequate organizational or other resources.	Sep. 18, 2023
DOD	**NRL Long Range BAA for Basic and Applied Research**	Funds Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations.	Sep. 29, 2023
NSF	**Division of Chemistry: Disciplinary Research Programs (CHE-DRP)**	Applies to nine CHE Disciplinary Chemistry Research Programs: Chemical Catalysis (CAT); Chemical Measurement and Imaging (CMI); Chemical Structure, Dynamics and Mechanisms-A (CSDM-A); Chemical Structure Dynamics and Mechanisms-B (CSDM-B); Chemical Synthesis (SYN); Chemical Theory, Models and Computational Methods (CTMC); Chemistry of Life Processes (CLP); Environmental Chemical Sciences (ECS); and Macromolecular, Supramolecular and Nanochemistry (MSN).	Sep. 30 & Oct. 31, 2023
DOE	**Continuation of Solicitation for the Office of Science Financial Assistance Program**	Funds all DOE focus areas, including energy science, computing research, biology, physics, etc.	Sep. 30, 2023
DOD	**ONR Long Range BAA for Navy and Marine Corps Science and Technology**	Funds Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations.	Oct. 2, 2023

FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	**Discovery Research PreK-12**	Seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics and computer science (STEM) by preK-12 students and teachers, through research and development of STEM education innovations and approaches.	Oct. 4, 2023
NSF	**Astronomy and Astrophysics Research Grants**	Provides research grants for observational, theoretical, laboratory, and archival data studies in astronomy and astrophysics.	Nov. 15, 2023
DOC	**NIST Measurement Science and Engineering Research Grants Programs**	Supports large-scale research in engineering, information technology, materials science, physics, and related areas.	Rolling
DOD	**Research Interests of the Air Force Office of Scientific Research**	Funds defense-relevant research for engineering, information sciences, biology, and physics.	Rolling
NSF	**Division of Materials Research: Topical Materials Research Programs**	Supports research on advancing the fundamental understanding of materials, materials discovery, design, synthesis, characterization, properties, and materials-related phenomena.	Rolling
NSF	**Innovation Corps Teams Program**	Seeks to further develop and nurture a national innovation ecosystem that guides the output of scientific discoveries closer to the development of technologies, products, and services that benefit society.	Rolling
FDN	**Alfred P. Sloan Foundation**	Supports research under the following programs: (1) Economic Institutions, Behavior, & Performance; (2) Energy and Environment; (3) Matter-to-Life; (4) Sloan Digital Sky Survey; and (5) Tabletop Particle Physics.	Rolling (LOI)
DOE	**Energy Frontier Research Centers**	Seeks to accelerate the scientific breakthroughs needed to build a twenty-first-century energy economy and strengthen U.S. economic leadership and energy security.	*Spring 2024 (Last: May 16, 2022)
DOD	**Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MSI)**	Supports research and education programs at HBCUs and MSIs that enhance research and engineering capabilities in areas important to national defense.	Rolling through Apr. 2024
DOC	**NOAA Broad Agency Announcement**	Supports research, education, and outreach, innovative projects, or sponsorships that are not addressed through NOAA's competitive discretionary programs. Priorities include: (1) Climate Adaptation and Mitigation; (2) Weather-Ready Nation; (3) Healthy Oceans; and (4) Resilient Coastal Communities and Economies.	Rolling through Sep. 30, 2024
DOD	**DEVCOM ARL BAA for Foundational Research**	Funds research proposals that can be shown to enable the future Army to deploy, fight, and win decisively against any adversary, anytime, and anywhere, in a joint, multidomain, high-intensity conflict, while simultaneously deterring others and maintaining its ability to conduct irregular warfare.	Rolling through Nov. 20. 2027

ABOUT HANOVER

ABOUT HANOVER GRANTS

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