





FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	Racial Equity in STEM Education (EHR Racial Equity)	Aims to (1) substantively contribute to institutionalizing effective research-based practices, policies, and outcomes in STEM environments for those who experience inequities caused by systemic racism and the broader community; (2) advance scholarship and promote racial equity in STEM in ways that expand the array of epistemologies, perspectives, ideas, theoretical and methodological approaches that NSF funds; and (3) further diversify project leadership (PIs and co-PIs) and institutions funded by NSF.	Oct. 10, 2023; Oct. 8, 2024; Oct. 14, 2025
NSF	Research Experiences for Teachers (RET) in Engineering and Computer Science	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. 11, 2023; Oct. 9, 2024
NSF	Louis Stokes Alliances for Minority Participation (LSAMP)	Assists universities and colleges in diversifying the nation's STEM workforce by increasing the number of STEM baccalaureate and graduate degrees awarded to populations historically underrepresented in these disciplines.	Nov. 3 & Nov. 17 2023 (Varies by Track)
NSF	Discovery Research PreK-12 (DRK-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.	Nov. 8, 2023
NSF	Centers of Research Excellence in Science and Technology HBCU Research Infrastructure for Science and Engineering	Provides support to enhance the research capabilities of minority-serving institutions (MSI) through the establishment of centers that effectively integrate education and research.	Dec. 1, 2023; Dec. 6, 2024
USDA	AFRI Education and Workforce Development	Focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences.	Dec. 7, 2023
NSF	IUSE: Innovation in Two-Year College STEM Education (ITYC)	Aims to (1) center students in the effort to advance innovation, promote equitable outcomes and broaden participation for all students in STEM education at two-year colleges, and (2) enhance the capacity of two-year colleges to harness the talent and potential of their diverse student and faculty population through innovative disciplinary, multi-department, and college-wide efforts.	Dec. 13, 2023
DOD	Department of the Navy (DoN) Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program	Aims to increase the quantity and quality of minority professionals in science, technology, engineering, and mathematics (STEM) in the defense community.	Dec. 15, 2023



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NSF	Advancing Informal STEM Learning (AISL)	Supports research on the design, development and impact of STEM learning opportunities and experiences for the public in informal educational environments.	Jan. 10, 2024
NSF	Improving Undergraduate STEM Education: Directorate for STEM Education	Supports projects to improve STEM teaching and learning for undergraduate students, including studying what works and for whom and how to transform institutions to adopt successful practices in STEM education.	Jan. 17, 2024; Jul. 17, 2024
NSF	Improving Undergraduate STEM Education: Hispanic-Serving Institutions (HSI Program)	Seeks to enhance the quality of undergraduate STEM education at HSIs and to increase retention and graduation rates of undergraduate students pursuing degrees in STEM at HSIs.	Feb. 14, 2024; Aug. 28, 2024
NSF	Scholarships in STEM (S-STEM)	Seeks to enable low-income students with academic ability, talent or potential to pursue successful careers in promising STEM fields.	Feb. 20, 2024
NSF	EHR Core Research (ECR): Building Capacity in STEM Education Research	Supports activities that enable early and mid-career researchers to acquire the requisite expertise and skills to conduct rigorous fundamental research in STEM education. ECR: BCSER seeks to fund research career development activities on topics that are relevant to qualitative and quantitative research methods and design, including the collection and analysis of new qualitative or quantitative data, secondary analyses using extant datasets, or meta-analyses.	Feb. 23, 2024
NSF	Pathways into the Earth, Ocean, Polar and Atmospheric & Geospace Sciences (GEOPaths)	Invites proposals that specifically address the current needs and opportunities related to education, learning, training and professional development within the geosciences community through the formation of STEM Learning Ecosystems that engage students in the study of the Earth, its oceans, polar regions and atmosphere.	Feb. 23, 2024
DOE	Minority Serving Institutions Partnership Program (MSIPP) and Tribal Education Partnership Program (TEPP)	Aims to create and foster a sustainable STEM-pipeline that prepares a diverse workforce of world class talent through strategic partnerships between Minority Serving Institutions, TCUs and the DOE/NNSA Enterprise.	*Early 2024 TBD (Last: Feb. 17, 2023)
NSF	Innovations in Graduate Education (IGE) Program	Designed to encourage the development and implementation of bold, new, and potentially transformative approaches to STEM graduate education training.	Mar. 25, 2024
NSF	Historically Black Colleges and Universities - Undergraduate Program (HBCU-UP)	Awards to strengthen STEM undergraduate education and research at HBCUs. Project tracks include: Targeted Infusion Projects (TIP), Broadening Participation Research (BPR) in STEM Education projects, Research Initiation Awards (RIA), Implementation Projects (IMP), and Broadening Participation Research Centers (BPRC).	Mar. 26, 2024 (Pre.); Jul. 23, 2024 (LOI); Oct. 1, 2024 (Full) (varies by track)
NSF	Alliances for Graduate Education and the Professoriate (AGEP)	Seeks to increase the number of historically underrepresented minority faculty in STEM. Tracks include: AGEP Institutional Transformation Alliance (ITA), AGEP Faculty Career Pathways Alliance Model (FC-PAM), and AGEP Catalyst Alliance (ACA).	Mar. 26, 2024; Aug. 20, 2024; Aug. 30, 2024 (varies by track)



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USDA	Hispanic-Serving Institutions Education Grants Program	Aims to promote and strengthen the ability of Hispanic-Serving Institutions to carry out higher education programs in the food and agricultural sciences.	*Mar. 2024 (Last: Mar. 31, 2023)
DOD	ONR Science, Technology, Engineering, and Mathematics (STEM) Program	Seeks a broad range of applications 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.	Apr. 2, 2024
NSF	ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions	Seeks to support equity and inclusion and to mitigate the systemic factors that create inequities in the academic STEM profession and workplaces.	Apr. 25, 2024 (Pre); Nov. 6, 2024 (Full); Oct. 2, 2024 (Full) - varies by track
DOD	Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MSI)	Supports research and education programs that will: a. Enhance research and engineering capabilities in areas important to national defense; b. Increase the number of graduates in STEM disciplines; and c. Encourage research and education collaborations with other institutions of higher education and with defense organizations.	Rolling through Apr. 30, 2024
USDA	Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program	Seeks to: (a) promote and strengthen secondary education and two-year postsecondary education in the food and agriculture sciences in order to help ensure the existence of a workforce in the United States that's qualified to serve the food and agriculture sciences system; and (b) promote complementary and synergistic linkages among secondary, two-year postsecondary, and higher education programs in the food and agriculture sciences in order to advance excellence in education and encourage more young Americans to pursue and complete a baccalaureate or higher degree in the food and agriculture sciences.	*Spring 2024 (Last: Apr. 5, 2023)
DOD	AFOSR FY 2023 Science, Technology, Engineering and Mathematics (STEM) Program	Seeks a broad range of applications 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. Air Force and Space Force's technological superiority.	*Spring 2024 (Last: April 14, 2023)
USDA	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program (WAMS)	Supports women and underrepresented minorities from rural areas in STEM and food/agricultural science programming and research.	*Spring 2024 (Last: Apr. 19, 2023)
NSF	Ideas Lab: Personalized Engineering Learning	Seeks to extend engineering education research to enable advanced personalization in pedagogy and assessment in a K-12 or higher education context, within the following broad areas: personalized engineering education, multimodal sensing for personalized learning systems and team-based personalized learning.	May 8, 2024
NSF	Enabling Partnerships to Increase Innovation Capacity (EPIIC)	Supports the growth of inclusive innovation ecosystems through capacity-building efforts at institutions of higher education with limited research capacity – preparing these institutions to participate in NSF Regional Innovation Engines at a future time.	May 16, 2024



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NSF	IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)	Supports radical changes to the training of undergraduate engineering students to help them establish identities as professional engineers with the technical and professional skills needed to solve the complex problems facing society.	*May 2024 (Last: May 10, 2023)
NIH	NIA MSTEM: Advancing Diversity in Aging Research through Undergraduate Education (R25 - Independent Clinical Trial Not Allowed)	Supports creative educational activities with a primary focus on providing hands-on exposure to research in the MSTEM fields as they relate to aging, to reinforce their intent to graduate with a science degree, and/or to prepare them for graduate school admissions and/or careers in research, where appropriate, to the interests and abilities of the students.	*Spring 2024 (Last: May 25, 2023)
ED	Minority Science and Engineering Improvement Program	Supports projects seeking to improve science and engineering education at predominantly minority institutions of higher education and to increase the participation of underrepresented ethnic minorities, particularly minority women, in scientific and technological careers.	*Spring 2024 (Last: May 30, 2023)
FDN	Alfred P. Sloan Foundation	Higher Education program focused on creating diverse, equitable, and inclusive pathways to and through STEM graduate education and the professoriate.	TBD (Last: May 5, 2023)
NIH	Science Education Partnership Award (SEPA) (R25)	Supports educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs.	Jun. 7, 2024; Jun. 6, 2025
NSF	CyberCorps(R) Scholarship for Service (SFS)	Aims to increase the quantity of new entrants to the government cyber workforce, to increase the national capacity for the education of cybersecurity professionals, to Seek to increase national research and development capabilities in critical information infrastructure protection, and to strengthen partnerships between institutions of higher education and relevant employment sectors.	Jul. 15, 2024
NSF	Innovative Technology Experiences for Students and Teachers (ITEST)	An applied research and development (R&D) program providing direct student learning opportunities in pre-kindergarten through high school (PreK-12).	Aug. 9, 2024
NSF	Research Experiences for Undergraduates (REU)	Supports active research participation by undergraduate students in NSF research areas.	Aug. 21, 2024
NSF	Robert Noyce Teacher Scholarship Program	Seeks to encourage talented STEM majors and professionals to become K-12 mathematics and science teachers.	Aug. 27, 2024
NSF	NSF Research Traineeship (NRT)	Supports the development and implementation of bold, new, and potentially transformative models for STEM graduate education training.	Sep. 6, 2024
NSF	Experiential Learning for Emerging and Novel Technologies (ExLENT)	Supports inclusive experiential learning opportunities that provide cohorts of diverse learners with the skills needed to succeed in emerging technology fields.	Sep. 12, 2024



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DOD	FY23 Dept of Navy (DoN) Science Technology Engineering & Mathematics (STEM) Education and Workforce Program	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.	*Fall 2024 (Last: Sep. 1, 2023)
NSF	International Research Experiences for Students (IRES)	Supports international research and research-related activities for U.S. science and engineering students.	*TBD (Last: Sep. 26, 2023)
FDN	Amgen Foundation	Seeks to advance excellence in science education to inspire the next generation of innovators, and invest in strengthening communities where Amgen staff members live and work. (Limited Geographic Scope)	Rolling
NSF	Facilitating Research at Primarily Undergraduate Institutions (RUI)	Supports faculty in STEM research, builds institutional research capacity, and supports the integration of research and undergraduate education.	Rolling
FDN	Howard Hughes Medical Institute	HHMI's Science Education Alliance (SEA) supports a community of faculty members and institutions who embed research as a fundamental component of early undergraduate science curricula.	Rolling
FDN	Lockheed Martin Corporation	Future STEM Workforce program seeks higher availability of STEM qualified, digital-ready workforce from more diverse backgrounds and grounded in ethics; focused on Career Readiness and Career Access.	Rolling
DOD	Science, Technology, Engineering, and Mathematics (STEM) National Defense Education Program (NDEP)	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
DOD	Future Scholars for Science, Technology, Engineering, and Mathematics (STEM) Workforce Development Programs	Supports STEM Workforce Development programs or projects that align with the Federal STEM Strategy and the DoD STEM Mission; 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.	Rolling through Jun. 17, 2025
DOE	University Nuclear Leadership Program- Scholarship and Fellowship Support	Aims to provide scholarship and fellowship funding to two-, four-year, and graduate programs in science and engineering disciplines related to nuclear energy.	Rolling through Oct. 14, 2030



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