





FUNDER	PROGRAM	DESCRIPTION	DEADLINES
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).	Oct. 4 - Nov. 22, 2022 (Full); Jul. 25 - Sep. 12, 2023 (LOI)
NSF	Discovery Research K-12 program	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. 5, 2023
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.	Oct. 6 - Nov. 2, 2022 (Full, Varies by Track); Apr. 27, 2023 (Pre); Aug. 4, 2023 (Full); Aug. 7, 2023 (LOI)
NSF	Advanced Technological Education (ATE)	Involves partnerships between academic institutions (grades 7-12, IHEs), industry, and economic development agencies to promote improvement in the education of science and engineering technicians at the undergraduate and secondary institution school levels.	Oct. 6, 2022
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.	Oct. 11, 2022
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. 12, 2022
NASA	MUREP PBI/HBCU Data Science Equity, Access and Priority for Research and Education (DEAP)	Will establish Data Science Institutes (DEAP Institutes), led by PBIs and HBCUs, for data-intensive research in science and engineering that can accelerate discovery and innovation in a broad array of NASA Science Mission Directorate research domains.	Oct. 24, 2023
USDA	AFRI Education and Workforce Development	Focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences. In FY 2021, the program will fund applications in seven areas: agricultural workforce training; professional development for agricultural literacy; training of undergraduate students in research and extension; fellowships for predoctoral candidates; fellowships for postdoctoral scholars, a new program for food and agricultural non-formal education, and a FY 2021-only program for evaluation of NIFA's agricultural literacy and workforce development portfolio.	Oct. 27, 2022
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. 4-18, 2022 (Varies by Track)



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NSF	Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)	Provides support to enhance the research capabilities of minority-serving institutions (MSI) through the establishment of centers that effectively integrate education and research.	Dec. 2, 2022 - Feb. 9, 2022 (Varies by Track)
DOD	FY2023 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. 14, 2022
NSF	Regional Innovation Engines	Catalyzes and fosters innovation ecosystems across the U.S. to: Advance critical technologies; Address national and societal challenges; Foster partnerships across industry, academia, government, nonprofits, civil society, and communities of practice; Promote and stimulate economic growth and job creation; and Spur regional innovation and talent.	Dec. 15, 2022 (Type 2 LOI); Jan. 31, 2023 (Type 2 Full)
NSF	LSAMP National Coordination Hub and Louis Stokes Community Resource Centers	Seeks proposals for an LSAMP National Coordination Hub (LSAMP Hub) and for Louis Stokes Community Resource Centers (LSCRCs).	Jan. 9, 2023; Jun. 1, 2023
NSF	Advancing Informal STEM Learning (AISL) Equity Resource Center	Supports research and practice with focus on investigating a range of informal STEM learning (ISL) experiences and environments that make lifelong learning a reality.	Jan. 11, 2023
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.	Jan. 17, 2023; Oct. 10, 2023; Oct. 8, 2024; Oct. 14, 2025
NSF	Improving Undergraduate STEM Education (IUSE): Education and Human Resources (EHR)	Seeks to improve the effectiveness of undergraduate STEM education for both majors and non-majors by promoting novel, creative, and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students.	Jan. 18, 2023; Jul. 19, 2023
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. 8, 2023; Aug. 20, 2023
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).	Feb. 14, 2023 (Pre); Mar. 28, 2023 (Full); Aug. 15 (Full); Aug. 25 (Full)
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, 2023



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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: BCSEER 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. 24, 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, 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.	Mar. 31, 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.	*Early 2023 (Last: Mar. 31, 2022)
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.	*2023 TBD (Last: Apr. 1, 2022)
NSF	Advancing Innovation and Impact in Undergraduate STEM Education at Two-year Institutions of Higher Education	Seeks to significantly enhance its support for research, development, implementation, and assessment to improve STEM education at the Nation's two-year colleges.	May 1, 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.	May 25, 2023
FDN	Alfred P. Sloan Foundation	The Creating Equitable Pathways to STEM Graduate Education program aims to create institutional pathways from MSIs to master's and doctoral degree programs in astronomy, biology, chemistry, computer science, data science, Earth sciences, economics, engineering, marine science, mathematics, physics, and statistics.	*Spring 2023 (Last: May 1, 2022)
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 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, 2023



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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.	*Summer 2023 (Last: Jul .21, 2019)
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. 11 2023; Aug. 9, 2024
NSF	Robert Noyce Teacher Scholarship Program	Seeks to encourage talented STEM majors and professionals to become K-12 mathematics and science teachers.	Aug. 29, 2023
NSF	International Research Experiences for Students (IRES)	Supports international research and research-related activities for U.S. science and engineering students.	Sep. 19 & 26, 2023
NSF	NSF Research Traineeship (NRT)	Supports the development and implementation of bold, new, and potentially transformative models for STEM graduate education training.	Sep. 6, 2023
NSF	Improving Undergraduate STEM Education: Two Year Colleges (TYC)	Planned program will support STEM education initiatives which enhance STEM teaching and learning at two-year colleges.	*2023 if approved
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
FDN	Lockheed Martin Corporation	Provides funding and volunteer support to organizations that support STEM career readiness and access for students from high school through the postsecondary years.	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
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.	Rolling
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



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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. 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 Apprenticeship/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	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
NSF	Research Experiences for Undergraduates (REU)	Supports active research participation by undergraduate students in NSF research areas.	TBD (Last: Sep. 6, 2022)
NSF	Improving Undergraduate STEM Education: Two Year Colleges (TYC)	Planned program will support STEM education initiatives which enhance STEM teaching and learning at two-year colleges	*2023 if approved
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.	*2025 (Last: Jul. 13, 2022)
ED	TRIO Upward Bound Math + Science	Seeks to help students recognize and develop their potential to excel in math and science and to encourage them to pursue postsecondary degrees in math and science, and ultimately careers in the math and science profession	*2027 (Last: Jun. 3, 2022)





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