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Be a Trailblazer: Help Shape UNC's Research Future with FundFit!

UNC introduces FundFit, a new Streamlyne feature powered by AI and machine learning to evaluate and showcase the strengths and expertise of UNC faculty and research teams. We are seeking innovative Trailblazers to help shape and refine this cutting-edge system at UNC.

FundFit then matches UNC researchers and teams to the best open funding opportunities. AI you have to do is approve what the system comes up with, or fine-tune it to your specific needs.

Examples of how FundFit can benefit UNC faculty and faculty research teams include:

- Creating a research "A Team," drawing from UNC's current pool of researchers for any given funding opportunity.
- Matching funding opportunities to the skills & backgrounds of PIs and teams.
- Identifying the most suitable potential collaborators at **other institutions** with complementary expertise.
- Searching for opportunities best suited to UNC researchers.

That's just the beginning of what will be available for those onboarded early. With each new upcoming FundFit release, there will be new features and functionality that makes pursuing funding easier and faster!

If you are interested in being a Trailblazer in helping to shape UNC's research future through the new FundFit software, please [fill out this form](#).

Important Upcoming HSI Sessions

Join the AZ HSI Consortium Book Club - Plática - Informational Session

December 12, 2024 at 10:00 AM MST

This informational session will feature Dr. Gina Garcia's "Transforming HSIs for Equity and Justice: A Practitioner's Workbook", and will provide a template for creating our own book club at UNC. Sign up for this informational session [through this form](#).

Participants will explore strategies for creating book club pláticas (talks/discussions) to facilitate critical conversations that lead to actionable change. The session will provide a model for delving into key topics from the book, including identity, strategic purpose, infrastructure, governance and leadership, extending and complicating HSI membership, partnerships, and critical reflection on theory for action.

[Register for this session here!](#)

Cultivating Servingness Through Culturally Responsive Faculty Development at HSIs Webinar

December 13, 2024 at 10:00 AM MST

This session will offer participants a structure for cultivating HSI servingness by increasing support for faculty development in culturally responsive ways. The presenter will share the ways in which key leadership personnel strategically clustered existing university departments and faculty aimed at structuring and strengthening capacity to further faculty development for the future. The workshop will focus on intentional efforts to develop faculty capacity in research, teaching and curriculum, and service and will offer opportunities for faculty development across the AZ HSI Consortium.

To register for this session, [please click here](#).

To receive updates on other consortium events and webinars, [please click here](#)

New & Previously Announced Funding Opportunities

Andy Warhol Foundation for the Visual Arts

Proposal Deadline: March 1, 2025 and September 1, 2025

Synopsis

The Andy Warhol Foundation actively supports the advancement of the visual arts through an extensive artist-centered grantmaking program. Their aim is to encourage and facilitate the production of original work that expands and enhances the contemporary art field. Their grants serve the needs of artists by funding the arts organizations and cultural institutions that support them. The grants provided cover the full spectrum of artistic activity, from grassroots happenings at alternative spaces to contemporary exhibitions at major museums, and every phase of the creative process, from conception and production, to presentation and documentation.

To help grantees best respond to the changing needs of artists in a continuously evolving contemporary art field, they have designed their grantmaking program to support a wide range of opportunities. Project grants are awarded for substantial curatorial endeavors such as solo or group exhibitions, which often involve commissioning new bodies of work and the production of scholarly catalogues. Program grants are generally made over a period of two years to support a combination of exhibitions, public programs, residencies, convenings, publishing projects, networking and other opportunities for creative growth and exploration.

The Andy Warhol Foundation for the Visual Arts has three funding opportunities:

1. Curatorial Research Fellowships
2. Exhibition Support
3. Multi-year Program Support

For complete instructions on how to craft a competitive proposal, [please click here](#).

McKnight Foundation: Scholar Awards

Proposal Deadline: January 13, 2025

Synopsis

The McKnight Scholar Awards are given to exceptional young scientists who are in the early stages of establishing an independent laboratory and research career. The intent of the program is to foster the commitment by these scientists to research careers that will have an important impact on the study of the brain. The program seeks to support scientists committed to mentoring neuroscientists from underrepresented groups at all levels of training. Applicants for the McKnight Scholar Award must demonstrate their ability to solve significant problems in neuroscience, which may include the translation of basic research to clinical practice. They should demonstrate a commitment to an equitable and inclusive lab environment.

For complete program information, [please click here](#).

National Endowment for the Arts: USArtists International

Proposal Deadline: January 16, 2025

Synopsis

USArtists International (USAI) supports performances by U.S. artists and arts organizations at cultural festivals, significant arts marketplaces, juried showcases, and conferences outside of the U.S. and its jurisdictions. The program aims to extend the reach and impact of performing artists and their accomplishments globally. USAI subawards may support costs such as artist fees, travel, housing, per diem, shipping, and visa preparation.

For complete program information, [please click here](#).

National Endowment for the Arts: Arts Education Partnership

Proposal Deadline: January 17, 2025

Synopsis

The Arts Education Partnership (AEP) was established in 1995 by the National Endowment for the Arts (NEA), the U.S. Department of Education (ED), the Council of Chief State School Officers (CCSSO), and the National Assembly of State Arts Agencies (NASAA) to disseminate information about current and emerging arts education policies, issues, and activities at the national, state, and local levels with the arts and education fields.

For complete program information, [please click here](#).

National Endowment for the Arts: Performing Arts Global Exchange

Proposal Deadline: January 23, 2025

Synopsis

The National Endowment for the Arts (NEA) aims to increase access to quality international arts programming throughout the U.S. and to promote a greater understanding of other cultures through the arts. Through the Performing Arts Global Exchange (PAGE) program the NEA will award funds to a U.S. Regional Arts Organization (RAO) to issue subawards to nonprofit presenting organizations that program international performing artists or ensembles for performances across the U.S. An emphasis will be placed on projects in underserved communities that have limited access to this type of artistic work. All funded projects must include public performances and activities that provide audiences with direct interaction with the visiting artists.

For complete program information, [please click here](#).

Stranahan Foundation: Early Childhood Education

Proposal Deadline: January 21, 2025

Synopsis

The Stranahan Foundation's Early Childhood Education grantmaking program focuses on increasing access to high-quality early care and education for young children (birth to five), especially those from low-income families, by investing in developing and retaining a high-quality, thriving early educator workforce. The Spring 2025 funding cycle will support nonprofit organizations and projects focused on advancing our Innovation and Proven Professional Development strategies.

- **Innovation:** This strategy focuses on developing, piloting, and refining new approaches to improve the knowledge, skills, or practices of aspiring and existing early childhood professionals.
- **Proven Professional Development:** This strategy focuses on expanding or modifying a clearly defined, proven professional development model to enable future expansion or implementation in a new childhood setting.

For complete program information, [please click here](#).

U.S. Department of Education: Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)

Proposal Deadline: February 3, 2025

Synopsis

The GEAR UP discretionary grant program aims to increase the number of low-income students prepared to enter and succeed in postsecondary education. These six- or seven-year grants support states and partnerships in delivering services to high-poverty middle and high schools. GEAR UP grantees serve entire cohorts of students, starting no later than seventh grade, and follow them through high school. Funds are also used to provide college scholarships to low-income students.

The program is seeking proposals to support eligible low-income students, including those with disabilities, in obtaining a secondary school diploma (or equivalent) and preparing for success in postsecondary education.

For complete program information, [please click here](#).

National Science Foundation: Human-Environment and Geographical Sciences Program (HEGS)

Proposal Deadline: February 3, 2025

Synopsis

The objective of the Human-Environment and Geographical Sciences Program is to support basic scientific research about the nature, causes, consequences, or evolution of the spatial dimensions of human behaviors, activities, and dynamics as well as their interactions with environmental and social processes across a range of scales. Contemporary geographical research encompasses diverse research traditions and methodologies. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, methodologically rigorous, and generalizable research that advances geographical and geospatial sciences.

For complete program information, [please click here](#).

National Institutes of Health: Implementation Science for Climate Change and Health

Proposal Deadline: February 5, 2025

Synopsis

Climate change poses substantial threats to human health across the lifespan, including communicable and non-communicable diseases, injuries, hazardous exposures, mental health, and death. Health outcomes can be affected directly by climate change through weather events such as extreme heat, wildfires, droughts, storm surges, and floods, and indirectly through a series of exposure pathways that include air and water quality, food quality, infectious diseases, and population displacement events.

Health impacts of climate change result from exposures to environmental hazards (e.g., air pollution from wildfire smoke, vector-borne illness from mosquitoes), changes in health behaviors (e.g., diet, physical activity), marginalized access to resources and information, and disruptions to health services, all of which are compounded by social, economic, and environmental injustices within the United States and globally.

For complete program information, [please click here](#).

NSF Hispanic-Serving Institutions: Enriching Learning, Programs, and Student Experiences (HSI-ELPSE)

Proposal Deadline: February 12, 2025

Synopsis

The Hispanic Serving Institutions: Enriching Learning, Programs, and Student Experiences (HSI-ELPSE) solicitation is specifically focused on studying and improving the student experience in the following settings:

- STEM courses, particularly for students pursuing STEM degrees;
- Certificate, minor, and/or degree programs;
- Academic departments or divisions; and
- Schools and colleges that represent a part of the entire institution (e.g., a School of Engineering or a College of Natural Sciences).

Institutions are encouraged to consider how their mission and HSI designation could reimagine and/or strengthen courses, degree programs, departments, or divisions. The HSI-ELPSE solicitation welcomes projects that implement, test and refine promising practices and/or conduct research related to broadening participation or improving recruitment, retention, graduation and other positive STEM outcomes for undergraduates.

Institutions are expected to use institutional data to identify equity gaps, identify areas of need, and unpack the factors that shape students' individual realities and shared experiences. Perspectives gained from these data should be central to project design.

UNC qualifies for the Implementation and Evaluation (IEP) Track, which has two levels. IEP Level 2 proposals have several required elements beyond those for Level 1 proposals, including the need for a research plan and a detailed letter of support from expert-level administrators that addresses sustainability. The HSI program accepts planning and conference proposals at any time.

For complete program information, [please click here](#).

National Endowment for the Humanities: Institutes for Higher Education Faculty and K-12 Educators

Proposal Deadline: February 12, 2025

Synopsis

The Division of Education Programs supports humanities education through programs aimed primarily at program and curriculum development and through professional development opportunities for K-12 and higher education faculty. Intensive reading and discussion programs featuring recognized scholars bring together small communities of teachers at both the higher education and K-12 levels to investigate new themes and innovative approaches to humanities subjects. Largely residential and held during the summer, these programs encourage the study of common texts and other resources, include visits to collections in libraries and museums, and help faculty integrate what has been learned back into their classrooms. The division has several grant programs to support broad institutional endeavors. Community colleges, Historically Black colleges and universities, tribal colleges and universities, and Hispanic-serving institutions receive grants to enhance the humanities content of existing programs, develop new programs, or lay the foundation for more extensive endeavors. The division also supports creative, integrative, collaborative curricular projects at two- and four-year post-secondary institutions between the humanities and STEM, pre-professional, and professional programs in law, the health sciences, etc. Finally, the division's veterans-centered program supports institutions interested in designing and implementing discussions programs that explore the experiences of war and military service through the examination of humanities texts and other resources.

For complete program information, [please click here](#).

National Endowment for the Humanities: Institutes for Advanced Topics in the Digital Humanities

Proposal Deadline: February 13, 2025

Synopsis

The program supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program, NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities.

This program aims to bring together humanities scholars, advanced graduate students, librarians, archivists, museum staff, computer scientists, information specialists, and others to learn about new tools, approaches, and technologies, and to foster relationships for future collaborations in the humanities. NEH encourages you to develop proposals for multidisciplinary teams that include the necessary range of intellectual, technical, and practical expertise. You may draw partners and collaborators from outside of your institution, from the private and public sectors, and may include appropriate specialists from within and outside the United States. You should consider the practical applications of the institute topic and the ethical implications of its subject for humanities research, teaching, or public programming.

For complete program information, [please click here](#).

National Institutes of Health: Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions

Proposal Deadline: February 25, 2025

Synopsis

The AREA program will enable eligible organizations to receive support for small-scale research projects led by faculty members. It is anticipated that investigators supported under the AREA program will benefit from the opportunity to conduct independent research, that the grantee institution will benefit from a research environment strengthened through AREA grants, and that students at recipient institutions will benefit from exposure to and participation in scientific research in the biomedical sciences to encourage them to consider careers in biomedical research. The AREA NFOC emphasizes the engagement and inclusion of undergraduates in research.

The research project must involve undergraduate students, and the research team must be composed primarily of undergraduate students. Student involvement in research may include participation in the design of experiments and controls, collection and analysis of data, execution and troubleshooting of experiments, presenting at meetings, drafting journal articles, participation in lab meetings to discuss results and future experiments, etc. The AREA program is a research grant program, not a training or fellowship program, and, as such, applications should not include training plans such as didactic training or non-research activities relating to professional development.

For complete program information, [please click here](#).

Henry Luce Foundation: Clare Boothe Luce Program for Women in STEM

Proposal Deadline: March 3, 2025

Synopsis

The Clare Boothe Luce Program for Women in STEM is dedicated to significantly increasing the number of women in math, science and engineering in higher education.

By addressing the structural and cultural barriers that contribute to the gender gap, and advancing women's leadership in the sciences, a new—more inclusive—landscape can take shape. As of 2024, the Clare Boothe Luce Program awards grants of up to \$750,000 to fund higher education institutions' efforts to address the obstacles that prevent or discourage women on their campuses from pursuing and thriving in STEM fields.

Additionally, the Henry Luce Foundation awards CBL STEM Community Grants that allow CBL institutions to build impactful and supportive STEM ecosystems within their local communities.

The Clare Boothe Luce Program hosted several webinars to review changes to the program. If you were unable to join one of these webinars, please email: WomenInSTEM@hluce.org

For program guidelines, [please click here](#).

Institute of Education Sciences: Early Career Development and Mentoring Program for Education Research

Proposal Deadline: March 7, 2025

Synopsis

The Early Career Development and Mentoring Program for Education Research (Early Career Program) supports grants that prepare early career researchers at research institutions (academic and non-academic) to conduct high-quality education research that advances knowledge within the education sciences and addresses issues important to education policymakers and practitioners.

For complete program information, [please click here](#).

Mathers Foundation Grant

Proposal Deadline: March 14, 2025

Synopsis

The Foundation focuses on supporting basic science research with the potential for translational applications. Current areas of support include immunology, microbiome studies, structural biology, cellular physiology, cancer biology, genetics, genomics, microbiology and infectious diseases, stem cell biology, and neuroscience.

For complete program information, [please click here](#).

National Archives and Records Administration: Publishing Historical Records in Collaborative Digital Editions

Proposal Deadline: May 7, 2025

Synopsis

The National Historical Publications and Records Commission seeks proposals to publish online editions of historical records. All types of historical records are eligible, including documents, photographs, born-digital records, and analog audio. Projects may focus on broad historical movements in U.S. history, such as law (including the social and political history of the law), politics, social reform, business, military, the arts, and other aspects of the national experience. Projects that center the voices and document the history of Black, Indigenous, and People of Color are especially welcome.

For complete program information, [please click here](#).

Undergraduate Opportunities

Hispanic Association of Colleges and Universities (HACU): Scholarship Programs

Proposal Deadline: March 1, 2025

Synopsis

HACU offers academic scholarships from \$500 to \$5,000 (multiple deadlines), conference scholarships to attend the annual conference (TBD), Southwest travel awards (TBD), and other programs. Eligibility varies, but priority is for students of Hispanic descent and/or who attend a HACU member or partner institution, of which UMC is a member.

For program guidelines, [please click here](#).

VentureWell Funding for Undergraduates

Application Deadline: January 20, 2025

The E-Team Program, part of the [VentureWell Accelerator](#), supports student ventures as you embark down the path you're likely to take as an innovator and entrepreneur. We help you advance your invention through a powerful mix of up to \$25,000 in grant funding, entrepreneurship training, mentorship by dedicated staff, national recognition, and networking with peers and industry experts.

E-Team Program Information Session:

- **Student Innovators:** connect with Program Manager Sarah Wharmby for a quick overview of the application process and key requirements to submit a standout application before the deadline!
 - **Monday, January 6, 2025**

For application information and to register for info sessions, [please click here](#).

Research Experiences for Undergraduates Opportunity in Autonomous Vehicles at Kettering

Do you know students who might be interested in cutting-edge research on autonomous vehicles? Perhaps they want the opportunity to work closely with passionate, experienced professors at the forefront of automotive technology? The Summer 2025 Research Experiences for Undergraduates program at Kettering University offers an exciting chance to engage in hands-on research in the heart of automotive innovation. This program provides invaluable experience in a rapidly evolving field, allowing students to contribute to groundbreaking projects while gaining mentorship and insight from leading experts. Don't let them miss out—share this incredible opportunity with your students!

The objective of this REU Site is to expose undergraduate students to interdisciplinary research in the broad area of autonomous vehicles. Students will work on projects in the disciplines of mechanical and electrical engineering, computer science, and physics. Some of the possible projects students can work on include comparing control algorithms, analyzing noise signatures of electric and autonomous vehicles, detecting misbehavior in V2X wireless networks, examining key factors in crash avoidance, studying intelligent tires in autonomous vehicles, obstacle avoidance, and carrying out a variety of environment perception tasks.

Students will have the opportunity to work in state-of-the-art labs, including Kettering University's vehicle proving ground, and to work with faculty who have strong ties to the automotive industry. This opportunity will include professional development opportunities that will complement the research experience, including both speakers and tours of local industry.

This is a PAID research opportunity! Students selected for the program will receive a weekly stipend, housing in an apartment complex across the street from campus, a meal allowance, and transportation to/from Kettering. **This is an excellent opportunity for students to gain valuable, paid research experience.**

For application information, [please click here.](#)

Other Previously Announced Funding Opportunities

National Science Foundation: Build and Broaden: Enhancing Social, Behavioral and Economic Science Research and Capacity at Minority-Serving Institutions

Proposal Deadline: January 23, 2025

Synopsis
Build and Broaden (B2) supports fundamental research and research capacity across disciplines at [minority-serving institutions](#) (MSIs) and encourages research collaborations with scholars at MSIs. Growing the science, technology, engineering and mathematics (STEM) workforce is a national priority. National forecasts of the impending shortage of workers with science and engineering skills and essential research workers underscore a need to expand opportunities to participate in STEM research ([President's Council of Advisors on Science and Technology, 2012](#)). MSIs make considerable contributions to educating and training science leaders for U.S. economic growth and competitiveness. Yet NSF has received comparatively few grant submissions from, or involving, scholars at MSIs. Targeted outreach activities reveal that MSIs have varying degrees of familiarity with funding opportunities within NSF and particularly within the Social, Behavioral and Economic (SBE) Sciences Directorate. As a result, NSF is limited in its ability to support research and training opportunities in the SBE sciences at these institutions. With its emphasis on broadening participation, Build and Broaden is designed to address this problem. SBE offers Build and Broaden in order to increase proposal submissions, advance research collaborations and networks involving MSI scholars, and support research activities in the SBE sciences at MSIs. Proposals that outline research projects in the SBE sciences that increase students' pursuit of graduate training, enhance PI productivity build research capacity, or cultivate partnerships are especially encouraged to apply.

Proposals are invited from single principal investigators based at MSIs and from multiple co-investigators from groups of MSIs. Principal investigators who are not affiliated with MSIs may submit proposals, but must collaborate with PIs, co-PIs, or senior/key personnel from MSIs and describe how their project will foster research partnerships or capacity-building with at least one MSI as a primary goal of the proposed work. Proposals may address any scientific and cross-disciplinary areas supported by SBE. These areas include anthropology, archaeology, cognitive neuroscience, decision science, ecological research, economics, geography, linguistics, law and science, organizational behavior, political science, public policy, security and preparedness, psychology, and sociology.

For complete program information, [please click here.](#)

The Simons Foundation: Travel Support for Mathematicians

Proposal Deadline: January 29, 2025

Synopsis
The Simons Foundation's Mathematics and Physical Sciences division invites applications for its Travel Support for Mathematicians program, which is intended to stimulate collaboration in the field primarily through the funding of travel and related expenditures. The goal of the program is to substantially increase collaborative contacts between accomplished, active mathematicians in the United States.

For complete program information, [please click here.](#)

Dreyfus Foundation: Teacher-Scholar Awards in Chemical Sciences

Proposal Deadline: January 30, 2025

Synopsis
The Camille Dreyfus Teacher-Scholar Awards Program supports promising early-career professors in the field of chemistry, helping them to advance both their research and teaching. This award, which universities must nominate candidates for, recognizes young professors who have already made notable progress in their research and have shown dedication to teaching. The award is given with the expectation that these recipients will continue to make meaningful contributions to both scientific research and education in the years to come.

For complete program information, [please click here.](#)

American Association for Laboratory Animal Science Foundation: Grants for Laboratory Animal Science

Proposal Deadline: February 1, 2025

Synopsis
The mission of the AALAS Grants for Laboratory Animal Science (GLAS) Program is to enhance scientific knowledge in laboratory animal health and welfare through research, and to further promote collaborative efforts by the AALAS membership within the broader scientific community.

For complete program information, [please click here.](#)

National Science Foundation: Human-Environment and Geographical Sciences Program

Proposal Deadline: February 3, 2025

Synopsis
The objective of the Human-Environment and Geographical Sciences Program is to support basic scientific research about the nature, causes, consequences, or evolution of the spatial dimensions of human behaviors, activities, and dynamics as well as their interactions with environmental and social processes across a range of scales. Contemporary geographical research encompasses diverse research traditions and methodologies. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, methodologically rigorous, and generalizable research that advances geographical and geospatial sciences.

For complete program information, [please click here.](#)

National Endowment for the Humanities: Landmarks of American History and Culture

Proposal Deadline: February 12, 2025

Synopsis
The National Endowment for the Humanities (NEH) Division of Education Programs is accepting applications for the Landmarks of American History and Culture program. The program supports a series of one-week residential, virtual, and combined format workshops across the nation to enhance how K-12 educators and higher education faculty and humanities professionals incorporate place-based approaches to humanities teaching and scholarship.

For complete program information, [please click here.](#)

National Science Foundation: Geosciences Open Science Ecosystem

Proposal Deadline: February 14, 2025

Synopsis
The Geosciences Open Science Ecosystem (GEO OSE) program seeks to realize the benefits of open science practices toward advancing research and education in the geosciences. To achieve this vision, the GEO OSE program encourages efforts to foster adoption of open, inclusive, and equitable scientific practices across geoscience domains. The program supports development of innovative open science approaches that advance geosciences research and education through leveraging expanding information resources and computing capabilities. The program also supports initiatives to strengthen the capacity of current and future geoscientists to access, utilize, and collaborate within the growing ecosystem of open science resources.

GEO OSE projects may pursue a variety of activities to advance open science practices within the geosciences. This includes community/chief building around and defining a shared vision for open science and adopting open science practices within and across geoscience domains. It also includes development and implementation of open science approaches that accelerate geoscience research discovery via seamless workflows connecting data, software, physical collections, and computing. In addition, GEO OSE supports educational activities that instill open science practices and broaden adoption of cyberinfrastructure resources to reduce barriers to geoscience research and education.

For complete program information, [please click here.](#)

Association for Women in Mathematics: Travel Grants

Proposal Deadline: February 15, 2025

Synopsis
The Association for Women in Mathematics has administered the NSF-AWM Travel Grant Program for Women since 1985, supporting both travel to domestic or foreign research conferences and, more recently, longer-term visits with a mentor.

The objective of the NSF-AWM Mathematics Mentoring Travel Grants is to help junior women to develop a long-term working and mentoring relationship with a senior mathematician. This relationship should help the junior mathematician to establish her research program and eventually receive tenure. Each grant funds travel, accommodations and other required expenses for an untenured woman mathematician to travel to an institute or a department to do research with a specified individual for one month. The applicant's and mentor's research must be in a field which is supported by the Division of Mathematical Sciences of the National Science Foundation.

For complete program information, [please click here.](#)

National Institute of Health: NIDCD Early Career Research Award (R21)

Proposal Deadline: February 19, 2025

Synopsis
The NIDCD Early Career Research (ECR) Award (R21) is intended to support both basic and clinical research from scientists who are beginning to establish an independent research career. It cannot be used for thesis or dissertation research. The research must be focused on one or more of the areas within the biomedical and behavioral scientific mission of the NIDCD: hearing, balance, smell, taste, voice, speech, or language. The NIDCD ECR Award R21 grant mechanism supports different types of projects including secondary analysis of existing data, small, self-contained research projects, development of research methodology, translational research, outcomes research, and development of new research technology. Irrespective of the type of project, the intent of the NIDCD ECR Award R21 is for the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) to obtain sufficient preliminary data for a subsequent R01 application.

For complete program information, [please click here.](#)

National Science Foundation: Experiential Learning for Emerging and Novel Technologies (ExLENT)

Proposal Deadline: Feb 24, 2025

Synopsis
The ExLENT program will support inclusive experiential learning opportunities designed to provide cohorts of diverse learners with the crucial skills needed to succeed in emerging technology fields and prepare them to enter the workforce ready to solve our Nation's most pressing scientific and societal challenges. Furthermore, the ExLENT program will directly support NSF's priority to build a diverse workforce in emerging technologies to assure the Nation's competitiveness in STEM.

Key goals of the program are to (1) expand access to career-enhancing experiential learning opportunities for a broader, more diverse population, including adult learners interested in re-skilling and/or upskilling (e.g., those who face or have faced significant barriers to accessing a formal STEM education); (2) promote cross-sector partnerships between organizations in emerging technology fields and those with expertise in workforce development; and (3) develop a workforce aligned with regional economies based on emerging technologies across the Nation, in alignment with the mission of the TIP Directorate.

For complete program information, [please click here.](#)

The Institute of Cannabis Research

Proposal Deadline: February 28, 2025

Synopsis
The Institute of Cannabis Research (ICR) purpose of this grant program is to fund observational- and hypothesis-based research to include but not limited to scientific, medical, social science, economic, and clinical study of cannabis and other matters that have a significant impact on the state, nation, world, and advance the mission of the ICR. Research to be supported by this opportunity is wide-ranging, and special areas of interest include the following:

- Medical and Clinical Research
- Public Health, Safety, and Harm Reduction
- Pharmacology and Dosing
- Societal Impacts of Cannabis Legislation
- Biology, Chemistry, and Physiology
- Agriculture and Plant Genetics
- Biotechnologies
- Economic Development and Economic Legislation Impact

For complete program information, [please click here.](#)

National Science Foundation: Emerging Mathematics in Biology (eMB)

Proposal Deadline: March 3, 2025

Synopsis
The Emerging Mathematics in Biology (eMB) program seeks to stimulate the development of innovative mathematical theories, techniques, and approaches to investigate challenging questions of great interest to biologists and public health policymakers. It supports truly integrative research projects in mathematical biology that address challenging and significant biological questions through novel applications of traditional, but non-trivial, mathematical tools and methods or the development of new mathematical theories

particularly from foundational mathematics, including the mathematical foundation of Artificial Intelligence/Deep Learning/Machine Learning (AI/ML), enabling explainable AI or mechanistic insight. The program emphasizes the uses of mathematical methodologies to advance our understanding of complex, dynamic, and heterogeneous biological systems at all scales (molecular, cellular, organismal, population, ecosystems, evolutionary, etc.)

For complete program information, [please click here.](#)

National Science Foundation: Scholarships in S-STEM Program (S-STEM)

Proposal Deadline: March 4, 2025

Synopsis

The main goal of the S-STEM program is to enable low-income students with academic ability, talent or potential to pursue successful careers in promising STEM fields. Ultimately, the S-STEM program seeks to increase the number of academically promising low-income students who graduate with a S-STEM eligible degree and contribute to the American innovation economy with their STEM knowledge. Recognizing that financial aid alone cannot increase retention and graduation in STEM, the program provides awards to institutions of higher education (IHEs) not only to fund scholarships, but also to adopt, implement, and study evidence-based curricular and co-curricular activities that have been shown to be effective supporting recruitment, retention, transfer (if appropriate), student success, academic/career pathways, and graduation in STEM.

For complete program information, [please click here.](#)

Institute of Education Sciences: Research Training Programs in the Education Sciences

Proposal Deadline: March 7, 2025

Synopsis

Institute of Education Sciences (IES) 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. IES's ability to support high-quality research depends on the field's ability to train and support talented researchers, statisticians, and evaluators that reflect this population. IES strives to ensure that the researchers we fund are drawn from the entire pool of talented individuals who bring different backgrounds, perspectives, interests, and experiences to address complex education problems. IES 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. IES encourages applications from Minority Serving Institutions.

For complete program information, [please click here.](#)

National Science Foundation: Innovations in Graduate Education (IGE)

Proposal Deadline: March 25, 2025

Synopsis

The Innovations in Graduate Education (IGE) Program is designed to encourage development and implementation of bold, new, and potentially transformative approaches to STEM graduate education training. The program seeks proposals that a) explore ways for graduate students in STEM master's and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers, or b) support research on the graduate education system and outcomes of systemic interventions and policies.

IGE projects are intended to generate the knowledge required for the customization, implementation, and broader adoption of potentially transformative approaches to graduate education. The program supports piloting, testing, and validating novel models or activities and examining systemic innovations with high potential to enrich and extend the knowledge base on effective graduate education approaches.

The program addresses both workforce development, emphasizing broad participation, and institutional capacity-building needs in graduate education. Strategic collaborations with the private sector, non-governmental organizations (NGOs), government agencies, national laboratories, field stations, teaching and learning centers, informal science organizations, and academic partners are encouraged.

For complete program information, [please click here.](#)

National Science Foundation: Multilateral Partnerships Leveraging Excellence

Proposal Deadline: Full proposal accepted anytime

Synopsis

Many of the most pressing challenges in research and innovation require collaboration across national and disciplinary boundaries to achieve important advances. A growing number of topics are best addressed on a multilateral basis, building partnerships that leverage diverse expertise, data, infrastructure, and perspectives to advance understanding on critical topics of regional or global importance. At the same time, funders, research organizations, and researchers alike typically have limited experience with multilateral partnerships.

The Office of International Science and Engineering's MultiPLEx program seeks to support visionary, and ambitious international multilateral research partnerships that are required to hasten progress in addressing grand challenges by leveraging research excellence in the U.S. and around the globe. The program also seeks to advance understanding of effective multilateral collaboration.

MultiPLEx welcomes proposals that

- Address urgent research and/or societal challenge of global importance (including but not limited to critical and emerging technology research) and require an inherently international multilateral approach to achieve impactful research results, partnering with at least two countries other than the U.S. Proposals that engage partners across distinct geographic regions are an area of interest.
- Make clear how the proposed international collaboration will enable research, advances and broader impacts that go beyond what can be accomplished by a narrower team.
- Include a diverse group of U.S. institutions and/or individuals, leveraging the full range of talent that society has to offer.

For complete program information, [please click here.](#)

NEA Translation Project Fellowships 2026

Proposal Deadline: July 16, 2025

Synopsis

Through fellowships to published translators, the National Endowment for the Arts (NEA) supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. The work to be translated should be of interest for its literary excellence and merit.

NEA encourages translation projects that feature languages, perspectives, and writers that are not well represented in English, as well as work that has not previously been translated into English, fostering mutual support for the diverse beliefs and values of all individuals and groups.

For complete program information, [please click here.](#)

NSF Hispanic Serving Institutions: Equitable Transformation in STEM Education (ETSE)

Proposal Deadline: August 27, 2025

Synopsis

The Hispanic Serving Institutions: Equitable Transformation in STEM Education (HSI: ETSE) solicitation funds a breadth of projects, including proposals that support institutions to become more student centered by understanding and embracing students' strengths, challenges, identities and lived experiences.

The ETSE competition focuses on: (1) institutional transformation projects that support HSIs in their effort to achieve equity in STEM education, and (2) the infrastructure—the HSI-Net network of resource hubs—which supports the overall program goals.

UNC is eligible to apply to the following tracks:

- Departmental/Division Transformation Track (DOTT) - New
- Institutional Transformation Track (ITT)
- HSI Program Resource Hubs (Hubs)
- Conference proposals and planning proposals

See below for upcoming webinars and office hours with program officers.

For complete program information, [please click here.](#)

National Science Foundation: Major Research Instrumentation (MRI) Program: Instrument Acquisition or Development

Proposal Deadline: October 15, 2025 - November 14, 2025

Synopsis

The Major Research Instrumentation (MRI) Program enhances access to advanced scientific and engineering instruments for research and training at universities and non-profit organizations. Through MRI awards, institutions can acquire costly, multi-user instruments or develop new ones with advanced capabilities that push the boundaries of science and engineering. These grants are essential for enabling cutting-edge research that might not be possible otherwise and play a key role in training the next generation of scientists and engineers, equipping them with the skills to use and design the innovative tools of the future.

For complete program information, [please click here.](#)

National Institutes of Health: Bidirectional Influences Between Adolescent Social Media Use and Mental Health

Proposal Deadline: October 21, 2025

Synopsis

Adolescents have increasing access to and spend an increasing amount of time engaging in online social interactions and consuming content on social media platforms. Yet there is limited knowledge of how online social behavior and experiences interact with adolescent mental illness and risk for psychopathology. The purpose of this notice of funding opportunity (NOFO) is to encourage applications that focus on understanding bidirectional relationships between social media use and adolescent mental illness, psychiatric symptoms, and risk or resilience for psychopathology, as well as social media as a platform for facilitating the identification of adolescents with or at risk for mental illness, for encouraging appropriate mental health service use, and for delivering preventive and therapeutic interventions.

For complete program information, [please click here.](#)

National Institutes of Health: Biomedical Research Environment & Sponsored Programs Administration Development (BRE-SPAD) Program

Proposal Deadline: January 28, 2027

Synopsis

The Biomedical Research Environment & Sponsored Programs Administration Development (BRE-SPAD) (PAB-24-228) Program aims to promote broad participation in biomedical research by supporting Resource-Limited Institutions (RLIs) to conduct research, enhance their research environments, and increase sponsored programs administration capacity. The BRE-SPAD program is designed to support the needs of organizations that are in different stages of biomedical research capacity building. All applications should propose plans in at least two of the developmental funding areas listed below:

1. Sponsored Programs Administration Development: For activities to increase sponsored programs administration capabilities, including staff, resources, training, policy development and other activities related to grants, contracts, activities to increase organizational funds available for research, and technology transfer.
2. Research Environment: For activities to cultivate growth in research and research education activities. Example activities include, but are not limited to, faculty grant writing training, student research training activities, course-based research development, research symposia, and research oversight policies and implementation.
3. Pilot Research Project Program: For the development of a program to administer internal pilot research project funding to faculty conducting biomedical research with the goal of generating preliminary data to enhance the competitiveness of securing external research funding.

For complete program information, [please click here.](#)



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