UPR external funding success is of utmost importance to strengthen the connection between its investigators/faculty and funding entities who have the potential to sponsor their research and academic endeavors. This publication has been developed in order to summarize funding opportunities and promote the participation of faculty and collaborative research groups in their intent to apply for external funds. Such efforts are aligned with the UPR Strategic Plan 2017-2022: A New Era of Innovation and Transformation for Student Success; Certification 50 (2016-2017) of the Governing Board, December 19, 2016. Strategic Area: Research and Creative Work. Goal 2: Increase Applications for and awards of external funds for research and creative work.

SELECTED FUNDING OPPORTUNITIES

This is a selection of identified funding opportunities for the period ending **07/12/2023** and is in no way all-inclusive of funding opportunities available. Further information has been shared with External Resource Coordinators and Research Coordinators at each UPR campus by e-mail.

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1. Research Experiences for Undergraduates (REU), NSF

Research experience is one of the most effective avenues for attracting students to and retaining them in science and engineering and for preparing them for careers in these fields. The REU program, through both Sites and Supplements, aims to provide appropriate and valuable educational experiences for undergraduate students through participation in research. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. REU projects feature high-quality interaction of students with faculty and/or other research mentors and access to appropriate facilities and professional development opportunities.

NSF welcomes proposals that include efforts to broaden geographic and demographic participation in REU projects. Proposals involving experienced researchers at institutions in EPSCoR-eligible jurisdictions, minority-serving institutions, and emerging research institutions are encouraged. REU projects may be carried out during the summer months, during the academic year, or both.

International REU Projects

The REU program welcomes projects with an international dimension. International REU Sites (iREUs) or Supplements usually involve a partnership between U.S. researchers and collaborators at a foreign institution or organization. These projects are expected to entail (1) true intellectual collaboration with a foreign partner and (2) benefits to the students from the unique expertise, skills, facilities, phenomena, or other resources that the foreign collaborator or research environment provides. International REU projects generally have higher travel costs and a higher per-student cost than domestic projects. They also often have more complex logistics and require a more complex mentoring arrangement.

Investigators planning an international REU project should discuss their idea with the relevant program officer — either the REU Site contact for the relevant discipline (https://www.nsf.gov/crssprgm/reu/reu_contacts.jsp) in the case of an international REU Site proposal, or the cognizant program officer for the underlying award in the case of an REU Supplement request.

Research Experiences for Teachers

NSF encourages research experiences for K-12 teachers of science, technology, engineering, and mathematics and the coordination of these experiences with REU projects. Most directorates support Research Experiences for Teachers (RET) as a formal activity and announce their specific interests (e.g., RET Sites, RET Supplements) either in solicitations, in Dear Colleague Letters, or on directorate/division websites. Teachers may also be included in an international REU project. Proposers who wish to include an RET component in an REU proposal may wish to contact the appropriate REU program officer for guidance. REU Site proposals that include a significant RET component should begin the project title with the label "REU/RET Site:" to ensure appropriate tracking at NSF.

REU SITES

REU Sites are based on independent proposals, submitted for an annual deadline date, to initiate and conduct projects that engage a number of undergraduate students in research.

REU Sites must have a well-defined common focus that enables a cohort experience for students. Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. (Although interdisciplinary or multi-department proposals must be submitted to a single NSF disciplinary unit, these proposals are often reviewed by two or more NSF units, at the discretion of the NSF program officer who manages the proposal.) A proposal should reflect the unique combination of the proposing organization's interests and capabilities and those of any partnering organizations. Cooperative arrangements among organizations and research settings may be considered so that a project can increase the quality or availability of undergraduate research experiences. To extend research opportunities to a larger number of undergraduates, proposers may incorporate approaches that make use of cyberinfrastructure or other technologies that facilitate research, learning, and collaboration

over distances ("virtual projects").

REU Sites are an important means for extending high-quality research environments and mentoring to diverse groups of students. In addition to increasing the participation of students from underrepresented groups in research, the program aims to involve students who might not otherwise have research opportunities, particularly those from academic institutions where research programs in STEM are limited. Thus, a significant fraction of the student participants at an REU Site must come from outside the host institution or organization, and at least half of the student participants must be recruited from academic institutions where research opportunities in STEM are limited (including two-year colleges).

The REU Site Contacts web page (https://www.nsf.gov/crssprgm/reu/reu_contacts.jsp) provides contact information for the REU program officers in each NSF disciplinary unit that manages REU Sites, and that page also lists discipline-specific REU web pages for units that have them. Prospective PIs should consult those web pages or the points of contact for more specific information about characteristics of REU Sites that vary by discipline.

Special Opportunities (Partnerships)

Some proposers for REU Sites might be interested in the following opportunities. These are *optional*; proposals are not required to respond to them.
1. Department of Defense
2. Department of Energy
3. Semiconductor Research Corporation (SRC)

REU SUPPLEMENTS

An REU Supplement typically provides support for one or two undergraduate students to participate in research as part of a new or ongoing NSF-funded research project. However, centers or large research efforts may request support for a number of students commensurate with the size and nature of the project. REU Supplements are supported by the various research programs throughout the Foundation, including programs such as Small Business Innovation Research (SBIR).

High-quality mentoring is important in REU Supplements, just as it is in REU Sites, and investigators should give serious attention not only to developing students' research skills but also to involving them in the culture of research in the discipline and connecting their research experience with their overall course of study.

Investigators are reminded that support for undergraduate students involved in carrying out research under NSF awards should be included as part of the research proposal itself instead of as a post-award supplement to the research proposal, unless such undergraduate participation was not foreseeable at the time of the original proposal.

A request for an REU Supplement may be submitted in either of two ways: (1) Proposers may include an REU Supplement activity as a component of a new (or renewal) research proposal to NSF. For guidance, contact the program officer who manages the research program to which the proposal would be submitted. (2) Investigators holding an existing NSF research award may submit a post-award request for supplemental funding. For guidance, contact the cognizant program officer for the NSF grant or cooperative agreement that would be supplemented.

Link to Additional Information: https://www.nsf.gov/pubs/2023/nsf23601/nsf23601.htm

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2. Of the People: Widening the Path: Community Collections Grants to Organizations, Library of Congress

Application Deadlines: August 18, 2023
Estimated Total Program Funding: up to $50,000 for 12 months

Through a gift from the Andrew W. Mellon Foundation, the Library will support a multiyear initiative that entails public participation in the creation of archival collections. Specifically, the Library of Congress seeks to make awards to support

contemporary cultural documentation focusing on the culture and traditions of diverse, often underrepresented communities in the United States today. These projects will result in archival collections preserved at the American Folklife Center and made accessible through the Library of Congress' web site.

The major goals of this program are to enable communities to document their cultural traditions, practices and experiences from their own perspectives, while enhancing the Library's holdings with materials featuring creativity and knowledge found at the local level. As such, successful proposals will come from applicants within or closely affiliated with the community they propose to document.

Funding through these awards can be used to cover travel, equipment rental or purchase, and other expenses associated with cultural documentation fieldwork. American Folklife Center folklorists and archivists can assist successful applicants in providing support for specific aspects of cultural documentation activities, such as sharing expertise or training in fieldwork methods, archival practices and associated digital technologies. Library staff will be available to provide technical advice, and work with successful applicants to facilitate a cohort for sharing knowledge and lessons learned. In consultation with American Folklife Center staff during the award process, awardees have the option to develop public programs connected to their projects in their home communities, as potentially supported by additional funds.

The following list is meant to inspire, but not limit, possibilities with regards to cultural documentation projects applicants might propose. Projects should include a combination of interviews, still photography, digital video, field notes or other forms of documentation:

- Exploration of a community festival or other culturally meaningful celebration through interviews with organizers and participants, audio-visual documentation of activities affiliated with the event (including planning, set up and post-event activity) and any ephemera or material culture.

- Seasonal or periodic documentation of institutions or gathering places, such as farmers markets, informal social hangouts, craft fairs or other periodic spaces that might serve as anchors or markers of community.
- Community-centric reflection on emergent cultural traditions or practices that have developed as responses to shared collective experience of widespread recent phenomena such as the COVID-19 pandemic, social justice movements or economic change.

- Broad examination of community-specific cultural practices that can serve as markers of various aspects of identity, such as practices around death or bereavement, life milestones or transition into different modes or phases of living; transmission of language or other intangible aspects of heritage; or informally learned aspects of communication that help cohere a social group.

- Community history of a neighborhood or other type of geographically delimited collective space that tracks change and continuity from the perspective of current residents, both long-term and newly arrived, via multi-format documentation.

- Documentation focused on temporality, such as tracing traditions and their changes over time, which can include multi-sited projects, but do not need to be delimited geographically.

Program Expectations and Deliverables

- **Cultural documentation project** - Design, develop and implement a project that enables communities to document their cultural life and experiences from their own perspectives, while enriching the Library's holdings with diverse materials. The project must feature creativity, knowledge, and/or cultural activity found at the local level in existing communities. Successful applications will come from organizations closely affiliated with the community they propose to document. In addition to providing collection materials to the Library, awardees may also retain copies for deposit and preservation in local institutions.

- **Enhance the Library's Archive of Folk Culture** - Successful applicants agree to provide the American Folklife Center with the cultural documentation materials created during the period of performance of the award. Successful applicants may also choose to keep copies of the collection materials in the community, and American Folklife Center staff can offer technical assistance and guidance to support local stewardship.

Link to Additional Information: https://www.loc.gov/programs/of-the-people/collect-and-preserve/community-collections-grant-application/

3. Precision HIV Health: Integrating Data and Implementation Science to Accelerate HIV Prevention and Treatment (R21/R33 Clinical Trial Not Allowed), NIH

Application Due Dates:
- **Letter of Intent: October 22, 2023**
- **Full Proposal: November 22, 2023**

Award Amount:
- **R21 Phase: up to $275,000 in direct costs over the two-year period**
- **R33 Phase: up to $375,000 in direct costs over the three-year period**

The overarching objective of this NOFO is to accelerate the implementation of more targeted and sustainable interventions to improve HIV prevention, treatment, and care, which is closely aligned with the priorities of the NIMH Division of AIDS Research, the NIH Office of AIDS Research, and the U.S. Department of Health and Human Services. As such, this NOFO aims to support phased collaborative data science and implementation science research projects that uses a multi-stage participatory simulation modeling approach to more effectively address the HIV prevention and treatment needs of the population.

Research applications must propose a multiple Principal Investigator/Project Director (MPI) plan for collaborative data science and implementation science research with the goals of:

- using data science methods to model complex systems, including the social and structural determinants of health, to identify more targeted HIV prevention, treatment, and care interventions and implementation strategies;
- identifying novel measurement approaches and using modern statistical methods to evaluate the implementation of data-driven discoveries; and
- integrating meaningful engagement of community and implementing partners at every stage, from problem definition and system conceptualization to development of the model, testing and evaluation, including simulating and evaluating implementation impacts prior to implementation, to intervention implementation, and finally evaluation and reflection.

Inherent in this NOFO is the need to integrate team science and systems science principles and practices to more clearly identify the prevention, diagnosis, treatment, and response required for a meaningful and sustained impact on the HIV epidemic.

Applicants may propose any modeling approach appropriate for understanding complex, dynamic systems (e.g., system dynamics, agent-based modeling) impacting HIV prevention, treatment, or care. Investigators are strongly encouraged to also explore mental health as a factor impacting the effectiveness of evidence-based practices, interventions, and strategies across the HIV prevention and care continuum. The pilot implementation test of the strategy must include not only measures of effectiveness but also implementation process measures (e.g., adoption, reach) as appropriate to the research questions, population, and setting. An implementation framework or model (e.g., Consolidated Framework for Implementation Research [CFIR], Reach, Effectiveness, Adoption, Implementation, and Maintenance [RE-AIM]) must be identified to guide the study design and evaluation methods. Applicants should identify the NIH Office of AIDS Research Priority Area in which their research will address.

Phased Innovation Award

This NOFO uses the Phased Innovation Award Mechanism (R21/R33) to provide up to 2 years of R21 support for initial activities and up to an additional 3 years of R33 support for expanded activities to support innovative participatory data science and implementation science research for the prevention, diagnosis, treatment, and response needed to end the HIV epidemic.

Proposed projects must include both an R21 phase, with milestone-driven development activities, and an R33 phase, with expanded activities that will extend the initial model development, testing, and simulation phase (Phase I) for implementation and evaluation (Phase II) with the end goal of achieving the aims of the entire award. The transition from the R21 to the R33 phase will be based on successful completion of established milestones for the R21 phase and other factors such as program priorities and availability of funds. Applications proposing only R21 or R33 activities will not be accepted under this NOFO.

- **R21 Activities** - Priority activities of the R21 phase include, but are not limited to, the following:

  1. Establish (a) partnerships with community and implementing partners and other interested/affected parties to identify, describe, and understand the problem and (b) expectations with participants about the importance of integrating diverse perspectives to achieve a greater understanding of the problem to be addressed. Interested/affected parties include, but are not limited to, individuals with lived experience, end-users and/or the beneficiaries of the HIV prevention, treatment, or care practices, interventions, or strategies that will be implemented.
  2. In collaboration with data and implementation scientists, community and implementing partners, and other interested/affected parties, clearly define the problem, identify, define, and prioritize key variables, conceptualize the problem (i.e., reference modes), collaboratively reflect on the reference modes to gain insights, and generate a dynamic hypothesis (i.e., reference modes and causal loops) reflecting the problem. Multiple opportunities should be offered for active participation to ensure that the concerns of the partners and interested/affected parties are reflected throughout the process.
  3. Design the model, test, and evaluate using evidence (i.e., data and expertise of the community partners, implementing partners, and others); identify relevant data sources to parameterize the model and any relevant population characteristics (e.g., race/ethnicity, sex/gender) in collaboration with relevant parties.
  4. Use the model to simulate alternative scenarios to forecast the potential impact of implementing one or more strategy(ies), alone or in combination, to be piloted in the R33 phase; using a participatory team science approach, evaluate the trade-offs among competing strategies and establish a consensus for recommended HIV prevention, treatment, or care practices, interventions, or strategies that will be implemented.

- **R33 Activities** - Activities of the R33 phase include, but are not limited to, the following:

  1. Identify, select, and operationalize novel measurement approaches (e.g., observational methods; geospatial data) and metrics to evaluate the implementation processes and HIV-related outcomes (e.g., HIV testing, PrEP uptake); refine measures as appropriate.
  2. Carry out a pilot study to evaluate implementation of one or more strategies identified in the R21 phase. Both implementation and HIV-relevant clinical or behavioral outcomes should be evaluated during the pilot phase. Applicants are encouraged to select implementation and/or HIV-related outcomes at two or more levels of influence (e.g., individual, provider, clinic, health system, etc.).
  3. Compare model simulations with data obtained through the pilot study; engage partners and interested/affected parties in model evaluation, reflections, and insights.
  4. Use innovative methods and strategies to communicate critical insights from the research to inform a future implementation trial.

Transition from the R21 to the R33 phase:

- An initial award will be made for the R21 phase. Successful completion of established milestones will be used to assess potential transition from the R21 to the R33 phase.
- Prior to the end of the R21 phase, grantees must submit a transition package. The transition package must include a progress report describing activities during the R21 phase, completion of the established milestones, and updated plans for the R33 phase based on insights from the R21 phase.
- Transition packages will be reviewed by NIMH DAR staff. The transition from the R21 to the R33 phase will be based on successful completion of established R21 milestones and other factors, such as program priorities and availability of funds. If approved, the R33 will be awarded without the need to submit a new grant application.

Pre-application Webinar

NIMH will host a webinar for all prospective applicants to provide an opportunity to ask questions related to the scientific scope of this NOFO and technical details for applying. Prospective applicants are encouraged to submit their questions regarding the NOFO in advance of the webinar. Further details on where and when to submit the questions will be provided once the webinar has been scheduled. Participants must register for the event but participation in the webinar is optional. Please visit the NIMH website for pre-application information and further details regarding the webinar for this specific NOFO.

Link to Additional Information: https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-24-100.html

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4. Ocean Acidification Program Education Mini-Grant Program, NOAA

Application Due Date:
- **Letters of Intent: September 15, 2023**
- **Full Proposal: February 23, 2024**

Award Budget: up to $50,000 for a period of up to 24 months

The principal objective of NOAA's Ocean Acidification Program (OAP) Education Mini-Grant Program is to provide federal financial assistance to develop ocean and coastal acidification education tools and programs in underserved and/or Indigenous communities or Tribes. Ocean and coastal acidification are emerging issues that will have far reaching impacts on ocean health and long-term sustainability of ecosystems that support human populations. It is critical that educators have access to the latest science information and communication tools on these topics and are able to effectively share the science of ocean and coastal acidification, potential impacts, and positive actions to diverse audiences in an accessible format.

The Education Mini-Grant Program provides funding opportunities that respond to the four goals laid out in the NOAA Ocean Acidification Education Implementation Plan. In response to Goal 1, a comprehensive needs assessment has been conducted to determine strengths, weaknesses and gaps within the landscape of ocean acidification education and outreach programs. Competitive proposals will respond to the gaps identified by this needs assessment and/or respond to the other goals laid out in the NOAA Ocean Acidification Education Implementation Plan. These goals include (Goal 2) prioritize and engage target audiences for ocean acidification education and outreach, (Goal 3) match ocean acidification communication needs with existing research, education and outreach activities, and (Goal 4) develop innovative approaches for community involvement. As outlined in the NOAA Education Strategic Plan, these activities will engage students, particularly from underserved and/or Indigenous communities or Tribes, to increase awareness and interest in education and career pathways in NOAA mission disciplines.

Priorities

Projects in one or more of the areas below will fill those needs that were identified as highest priority in the NOAA Ocean Acidification Education Needs Assessment:

1. Education and outreach products that incorporate data interpretation and/or visualization.
2. Multimedia educational tools (such as video, infographics and apps).
3. Discrete hands-on lab modules that incorporate inquiry-based learning and align with Next Generation Science and/or Common Core Standards to be used in a formal education setting.
4. Protocol or tools for ocean acidification community science programs.

All projects must promote stronger connections between DEIA and ocean and/or coastal acidification as it relates to ocean literacy, stewardship, or workforce development in the United States, particularly in underserved and/or Indigenous communities or Tribes.

Projects that incorporate NOAA or university-generated ocean acidification data, where applicable, are encouraged. Additionally, those that incorporate solutions that are locally and/or regionally relevant are also encouraged. It is recommended that the project proposed feature a collaboration between NOAA educators and/or scientists and educators/scientists from an entity external to NOAA, such as a minority serving institution. Preference will be given to proposals that include a partner from an underserved and/or Indigenous community or Tribal representative as a co-principal investigator.

NOAA supports cultural and gender diversity and encourages applications involving women and minority individuals and groups. In addition, NOAA is strongly committed to broadening the participation of historically black colleges and universities, minority-serving institutions, tribal colleges and universities, Title I schools, and institutions that work in underserved areas. NOAA encourages applications involving any of the above institutions to apply.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=348989

5. Dynamic Language Infrastructure - Documenting Endangered Languages Fellowships, NEH

Application Deadlines:
- **Optional Draft: July 26, 2023**
- **Full Proposal: September 13, 2023**

Award Amount: $30,000 to $60,000 for a grant period of 6 to 12 months

The Dynamic Language Infrastructure–Documenting Endangered Languages (DLI-DEL) program is an interdisciplinary partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) to advance scholarly knowledge concerning endangered human languages.

Preserving the broad range of human languages is vital for understanding human behavior and cognition. Yet roughly half of the world's seven thousand languages are endangered and at risk of extinction. These endangered languages constitute an irreplaceable resource, not only for the communities who speak them, but also for scientists and scholars.

DLI-DEL Fellowships prioritize the collection, analysis, and publication of highly endangered language corpuses or extinct languages closely related to highly endangered languages. NEH funding supports fieldwork and other activities relevant to the digital recording, documenting, archiving, and scholarly analysis of endangered languages, including the preparation of lexicons, grammars, databases, peer-reviewed articles, and monographs. The program aims to leverage advances in information technology and contributes to the development of the next generation of researchers. NEH expects that recipients will archive and maintain language documentation to ensure its long-term availability.

NEH invites applications from individual linguists, linguistic anthropologists, or sociolinguists, and encourages submissions from independent scholars and junior scholars. Applicants should demonstrate a history of collaboration with other scholars and/or community members. Competitive submissions employ state-of-the-art documentation methods; embody exceptional research and rigorous analysis; and clearly articulate the level of endangerment of the language or languages to be studied.

Link to Additional Information: https://www.neh.gov/program/dli-del-fellowships

6. Summer Research Education Experience Program (R25 Clinical Trial Not Allowed), NIH

The NIH Research Education Program (R25) supports research educational activities that complement other formal training programs in the mission areas of the NIH Institutes and Centers. The overarching goals of the NIH R25 program are to: (1) complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs; (2) encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research; (3) help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences; and (4) foster a better understanding of biomedical, behavioral and clinical research and its implications.

The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on:

- **Research Experiences:** For high school students, undergraduate students, and/or science teachers during the summer academic break. Proposed programs should provide authentic "open-ended", hands-on exposure to research in a laboratory or a field setting as part of a comprehensive program based in sound educational practices designed to stimulate the interest and advance the knowledge base of participants. In addition to hands-on research experiences, programs are expected to include complementary activities that support the participants' scientific development, such as scientific writing and presentation skills and training in rigor and reproducibility. Programs should consider the needs of the intended participants and the likelihood of improving their knowledge and/or skills when designing the research program. Programs should have clear goals and objectives appropriate for the educational level of the audience to be reached (high school and/or undergraduate students or science teachers), including the content to be conveyed, and the intended outcome(s). Outcomes for high school and college students may include: to reinforce their intent to graduate with a science degree, prepare them for graduate or medical school admissions, and/or prepare them for careers in research. Support for science teachers will be limited to those programs with a clear plan for how teachers will utilize their summer experience in their teaching during the school year, such as enhancing the STEM curriculum or increasing number of STEM courses taught.

R25 programs that propose at least 8 weeks, but fewer than 15 weeks, of full-time research experiences during the summer may request continued part-time support for the participants to work on their research projects during the school year, up to the equivalent of a total of 15 weeks of full-time participation, as long as the entire research experience is completed within a 12-month period.

Applications that demonstrate the potential to impact students and teachers from diverse backgrounds are particularly encouraged. All programs are expected to promote inclusive research environments (i.e., institutional and departmental environments in which trainees from all backgrounds feel integrated into and supported by the biomedical community.

The proposed program needs to align with the mission of the IC to which the application is submitted and not have a general STEM focus. ICs will not support projects, regardless of the results of merit review, if they do not fulfill current programmatic priorities. Therefore, it is strongly recommended that potential applicants consult scientific/research staff at the intended IC listed in Section VII before preparing an application. For the specific ICs, the following represents mission focus areas (more information can be found in the Table of IC-Specific Information and Contacts page):

- **NIAAA** broadly encourages research that focuses on the following 5 goals: (1) identifying the mechanism of; (2) improve diagnosis and tracking of; (3) develop and improve strategies to prevent; and (4) develop and improve

treatments for alcohol misuse, alcohol use disorder and alcohol-related consequences; and (5) enhance the public health impact of NIAAA-supported research.

- **NIBIB** will support applications focusing on summer research experiences broadly in the areas of biomedical imaging, bioengineering, or health informatics. NIBIB will only support programs for high school science teachers and community college faculty from STEM-related departments, and not for students.

- **NIDA** will support applications focusing on identifying the biological environmental, behavioral, and social causes and consequences of drug use and addiction across the lifespan, including research in basic science. Applications should seek to develop new and improved strategies to prevent drug use and its consequences; new and improved treatments to help people with substance use disorders achieve and maintain a meaningful and sustained recovery, as well as increase the public health impact of NIDA research and programs.

- **NIEHS** will support applications focusing on summer research experiences in the environmental health sciences. Applications to NIEHS should provide research experiences that address or seek to understand how exposures to toxic environmental insults impact health, alter biologic processes, are linked to disease initiation, progression or morbidity, or activities that lead to the development of prevention and intervention strategies to reduce environmentally induced diseases.

- **NINDS** will support applications focusing on summer research experiences that address or seek fundamental knowledge about the brain and nervous system by supporting and conducting research on the healthy and diseased brain, spinal cord, and peripheral nerves and to use that knowledge to reduce the burden of neurological disease. NINDS also encourages activities focused on understanding and addressing disparities in neurologic health, healthcare, and health outcomes in disparate populations, including racial and ethnic minorities, the geographically disadvantaged, sex and gender minorities, and others who have been historically underserved, marginalized, and adversely affected by persistent inequality and socioeconomic disadvantage. NINDS supports basic, translational, and clinical research.

Link to Additional Information: https://grants.nih.gov/grants/guide/pa-files/PAR-21-168.html#_

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7. Facility and Instrumentation Request Process (FIRP), NSF

Application Deadline: Proposals Accepted Anytime
Anticipated Funding Amount:
- **Track 1 (Education and Outreach): up to $75,000. No more than $50,000 of the total budget may be requested for facility use.**
- **Track 2 (Single Facility Request) and Track 3 (Field Campaigns): no funding limits,**

Observational science (including field and laboratory-based research) is critical to improving understanding of the multitude of processes in the Earth's atmosphere. Many observations that are essential to unraveling the mysteries of the atmosphere can only be conducted using expensive platforms and/or highly specialized equipment. To facilitate this science, AGS provides access to a variety of specialized instrumentation and facilities that are supported through the Facilities for Atmospheric Research and Education (FARE) program. The suite of instruments and facilities is a combination of major research facilities (known as the Lower Atmosphere Observing Facilities, LAOF) supported through the National Center for Atmospheric Research (NCAR) and the University of Wyoming, and facilities funded through the Community Instruments and Facilities (CIF) solicitation NSF 20-596. The instruments and facilities that may be requested through the FIRP solicitation, including facility provider or point of contact (POC) are listed here: https://www.nsf.gov/geo/ags/programs/fare/. This list is continuously updated as the suite of available facilities changes.

The FIRP solicitation consists of three Tracks for requesting FARE-supported instrumentation and facilities. These Tracks are primarily based on the complexity of the request and determine the timelines and procedures that should be followed. If there is any ambiguity about which Track a project belongs to, contact the FARE Program (fare@nsf.gov) about

submission Track and timeline. If a proposal is submitted to the wrong Track, the proposal will be Returned Without Review (RWR).

- **Track 1 (Education and Outreach):** Track 1 proposals are requests for limited field or laboratory activities that target education and outreach. Track 1 proposals must include educational activities in formal and/or informal settings aimed at providing hands-on student training in field and/or laboratory based observational research, and/or provide significant public outreach through coordinated events.

    PIs of funded or proposed field campaigns should include education and outreach in their original research proposal and not rely on Track 1 proposals to augment the campaign. The primary focus of Track 1 proposals must be education and outreach; projects with substantial research components should usually be submitted under Track 2 or Track 3.

- **Track 2 (Single Facility Request):** Track 2 proposals are primarily for U.S.-based research projects that require a single CIF, such as a laboratory facility or a single mobile radar/lidar facility, or a single instrument/instrument system within the LAOF facility pool, such as the Integrated Sounding System (ISS). Small international campaigns with straightforward logistics may be requested for Track 2 with approval from the FARE program director.

    Deployments including aircraft or a network of instruments, or multi-year field deployments, are not eligible under Track 2. NSF may accept a multi-year request for the use of laboratory-based equipment as a Track 2 request depending upon the complexity of the request. Final determination will be made by the FARE program after reviewing the Statement of Interest (SoI).

- **Track 3 (Field Campaigns):** Track 3 proposals are for the deployment of major LAOF such as aircraft, multiple CIF, or a combination of LAOF and CIF. A proposal for a multi-year research campaign will fall under Track 3. Examples of Track 3 activities include research aircraft-based deployments, coordinated mobile remote sensing studies, and deployment of observing networks.

Link to Additional Information: https://www.nsf.gov/pubs/2023/nsf23602/nsf23602.htm

8. FY2023 Ocean-Based Climate Resilience, NOAA

Application Deadlines: September 11, 2023
Anticipated Funding Amount:
- **Phase One: up to $250,000 for 9 months**

The Climate Resilience Accelerators component of the IRA will fund accelerator entities to support businesses navigating commercialization pathways for coastal and ocean-based resilience solutions related to NOAA's mission to help communities prepare for, adapt to, and build resilience to climate challenges. The accelerators will support entrepreneurs and startups with training, resources, mentorship, and funding to bring ocean-based climate resilience solutions to market.

Climate resilience focused start-ups and innovative technologies are critical to the growth of the resilience economy in the United States. Start-ups drive technology development, business model innovation, and job creation. However, the market has not demonstrated the ability to provide sufficient capital, business development services, and entrepreneurial training to early-stage climate resilience-focused companies.

The objectives of the NOAA Ocean-Based Climate Resilience Accelerators two-phase opportunity are to:

- Establish a network of ocean-based climate resilience accelerator entities across the nation with coordinated support to better understand how ocean observation technologies and information services can support solutions to climate resilience challenges, enable sustainable business models for US businesses delivering such solutions,

and increase competitive advantages for innovators to meet these challenges.

- Support entrepreneurs and startups that are developing ocean-based climate resilience focused products or services.
- Accelerate and catalyze investment in ocean-based climate resilience-focused businesses by providing funding, where appropriate, as well as access to growth capital and support in networking for innovative technologies and startups.
- Leverage and advance startups and technologies that have already received federal investments (from SBIR/STTR and other BIL and IRA projects) to enable more product and service development and industry adoption.
- Advance diversity, equity, inclusion, and accessibility within ocean-based climate resilience business innovation ecosystems.

Priorities

The NOAA Climate Resilience Accelerators funding opportunity seeks to fund accelerator entities that will support businesses navigating commercialization pathways for ocean-based climate resilience solutions that support NOAA's mission to help communities prepare for, adapt to, and build resilience to climate challenges. NOAA has developed climate resilience theme areas that align with the U.S. Ocean Climate Action Plan (https://www.whitehouse.gov/wp-content/uploads/2023/03/Ocean-Climate-ActionPlan_Final.pdf), and expects results of this opportunity to support relevant actions, such as:

- Maintain and expand ocean basic and applied research, observing networks, modeling, forecasting, synthesis, and technology development.
- Develop new and innovative technologies and information pathways for ocean climate action.
- Expand coastal mapping, monitoring, observational systems, research, and modeling to inform science-based decision-making capabilities and advance use of nature-based solutions.
- Advance research, technologies, and observation systems to support climate-ready marine resources and communities.
- Enhance community resilience to ocean change by developing ocean-based solutions that help communities adapt and thrive in our changing climate.

This funding opportunity announcement addresses Phase One of what will be implemented as a two-phase process.

- Phase One - Scoping and Design of a Climate Resilience Accelerator Program: for scoping, planning, and designing an ocean-based climate resilience-focused accelerator program design that aligns with NOAA mission areas and addresses climate resilience challenges. Applications for Phase One should propose to design a climate resilience accelerator program focused on ocean-based climate resilience solutions, which should include one or more of the following program priorities:

    o Climate Resilience Theme Area: Ocean Renewable Energy
    o Climate Resilience Theme Area: Coastal and ocean carbon sequestration monitoring and accounting
    o Climate Resilience Theme Area: Hazard mitigation and coastal resilience
    o Climate Resilience Theme Area: Ecosystem Services, including change detection, change analysis (cause and effects) and change adaptation and /or mitigation.
    o Other ocean-based climate resilience theme areas, as determined by the applicant.

- Phase Two- Climate Resilience Accelerator Program Implementation: Phase One winners will have the opportunity to apply for funding in Phase Two through a subsequent funding opportunity announcement to be released approximately one month from the start of Phase One with applications due in 150 days.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349164

9. Academic Research Enhancement Award for Undergraduate-Focused Institutions (R15 Clinical Trial Not Allowed), NIH

This funding opportunity announcement aims to support AREA grants to undergraduate-focused institutions that do not receive substantial funding from the NIH, in order to provide biomedical research experiences for undergraduate students and enhance the research environment at these institutions. AREA funds are intended to support new and renewal biomedical research projects proposed by faculty members of eligible institutions.

The three objectives of this FOA are to: (1) provide support for meritorious research at undergraduate-focused institutions or institutional components; (2) strengthen the research environment at these institutions/components; and (3) give undergraduate students an opportunity to gain significant biomedical research experience through active involvement in the research. For the purpose of this announcement, an undergraduate-focused institution/component is one in which the undergraduate enrollment is greater than the graduate enrollment.

The AREA program will enable qualified scientists to receive support for small-scale research projects. 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 so that they consider careers in biomedical research. This AREA FOA 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, collaborative interactions, 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. Inclusion and support of masters and doctoral candidates in these research projects are allowable, but should be carefully considered. In all cases, the majority of students conducting research through the award must be undergraduates. Since diversity strengthens the research environment, AREA projects are encouraged to include students from diverse backgrounds, including those from groups underrepresented in the biomedical research workforce. This FOA does not provide for support of research from Health Professional Schools, regardless of student composition.

An AREA application submitted to this FOA may include other investigators, such as technicians, collaborators or consultants, or other individuals such as high school students, post baccalaureate participants, graduate students, or postdoctoral fellows. However, involvement of such individuals does not fulfill the goal to engage undergraduate students in eligible environments to research.

Institute/Center-Specific Interests

- **NIGMS** - will accept applications for research projects in areas within the Institute's mission.

- **NIAAA** - supports basic, translational, and clinical research on the causes, consequences, prevention, diagnosis, progression, and treatment of alcohol-related problems across the lifespan.

- **NIAID** - supports basic and applied research to better understand, treat, and prevent infectious, immunologic, and allergic diseases, with the goal of developing new therapies, vaccines, diagnostic tests, and other technologies.

- **NLM** - supports innovative research and development in biomedical informatics and data science.

- **NIDA** - supports innovative research addressing critical issues of neuroscience, genetics, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS, and co-occurring opportunistic infections (e.g., viral hepatitis C, tuberculosis, sexually transmitted infections) associated consequences in substance using populations, medication development, or other research areas relevant to drug abuse.

- **NICHD** - supports biological, behavioral, and clinical research related to conception and pregnancy, normal and abnormal development in childhood, reproductive health, population dynamics across the lifespan, and rehabilitation medicine.

- **NCCIH** - has a mission to determine, through rigorous scientific investigation, the usefulness and safety of complementary health approaches, and their roles in improving health and healthcare.

- **NIDCR** - supports basic, translational, and clinical research in dental, oral, and craniofacial health and disease.

- **NIDCD** - supports applications that propose research projects in the normal and disordered processes of hearing, balance, taste, smell, voice, speech, and language.

- **NIA** - will accept applications for research projects in areas within the Institute's mission that includes genetic, biological, behavior, social, and economic research on aging. In addition, NIA encourages applications on Alzheimer's Disease (AD) and AD Related Dementias (ADRD).

- **NIBIB** - will accept applications for research projects that fall within one or more of its Scientific Program Areas.

- **NIMH** - has a mission to transform the understanding and treatment of mental illnesses through basic and clinical research, paving the way for prevention, recovery, and cure.

- **NIAMS** - supports research into the causes, treatment, and prevention of arthritis and musculoskeletal and skin diseases; the training of basic and clinical scientists to carry out this research; and the dissemination of information on research progress in these diseases.

- **NIDDK** - conducts and supports medical research and research training and to disseminate science-based information on diabetes and other endocrine and metabolic diseases; digestive diseases, nutritional disorders, and obesity; and kidney, urologic, and hematologic diseases, to improve people's health and quality of life.

- **NINR** - supports research that builds the scientific foundation for nursing practice and policy across clinical and community settings, and advances the prevention, detection, and management of disease and disability.

- **NIEHS** - supports a variety of scientific disciplines, including basic, mechanistic, clinical, epidemiological, computational, engineering, and/or health risk communication approaches, can be used to advance the NIEHS Strategic Plan.

- **NEI** - supports research aimed at increasing our understanding of the eye, the visual system, and visual function in normal health and disease as well as the special problems and requirements of the blind.

- **NCI** - considers meritorious R15 applications requesting support for cancer research-focused projects across the full spectrum of its mission, including projects focused on studies of cancer biology, etiology, prevention, detection, diagnosis, treatment, control, survivorship, and population sciences.

- **NINDS** - seeks fundamental knowledge about the brain and nervous system and to use that knowledge to reduce the burden of neurological disease. NINDS supports basic, translational, and clinical research within specifically

defined areas of neuroscience.

Link to Additional Information: https://grants.nih.gov/grants/guide/pa-files/PAR-21-155.html

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10. Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools (R15 Clinical Trial Not Allowed), NIH

The three objectives of this opportunity are to: (1) provide support for meritorious research; (2) strengthen the research environment at these institutions; and (3) give health professional, undergraduate and/or graduate students an opportunity to gain significant biomedical research experience through active involvement in the research. For the purposes of this FOA, health professional schools and colleges are accredited institutions that provide education and training leading to a health professional degree, including but not limited to: BSN, MSN, DNP, MD, DDS, DO, PharmD, DVM, OD, DPT, DC, ND, DPM, MOT, OTD, DPT, MS-SLP, CScD, SLPD, AuD, MSPO, MSAT, and MPH. Eligible health professional schools/colleges may include schools or colleges of nursing, medicine, dentistry, osteopathy, pharmacy, veterinary medicine, public health, optometry, allied health, chiropractics, naturopathy, podiatry, rehabilitation medicine, physical therapy, orthotics & prosthetics, kinesiology, occupational therapy and psychology. Accreditation must be provided by a body approved for such purpose by the Secretary of Education.

The REAP program will enable qualified scientists to receive support for small-scale research projects. It is anticipated that investigators supported under the REAP program will benefit from the opportunity to conduct independent research; that the grantee institution will benefit from a research environment strengthened through REAP grants; and that students at recipient institutions will benefit from exposure to and participation in scientific research in the biomedical sciences so that they consider careers in biomedical research. The REAP FOA emphasizes the engagement and inclusion of health professional, undergraduates and/or graduate students in research. Since diversity strengthens the research environment, REAP projects are encouraged to recruit and include students from diverse backgrounds, including those from groups underrepresented in the biomedical research workforce.

The research project must involve health professional, undergraduate and/or graduate students and the research team must be composed primarily of health professional, undergraduate and/or graduate students. Student involvement in the research project may include participation in the design of experiments and controls, collection and analysis of data, execution and troubleshooting of experiments, participation in research meetings, and discussion of future directions. When applicable, it is highly desirable that student participation also include presentation at local and/or national meetings, publication of journal articles, and collaborative interactions. The REAP is a research grant program, not a training or fellowship program. As such, applications should not include training plans such as didactic training or non-research activities relating to professional development.

Institute/Center Specific Interests
- National Heart, Lung, and Blood Institute (NHLBI)
- National Human Genome Research Institute (NHGRI)
- National Institute on Aging (NIA)
- National Institute of Alcohol Abuse and Alcoholism (NIAAA)
- National Institute of Allergy and Infectious Diseases (NIAID)
- National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
- National Institute of Biomedical Imaging and Bioengineering (NIBIB)
- Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
- National Institute on Deafness and other Communication Disorders (NIDCD)
- National Institute of Dental and Craniofacial Research (NIDCR)
- National Institute of Drug Abuse (NIDA)
- National Institute of Environmental Health Sciences (NIEHS)

- National Institute for Mental Health (NIMH)
- National Institute on Minority Health and Health Disparities (NIMHD)
- The National Institute of Neurological Disorders and Stroke (NINDS)
- National Institute of Nursing Research (NINR)
- National Center for Complementary and Integrative Health (NCCIH)
- Office of Research Infrastructure Programs (ORIP)

Link to Additional Information: https://grants.nih.gov/grants/guide/pa-files/PAR-22-060.html

11. Climate Program Office (CPO) NIHHIS FY2024, NOAA

Application Deadlines:
- **Letter of Intent: August 14, 2023**
- **Full Proposal: October 16, 2023**

Award Information: $2.5 M per center for a project period of three years

Climate variability and change present society with significant economic, health, safety, and security challenges. As part of the National Oceanic and Atmospheric Administration (NOAA) climate portfolio within the Office of Oceanic and Atmospheric Research (OAR), the Climate Program Office (CPO) addresses these climate challenges by supporting climate research, observations, monitoring, modeling, assessments, interdisciplinary decision support research, outreach, education, and partnership development. These investments support NOAA's mission of "Science, Service, and Stewardship" and are designed to advance our understanding of the Earth's climate system and to foster the application and use of this knowledge to improve the resilience of our Nation and its partners. The position of CPO at the intersection among NOAA's science and service missions, the climate research community, and the broader climate enterprise enables it to provide strategic vision, lead a research agenda and forge partnerships that enhance society's ability to make effective decisions. CPO also fulfills NOAA's authorized responsibilities under the National Climate Program Act, the Global Change Research Act and its National Climate Assessment, the National Integrated Drought Information System Act, and similar international endeavors such as the World Climate Research Program.

Priorities

This FY24 NOFO is being executed through the National Integrated Heat Health Information System (NIHHIS). NIHHIS is an integrated information system that was jointly developed by the National Oceanic and Atmospheric Administration (NOAA) and the Centers for Disease Control and Prevention (CDC). The NIHHIS Program is run out of NOAA's Climate Program Office. NIHHIS is guided by an interagency steering committee composed of representatives from many federal agencies. For more information about the program, visit Heat.gov.

The National Integrated Heat Health Information System (NIHHIS) is a covered program under the Biden-Harris Administration's Justice40 Initiative, which set a goal that 40 percent of the overall benefits of certain federal investments in climate and clean energy and other areas, flow to disadvantaged communities. As such, NIHHIS strives to achieve this goal by ensuring that 40 percent of the overall benefits of its research investments flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution – as identified by the Climate and Economic Justice Screening Tool, a tool created by the White House Council on Environmental Quality that aims to help federal agencies identify disadvantaged communities as part of the Justice40 Initiative. NIHHIS also strives to create more equitable access to green and blue spaces in accordance with the America the Beautiful Initiative and the Interagency Memorandum of Understanding (MOU) on Promoting Equitable Access to Nature in Nature-Deprived Communities. Applicants to this opportunity are encouraged to address how their proposed work will help NIHHIS achieve these goals.

- **The National Integrated Heat Health Information System (NIHHIS)** - The mission of the National Integrated Heat Health Information System (NIHHIS) is to build understanding of heat, develop science-based solutions, and to improve capacity, communication, and decision-making to reduce heat-related illness and death. NIHHIS envisions a heat-resilient nation empowered to effectively address extreme heat and its impacts.

The two competitions covered by this announcement are as follows:

1. **NIHHIS Center of Excellence - Center for Community Climate & Health Observations, Monitoring & Evaluation**
Building upon years of successful citizen science projects to map Urban Heat Islands in over 60 communities, competition 1 will establish a center that provides community climate science support focused on assisting community-serving organizations and their partners in conducting community climate & health studies. This center will provide financial and technical assistance to community-serving and community-based organizations (e.g. environmental justice organizations, local governments, science museums, universities) interested in observing, monitoring, and evaluating the many factors influencing heat risk at a local scale. In particular, this center will support the design and execution of community science projects that deploy new observational technologies and survey instruments, as well as make use of existing observations and datasets in support of community resilience to extreme heat. An important goal for this center will be to implement and advance methods and protocols for community climate science that enable community-based projects to be contributions to the larger evidence base for making decisions that reduce climate risks.

2. **NIHHIS Center of Excellence - Center for Climate and Health Assessments, Policy, and Practice**
Building upon community-based observations and engagement (such as that enabled by the center in competition 1), competition 2 will establish a center to support evidence-based community action for heat resilience decision-making via applied climate and health research and analysis. This center will provide technical assistance to community leaders and decision/policy makers (e.g. local governments) that may lack the capacity or specialized expertise in-house to monitor, model, and assess heat's many impacts as well as to simulate, project, or otherwise evaluate the effectiveness of a collection of potential plans, policies, and other actions to reduce heat risk. In addition to supporting action in communities, an important goal for this center will be to synthesize and share lessons learned and best practices to add to the state of the science on the effectiveness of heat interventions and promote scalable and effective heat action in any community.

Competitions 1 and 2 (the centers) will create virtual centers that will provide scientific support services to community-serving, community-based, and government entities working to address community climate and health issues (with a focus on heat and health) via targeted projects. The centers will be expected to offer baseline services at no additional charge (they will be funded by the award from this competition). The applicant may also offer fee-based complementary or supplemental services that are beyond the scope of the award so long as a distinction is clearly made. The centers must have a discoverable public presence (including a website and contact email) and should build on existing programs or capabilities (e.g. the center web site should be integrated into heat.gov). A physical location is not required for the center. Applications to either competition are encouraged to consider how the centers could build on each other, such as by facilitating sequential community applications for support to from centers (e.g. collecting baseline data via center 1, using it to inform decision-making via center 2, collecting additional data for evaluation via center 1, and using it to inform evaluations of effectiveness via center 2). NIHHIS will work with the ultimate awardees to facilitate collaboration between the potential centers and synchronize community application processes via heat.gov. Applicants to this NOFO may write proposals to host a center under either of the competitions herein, but the proposals must be separate and able to stand alone (for example, if proposing to competitions 1 and 2 to create a joint center, a proposal to each competition is still needed).

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349199

Non-Scientific Forecasted Opportunities

1. **National Leadership Grants for Libraries, IMLS**

The National Leadership Grants for Libraries Program (NLG-L) supports projects that address critical needs of the library and archives fields and have the potential to advance practice and strengthen library and archival services for the American public. Successful proposals will generate results such as new models, tools, research findings, services,

practices, and/or alliances that can be widely used, adapted, scaled, or replicated to extend and leverage the benefits of federal investment.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349005

2. **Laura Bush 21st Century Librarian Program, IMLS**

The Laura Bush 21st Century Librarian Program (LB21) supports the training and professional development of library and archives professionals; developing faculty and information leaders; and recruiting, educating, and retaining the next generation of library and archives professionals in order to develop a diverse workforce of library and archives professionals and meet the information needs of their communities.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349007

3. **Collaborative Research, NEH**

The Collaborative Research program supports groups of two or more scholars seeking to increase humanistic knowledge through convenings, manuscript preparation for collaborative publications, the creation of scholarly digital projects, or the planning of an international collaboration Projects must pursue significant research questions and lead to a tangible interpretive product. The collaborative work can be rooted in a single field or cross disciplines.

Link to Additional Information: https://www.neh.gov/grants/research/collaborative-research-grants

4. **Digital Humanities Advancement Grants, NEH**

The Digital Humanities Advancement Grants program supports innovative, experimental, and/or computationally challenging digital projects leading to work that can scale to enhance scholarly research, teaching, and public programming in the humanities.

Link to Additional Information: https://www.neh.gov/grants/odh/digital-humanities-advancement-grants

Scientific Forecasted Opportunities

1. **Evidence-Based Telehealth Network Program, DHHS / HRSA**

The purpose of this program is to demonstrate how telehealth networks are used to: (a) expand access to, coordinate, and improve the quality of health care services; (b) improve and expand the training of health care providers; and/or (c) expand and improve the quality of health information available to health care providers, and patients and their families, for decision-making.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349061

2. **Ryan White HIV/AIDS Program Part C Capacity Development Program, DHHS / HRSA**

The purpose of this program is to strengthen organizational capacity to respond to the changing health care landscape and to increase capacity to develop, enhance, or expand access to high quality HIV primary health care services for low-income people with HIV.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349056

3. **Quality Improvement Fund, DHHS / HRSA**

The purpose of QIF funding is to support health centers to develop and pilot innovative, patient centered, scalable models of care delivery to reduce health disparities and address the clinical and health related social needs of patients.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349021

4. **Opioid-Impacted Family Support Program (OIFSP), DHHS/ HRSA**

The purpose of this program is to support training programs that enhance and expand paraprofessionals knowledge, skills and expertise, and to increase the number of peer support specialists and other behavioral health-related paraprofessionals who work on integrated, interprofessional teams in providing services to children whose parents are impacted by opioid use disorders (OUD) and other substance use disorders (SUD), and their family members who are in guardianship roles. Additionally, a special focus is on demonstrating knowledge and understanding of the specific concerns for children, adolescents and transitional aged youth in high need and high demand areas who are at risk for mental health disorders and SUDs.

Link to Additional Information: https://www.grants.gov/web/grants/view-opportunity.html?oppId=349135

Proposals Accepted Anytime

1. Division of Environmental Biology, NSF
   https://www.nsf.gov/pubs/2022/nsf22541/nsf22541.pdf

2. Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences, NSF
   https://beta.nsf.gov/funding/opportunities/computational-and-data-enabled-science-and-engineering-mathematical-and

3. Condensed Matter and Materials Theory (CMMT), NSF
   https://www.nsf.gov/pubs/2022/nsf22610/nsf22610.htm#pgm_desc_txt

4. Division of Materials Research: Topical Materials Research Programs (DMR: TMRP), NSF
   https://www.nsf.gov/pubs/2022/nsf22609/nsf22609.htm

5. Research in the Formation of Engineers, NSF
   https://beta.nsf.gov/funding/opportunities/research-formation-engineers-rfe

6. Computer and Information Science and Engineering (CISE): Core Programs, NSF – Small Projects
   https://www.nsf.gov/pubs/2022/nsf22631/nsf22631.htm

7. Manufacturing Systems Integration (MSI), NSF
   https://beta.nsf.gov/funding/opportunities/manufacturing-systems-integration-msi

8. Cybersecurity Innovation for Cyberinfrastructure (CICI), NSF
   https://www.nsf.gov/pubs/2023/nsf23532/nsf23532.htm

9. Division of Molecular and Cellular Biosciences Core Programs (MCB), NSF
   https://www.nsf.gov/pubs/2023/nsf23548/nsf23548.htm

10. Division of Integrative Organismal Systems Core Programs, NSF
    https://www.nsf.gov/pubs/2023/nsf23547/nsf23547.htm

11. Electronics, Photonics and Magnetic Devices (EPMD), NSF
    https://beta.nsf.gov/funding/opportunities/electronics-photonics-magnetic-devices-epmd-0

12. Plant Genome Research Program (PGRP), NSF
https://www.nsf.gov/pubs/2023/nsf23559/nsf23559.htm#elig

13. Communications, Circuits, and Sensing-Systems (CCSS), NSF
https://beta.nsf.gov/funding/opportunities/communications-circuits-sensing-systems-ccss-0

14. Fluid Dynamics, NSF
https://beta.nsf.gov/funding/opportunities/fluid-dynamics-2

15. Biophotonics, NSF
https://beta.nsf.gov/funding/opportunities/biophotonics-2

16. Environmental Sustainability, NSF
https://beta.nsf.gov/funding/opportunities/environmental-sustainability-2

17. Particulate and Multiphase Processes, NSF
https://beta.nsf.gov/funding/opportunities/particulate-multiphase-processes-2

18. Interfacial Engineering, NSF
https://beta.nsf.gov/funding/opportunities/interfacial-engineering-0

19. Nanoscale Interactions, NSF
https://beta.nsf.gov/funding/opportunities/nanoscale-interactions-0

20. Combustion and Fire Systems (CFS), NSF
https://new.nsf.gov/funding/opportunities/combustion-fire-systems-cfs

21. Infrastructure Innovation for Biological Research (Innovation), NSF
https://www.nsf.gov/pubs/2023/nsf23578/nsf23578.htm

22. Infrastructure Capacity for Biological Research (Capacity), NSF
https://www.nsf.gov/pubs/2023/nsf23580/nsf23580.htm

23. Energy, Power, Control, and Networks (EPCN), NSF
https://new.nsf.gov/funding/opportunities/energy-power-control-networks-epcn-0

24. Engineering of Biomedical Systems, NSF
https://new.nsf.gov/funding/opportunities/engineering-biomedical-systems-0

25. Catalysis, NSF
https://new.nsf.gov/funding/opportunities/catalysis-2

26. Process Systems, Reaction Engineering, and Molecular Thermodynamics, NSF
https://new.nsf.gov/funding/opportunities/process-systems-reaction-engineering-molecular-2

27. Disability and Rehabilitation Engineering (DARE), NSF
https://new.nsf.gov/funding/opportunities/disability-rehabilitation-engineering-dare-2

28. Cellular and Biochemical Engineering, NSF
https://new.nsf.gov/funding/opportunities/cellular-biochemical-engineering-0

Announcing Previous Important Funding Opportunities

1. ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions (ADVANCE), NSF
   Deadline: August 7, 2023
   https://www.nsf.gov/pubs/2020/nsf20554/nsf20554.htm

2. American Latino Museum Internship and Fellowship Initiative, IMLS
   Deadline: August 7, 2023
   https://www.imls.gov/sites/default/files/2023-06/fy23-oms-almifi-nofo.pdf

3. University Training and Research for Fossil Energy and Carbon Management, Dept. of Energy
   Deadline: August 7, 2023
   https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx

4. Media Projects, NEH
   Deadline: August 9, 2023
   https://www.neh.gov/program/media-projects

5. Public Humanities Projects, NEH
   Deadline: August 9, 2023
   https://www.neh.gov/grants/public/public-humanities-projects

6. Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program - Food and Human Health, USDA/NIFA
   Deadline: August 10, 2023
   https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-foundational-applied-science

7. Health Equity Leadership Development Initiative, DHHS
   Deadline: August 10, 2023
   https://www.grants.gov/web/grants/view-opportunity.html?oppId=342717

8. Innovative Technology Experiences for Students and Teachers (ITEST), NSF
   Deadline: August 11, 2023
   https://www.nsf.gov/pubs/2022/nsf22585/nsf22585.htm

9. NIH Support for Conferences and Scientific Meetings (Parent R13 Clinical Trial Not Allowed), NIH
   Deadline: August 12, 2023
   https://grants.nih.gov/grants/guide/pa-files/PA-21-151.html

10. Archival Projects, National Historical Publications & Records Commission- National Archives
    Deadline: August 15, 2023
    https://www.archives.gov/nhprc/announcement/archival.html

11. Research and Extension Experiences for Undergraduates (REEU)
    Deadline: August 17, 2023
    https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development

12. Research in the Education Sciences and Using Longitudinal Data To Support State Education Policymaking Grant Programs, Department of Education
    Deadline: August 17, 2023

https://www.govinfo.gov/content/pkg/FR-2023-06-06/pdf/2023-11915.pdf

13. Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program - Foundational Knowledge of Plant Products, USDA/NIFA
Deadline: August 17, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-foundational-applied-science

14. Decision, Risk and Management Sciences (DRMS), NSF
Deadline: August 18, 2023
https://new.nsf.gov/funding/opportunities/decision-risk-management-sciences-drms-0

15. Assessing and Predicting Technology Outcomes (APTO), NSF
Deadline: August 21, 2023
https://www.nsf.gov/pubs/2023/nsf23600/nsf23600.htm

16. Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program - Food Safety and Defense, USDA/NIFA
Deadline: August 24, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-foundational-applied-science

17. Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program - Diet, Nutrition and the Prevention of Chronic Diseases, USDA/NIFA
Deadline: August 24, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-foundational-applied-science

18. NIDDK Catalyst Award (DP1 Clinical Trial Not Allowed), NIH
Deadline: August 28, 2023
https://grants.nih.gov/grants/guide/rfa-files/RFA-DK-23-014.html

19. Division of Chemistry: Disciplinary Research Programs (CHE-DRP), NSF
Deadline:
   - **CAT, CSDM-B and SYN: September 1 - September 30, 2023**
   - **CMI, ECS and MSN: October 1 - October 31, 2023**
https://www.nsf.gov/pubs/2022/nsf22605/nsf22605.htm

20. Cyberinfrastructure Technology Acceleration Pathway (CITAP), NSF
Deadline: September 6, 2023
https://www.nsf.gov/pubs/2023/nsf23597/nsf23597.htm

21. Humanities Connections, NEH
Deadline: September 7, 2023
https://www.neh.gov/grants/education/humanities-connections

22. Of the People: Widening the Path: Connecting Communities Digital Initiative – Libraries, Archives and Museums, The Library of Congress
Deadline: September 7, 2023
https://grants.nih.gov/grants/guide/pa-files/PA-21-151.html

23. Of the People: Widening the Path: Connecting Communities Digital Initiative – Higher Education, The Library of

Congress
Deadline: September 7, 2023
https://www.govinfo.gov/content/pkg/FR-2023-04-19/pdf/2023-08249.pdf

24. Multidisciplinary Research Program of the University Research Initiative (MURI), Department of Defense
Deadline: September 8, 2023
https://www.grants.gov/web/grants/view-opportunity.html?oppId=346282

25. Community Infrastructure for Research in Computer and Information Science and Engineering (CIRC), NSF
Deadline: September 8, 2023
https://www.nsf.gov/pubs/2023/nsf23589/nsf23589.htm

26. Professional Development for Agricultural Literacy (PDAL)
Deadline: September 14, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development

27. Faculty Development in geoSpace Science (FDSS), NSF
Deadline: September 18, 2023
https://www.nsf.gov/pubs/2023/nsf23577/nsf23577.htm

28. Workplace Equity for Persons with Disabilities in STEM and STEM Education, NSF
Deadline: September 19, 2023
https://www.nsf.gov/pubs/2023/nsf23593/nsf23593.htm

29. Agricultural Workforce Training at Community Colleges (AWT)
Deadline: September 21, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development

30. NSF Boosting Research Ideas for Transformative and Equitable Advances in Engineering (BRITE), NSF
Deadline: September 28, 2023
https://www.nsf.gov/pubs/2023/nsf23592/nsf23592.htm

31. Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII), NSF
Deadline: September 30, 2023
https://www.nsf.gov/pubs/2023/nsf23576/nsf23576.htm

32. Maximizing Investigators' Research Award (MIRA) for Early-Stage Investigators (ESI) (R35 - Clinical Trial Optional), NIH
Deadline: October 3, 2023; February 1, 2024
https://grants.nih.gov/grants/guide/pa-files/PAR-23-145.html

33. Advanced Technological Education (ATE), NSF
Deadline: October 5, 2023
https://www.nsf.gov/pubs/2021/nsf21598/nsf21598.htm

34. Research With Activities Related to Diversity (ReWARD) (R01 Clinical Trial Optional), NIH
Deadline: October 5, 2023
https://grants.nih.gov/grants/guide/pa-files/PAR-23-122.html

35. Racial Equity in STEM Education (EDU Racial Equity), NSF

36. Major Research Instrumentation (MRI) Program: Instrument Acquisition or Development, NSF
Deadline Window Date(s): October 16, 2023 - November 15, 2023
https://www.nsf.gov/pubs/2023/nsf23519/nsf23519.htm

37. Academic Research Enhancement Award for Undergraduate-Focused Institutions (R15 Clinical Trial Required), NIH
Deadline: October 25, 2023
https://grants.nih.gov/grants/guide/pa-files/PAR-21-154.html

38. Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES), NSF
Deadline: October 30, 2023
https://www.nsf.gov/pubs/2022/nsf22622/nsf22622.htm

39. Discovery Research PreK-12 (DRK-12), NSF
Deadline: November 8, 2023
https://www.nsf.gov/pubs/2023/nsf23596/nsf23596.htm#elig

40. NIDA REI: Racial Equity Visionary Award Program for Research at Minority Serving Institutions on Substance Use and Racial Equity (DP1 Clinical Trial Optional), NIH
Deadline: November 14, 2023
https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-23-031.html

41. Centers of Research Excellence in Science and Technology (CREST Centers), NSF
Deadline: December 1, 2023
https://www.nsf.gov/pubs/2023/nsf23595/nsf23595.htm

42. Food and Agricultural Non-Formal Education (FANE)
Deadline: December 7, 2023
https://www.nifa.usda.gov/grants/funding-opportunities/agriculture-food-research-initiative-education-workforce-development

43. Research and Mentoring for Postbaccalaureates in Biological Sciences (RaMP), NSF
Deadline: January 18, 2024
https://www.nsf.gov/pubs/2023/nsf23514/nsf23514.htm

44. Measures and Methods to Advance Research on Minority Health and Health Disparities-Related Constructs (R01 Clinical Trial Not Allowed), NIH
Deadline: February 5, 2024
https://grants.nih.gov/grants/guide/pa-files/PAR-22-072.html

45. NLM Grants for Scholarly Works in Biomedicine and Health (G13 Clinical Trial Not Allowed), NIH
Deadline: February 26, 2024
https://grants.nih.gov/grants/guide/pa-files/PAR-23-183.html

46. STEM Program, Office of Naval Research
Deadline: April 2, 2024
https://www.grants.gov/web/grants/view-opportunity.html?oppId=347274

47. BRAIN Initiative: Development and Validation of Novel Tools to Probe Cell-Specific and Circuit-Specific Processes

in the Brain (R01 Clinical Trial Not Allowed), NIH
Deadline: June 7, 2024
https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-24-280.html

48. Measurement Science and Engineering (MSE) Research Grant Programs, National Institute of Standards & Technology (NIST)
Deadline: Applications will be accepted and considered on a rolling basis as they are received.
https://www.grants.gov/web/grants/view-opportunity.html?oppId=347512

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