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Limited Grant Opportunities

The NIH Science Education Partnership Award (SEPA) is an R25 (education project) with no clinical trial accepts one application per institute of higher education. The opportunity will support “creative educational activities with primary focus on:

- Courses for Skills Development
- Research Experiences
- Mentoring Activities
- Curriculum or Methods Development
- Outreach”


NSF Advancing Digitization of Biodiversity Collections – Divisions of Biological Sciences and Geo Sciences – Solicitation 15-576
Notice of intent 7/30/2020 with the agency deadline 10/09/2020 – only one

“This program seeks to enhance and expand the national resource of digital data documenting existing vouchered biological and paleontological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouchered scientific collections across the United States.” Only one Thematic Collections Networks (TCN) proposal may be submitted by any one organization as the lead organization. Organizations may be involved in more than one collaborative effort as a non-lead proposal.

Education Research Grants

Enhancing Science, Technology, EnginEering, and Math Educational Diversity (ESTEEMED) Research Education Experiences – NIH R25 DUE July 24 (unrequired LOI was due May 22).

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on:

- Courses for Skills Development
- Research Experiences

For undergraduate freshmen and sophomores from diverse backgrounds, including those from groups under-represented in bioengineering or STEM fields relevant to bioengineering, such as engineering or the physical/computational sciences, which play key roles in biomedical technologies and innovation.
Funding Opportunities

**Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)**  
Engaged Student Learning Level I **DUE August 4**; Institutional and Community Capacity Building **DUE August 4**

**Innovative Technology Experiences for Students and Teachers (ITEST) – NSF** **DUE August 14**  
ITEST seeks proposals that pursue innovative instructional approaches and practices in formal and informal learning environments, in close collaboration with strategic partnerships. ITEST proposals should broaden participation of all students, particularly those in underrepresented and underserved groups in STEM fields and related education and workforce domains. ITEST supports three types of projects: (1) Exploring Theory and Design Principles (ETD); (2) Developing and Testing Innovations (DTI); and (3) Scaling, Expanding, and Iterating Innovations (SEI). ITEST also supports Synthesis and Conference proposals.

**Education Research Grants Programs (84.305A) – IES** **LOI DUE June 11; FP DUE August 20.** The IES welcome applications one time each year. The Education Research Grants Program presents 14 topics of interest: Career and Technical Education; Civics Education and Social Studies; Cognition and Student Learning; Early Learning Programs and Policies; Effective Instruction; English Learners; Improving Education Systems; Literacy; Postsecondary and Adult Education; STEM; and, Social and Behavioral Context for Academic Learning.

**Research Experiences for Undergraduates (REU): Sites and Supplements – NSF** **DUE August 26**  
REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) **REU Sites** are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU 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. Proposals with an international dimension are welcome. (2) **REU Supplements** may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects.

**Agriculture and Food Research Initiative – Education and Workforce Development (EWD) – USDA AFRI** **DUE September 24**  
The EWD focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences. In FY 2020, EWD invites applications in five areas: professional development for agricultural literacy; training of undergraduate students in research and extension; fellowships for predoctoral candidates; fellowships for postdoctoral scholars, and a brand new program for agricultural workforce training.

**Environmental and Life Sciences**

**Congressionally Directed Medical Research Programs – Peer Reviewed Alzheimer’s Disease Research Program – DoD**  
**Pre-application DUE June 22 full proposal DUE July 21.** The FY20 PRARP LEAP-InCASA supports multi-institutional, harmonized research initiatives. As such, applications to the FY20 PRARP LEAP-InCASA require a Coordinating Center and a minimum of
Funding Opportunities

two Partnering Sites, representing three separate institutions within the application package. While the Coordinating Center provides overall infrastructure and support, each Partnering Site should develop its own unique research initiative that will be part of the overall project. While each Partnering Site will develop its own unique research initiative, the overall project must focus on a single symptomatology category as described later in this section. The application should also demonstrate the study team’s experience in both TBI and/or AD/ADRD research, as appropriate. Given the patient-centered intent of the FY20 PRARP LEAP-InCASA, animal research is prohibited.

**Climate Program Office Grants – NOAA** LOI August 28 CPO supports competitive research through three major program areas: Earth System Science and Modeling (ESSM); Climate and Societal Interactions (CSI); and Communication, Education and Engagement (CEE).

**Recovery Implementation Grant – DOI Fish and Wildlife Service** DUE Sept 4. The principal objective of this Recovery Implementation funding opportunity is to promote and support the implementation of recovery plans for federally endangered and threatened species.

**Humanities, Fine Arts & Communication**

**Grants for Arts Projects – NEA** DUE July 9 These grants support artistically excellent projects that celebrate our creativity and cultural heritage, invite mutual respect for differing beliefs and values, and enrich humanity. Cost share/matching grants generally range from $10,000 to $100,000. A minimum 1:1 match equal to the grant amount is required.

**Humanities Initiative at Colleges and Universities – NEH Division of Education Programs** DUE July 16. Projects must be organized around a core topic or set of themes drawn from such areas of study in the humanities as history, philosophy, religion, literature, and composition and writing skills. Aim to develop new humanities programs, resources (including those in digital format), or courses, or enhance existing ones.

**NEH Summer Stipend 2021** The link should open a PDF. Please follow the guidelines to prepare an application for nomination and submit by July 24 no later than 2:00 PM to betcherg@ecu.edu

**Media Projects: Development Grants – NEH Division of Public Programs** DUE August 12. The program supports the collaboration of media producers and scholars to develop humanities content and to prepare documentary film, television, radio, and podcast projects that engage public audiences with humanities ideas in creative and appealing ways. Awards should result in a script (for documentary film or television programs) or a detailed treatment (for radio programs or podcasts) and may also yield a plan for outreach and public engagement.

**Human-Environment and Geographical Sciences Program (HEGS) – NSF** DUE August 18. Open to faculty and to Junior Faculty, the HEGS Program recognizes that geography is a broad discipline that includes the natural sciences, the social sciences and the humanities. HOWEVER the opportunity would be unsuccessful without the natural sciences.
Support for New Faculty

**High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)** DUE Anytime

OPEN to Junior Faculty who must contact the cognizant NSF Program Director before submitting an HRRBAA proposal. Anthropological research may be conducted under unusual circumstances, often in distant locations. As a result, the ability to conduct potentially important research may hinge on factors that are impossible to assess from a distance and some projects with potentially great payoffs may face difficulties in securing funding. This program gives small awards that provide investigators with the opportunity to assess the feasibility of an anthropological research project. It is required that the proposed activity be clearly high risk in nature. The information gathered may then be used as the basis for preparing a more fully developed research program.

**NIH Exploratory/Developmental Research Grant Program – R21** DUE June 16 or Oct. 16

PA-20-195, Parent R21 Exploratory/Developmental Grant, Clinical Trial Not Allowed
PA-20-196, Parent R21 Exploratory/Developmental Grant, Basic Experimental Studies with Humans Required

The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. This Parent Funding Opportunity Announcement requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.

**Small Grants, Russell Sage Foundation**, Rolling Deadline Projects must contribute to RSF's mission to improve social and living conditions in the United States. Appropriate projects must demonstrate use of relevant theory, data, methods and measures in the research design. In all cases, proposed projects must address research issues that are relevant to the Foundation’s core programs in Social, Political, and Economic Inequality; Behavioral Economics; Future of Work; or Race, Ethnicity and Immigration.

Eligibility for the Small Grant Applicants must be advanced doctoral students, post-doctoral fellows, or non-tenured junior faculty members who are no more than two years beyond the receipt of their Ph.D. (or equivalent graduate degree). There are no limitations on the disciplinary background of the researcher.

**NSF-Wide Opportunities**

**NSF Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)** DUE July 13 will support Planning Grants to build capacity for the development of collaborative infrastructure to: (a) facilitate innovative partnerships, networks, and theories of action for broadening participation in science,
Funding Opportunities

technology, engineering, and mathematics (STEM) at scale and (b) lead to the establishment of
future centers, alliances, or other large-scale networks to address a broadening participation
challenge. While this solicitation is open to all, NSF INCLUDES Design and Development Launch
Pilots are especially encouraged to apply, as a Planning Grant could serve as an intermediate conduit
for bringing their exploratory pilot work to scale.

Faculty Early Career Development Program (CAREER) – NSF DUE July 27. All CAREER
proposals should describe an integrated path that will lead to a successful career as an outstanding
researcher and educator. This premier program emphasizes the importance the Foundation places
on the early development of academic careers dedicated to stimulating the discovery process in
which the excitement of research is enhanced by inspired teaching, enthusiastic learning, and
disseminating new knowledge.

Opportunities for Promoting Understanding through Synthesis (OPUS) – NSF DUE August
3 The OPUS program provides an opportunity for an individual or a group of investigators to revisit and
synthesize a significant body of their prior research or data they have previously collected to enable new
understanding. This program is appropriate for scientists at any career stage and for any synthetic activities
that aim to produce unique, integrated insight useful to the scientific community, now and in the future.

Physical Sciences Opportunities

Small Research Grant Program – R03 - NIH (no clinical trial) DUE June 16 The NIH Small
Research Grant Program supports small research projects that can be carried out in a short period of
time with limited resources. This program supports different types of projects including pilot and
feasibility studies; secondary analysis of existing data; small, self-contained research projects;
development of research methodology; and development of new research technology.

Congressionally Directed Medical Research Programs – Peer Reviewed Cancer Research
Program – Transformative Breast Cancer Consortium Award Pre Application DUE June 24.
This award requires a team-based approach by a consortium of exceptional researchers and
advocates, whose collaborative efforts will make a transformative impact in breast cancer. The
transformation intended by the consortium must be in people’s lives, and not in the healthcare or
research system.

The consortium should have at least four, but no more than five, teams investigating different
projects under a central hypothesis. No more than two teams may be based at one institution. Each
team’s work must be integrated within the consortium so that every component is working toward
the consortium’s central hypothesis. Note: This award is not intended to replace, supplement,
duplicate, or compete with other collaborative research efforts, such as the National Cancer Institute
(NCI) Specialized Programs of Research Excellence (SPOREs), and it should not represent a
collection of related Program Project grants or subprojects.
Funding Opportunities

The proposed consortium’s work is expected to be innovative; the Transformative Breast Cancer Consortium Award will include funds for “seed projects” to pursue brand new, high-risk/high reward concepts during the award period.

**NSF-CBMS Regional Research Conferences in Mathematical Sciences – DUE June 26.** To stimulate interest and activity in mathematical sciences research, the National Science Foundation anticipates supporting up to ten NSF-CBMS Regional Research Conferences annually. The Conference Board of the Mathematical Sciences (CBMS) publicizes conferences and administers the dissemination of related conference materials, fostering greater exposure to cutting edge-topics and increasing the impact of the conferences in the community. The continuing success and strength of the CBMS conference series owes to certain distinguishing features which differentiate these conferences from typical research conferences. These are:

1. **Focus on a single important and timely area of research by a leading practitioner.**
2. **Published conference materials for a wider audience.**
3. **Continued effect and local stimulation through regional emphasis.**

**Partnerships for Innovation (PFI) – NSF DUE July 8** Presents two tracks: the Technology Translation track – to translate previously NSF funded research results into technological innovations with promising commercial potential and societal impact. The Research Partnerships track support complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-org, interdisciplinary, synergistic collaboration.

**Interfacial Engineering – NSF DUE Anytime** The goal of the Interfacial Engineering program is to support fundamental research on atomic- and molecular-scale interfacial phenomena and engineering of interfacial properties, processes, and materials. Fundamental understanding of the thermodynamic, kinetic, and transport properties of interfacial systems underpins improvements in chemical process efficiency and resource utilization. As such, proposed research should have a clear vision for how the results will translate to practice in or otherwise advance industrial chemical or biochemical processes. The program encourages proposals that present new approaches to long-standing challenges or address emerging research areas and technologies. Collaborative and interdisciplinary proposals are also encouraged, particularly those that involve a combination of experiment with theory or modeling.

**Nanoscale Interactions DUE Anytime** This solicitation is a part of the Environmental Engineering and Sustainability cluster. The goal of the Nanoscale Interactions program is to support research to advance fundamental and quantitative understanding of the interactions of nanomaterials and nanosystems with biological and environmental media.

Materials of interest include one- to three-dimensional nanostructures, heterogeneous nano-bio hybrid assemblies, dendritic and micelle structures, quantum dots, and other nanoparticles. Such nanomaterials and systems frequently exhibit novel physical, chemical, photonic, electronic, and biological behavior as compared to the bulk scale. Collaborative and interdisciplinary proposals are encouraged.
Funding Opportunities

Social and Behavioral Sciences

**Special Education Research (84.324A) – IES** LOI DUE June 11 Application DUE August 20
The program welcomes applications one time each year. General categories of research covered under the program include Cognition and Student Learning; Early Intervention and Early Learning; Educators and School-Based Service Providers; Families of Children with Disabilities; Reading, Writing, and Language; STEM; Social, Emotional, and Behavioral Competence; Systems, Policy, and Finance; and, Transition to PSE, Career, and/or Independent Living.

**The Science of Learning and Augmented Intelligence Program – NSF Division of Behavioral and Cognitive Sciences** – DUE July 8 The program supports potentially transformative research that develops basic theoretical insights and fundamental knowledge about principles, processes and mechanisms of learning, and about augmented intelligence - how human cognitive function can be augmented through interactions with others, contextual variations, and technological advances. The program supports research addressing learning in individuals and in groups, across a wide range of domains at one or more levels of analysis including: molecular/cellular mechanisms; brain systems; cognitive, affective, and behavioral processes; and social/cultural influences.

**Decision Making and Human Behavior in Context, Russell Sage Foundation**, Letter of Interest DUE August 20 This initiative will support research proposals from multiple methodological perspectives that will further our understanding of decision making processes and human behavior in the contexts of work, race, ethnicity, immigration, and social inequality, broadly conceived, in the U.S. Priority will be given to research related to our core programs and other special initiatives. Limited consideration will be given to projects that test well-established behavioral effects without examining the overarching context or the underlying mechanisms.

**Human-Environment and Geographical Sciences Program – NSF** DUE August 28. The Directorate for Social, Behavioral and Economic Sciences Division of Behavioral and Cognitive Sciences introduces the HEGS as formally the GSS opportunity. The objective of HEGS program is to support basic scientific research about the nature, causes, and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales. Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Recognizing the breadth of the field’s contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research.

**The Lumina Foundation** accepts Letter(s) of Interest on an open basis. Of significant interest is social change around Lumina Impact Ventures. Focus areas include quality learning, racial equity, research and evaluation, talent development (community based), and affordable learning.

**Supplemental Support**

W-Hub gb 06/03/2020
Funding Opportunities

Other Proposals Accepted at Any Time

**Atmospheric Chemistry** – NSF

**Climate and Large-Scale Dynamics** – NSF

**Democracy Small Grants Program General Competition** – U.S. Embassy Ukraine

**Division of Environmental Biology (core programs) (DEB)** – NSF

**Division of Integrative Organismal Systems of Core Programs** - NSF

**Earth Sciences (EAR/IF) Instrumentation and Facilities Program** - NSF

**Facilitating Research at Primarily Undergraduate Institutions: Research in Undergraduate Institutions (RUI) and Research Opportunity Awards (ROA)** – NSF

**High-Risk Research in Biological Anthropology and Archaeology** – NSF

**Hydrologic Sciences Program** – NSF

**Increase Higher Education Attainment** – Lumina Foundation – LOI Year Round.

**Long Term Research in Environmental Biology** – NSF

**National Energy Technology** – DOE.

**NSF/FDA Scholar-in-Residence at FDA**

**Veterans’ Employment and Training – Stand Down Grant Award** – Department of Labor.

Other News

**NIH Sample Grant Applications, Summary Statements, and More**

**NSF-Approved Formats for the Biographical Sketch**

**NSF-Approved Formats for Current and Pending Support**

**An updated eRA Commons** website informs applicants, grantees and reviewers about how to navigate its needed systems.

**Data Tables for use with Institutional Research Training grant applications**

Search Federal Agency Program Deadlines
Administration for Community Living: [https://www.acl.gov/grants](https://www.acl.gov/grants)

NCBC Deadlines: [http://www.nebiotech.org/research-grants/research-funding](http://www.nebiotech.org/research-grants/research-funding)

NEH Grant Deadlines: [http://www.neh.gov/grants](http://www.neh.gov/grants)
Funding Opportunities

HHS Grants Forecast: https://forecast.grantsolutions.gov/index.cfm

NIH Parent Announcements (For Unsolicited or Investigator-Initiated Applications): http://grants.nih.gov/grants/guide/parent_announcements.htm

NIH Weekly Notices

NSF Due Dates: http://www.nsf.gov/funding/pgm_list.jsp?org=NSF&ord=date

US Department of Education: http://www2.ed.gov/about/offices/list/ope/opeprogramguide.html


US Department of Justice: https://ojp.gov/funding/Explore/CurrentFundingOpportunities.htm

NASA NSPIRES: ROSES_2016

NOAA Climate Program Office http://cpo.noaa.gov/Grants

USDA AFRI Deadlines USDA AFRI Deadlines.