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Proposals Accepted at Any Time

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

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

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

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Hydrologic Sciences Program – NSF

Increase Higher Education Attainment – Lumina Foundation

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NIH Sampling of Successful Proposals

An updated eRA Commons

Data Tables for use with Institutional Research Training grant applications

Search Federal Agency Program Deadlines
Funding Opportunities

Education Research & Training Opportunities

Statistical and Research Methodology in Education – Institute of Education Sciences LOI DUE May 28; Full proposal due July 30 Main page: https://ies.ed.gov/funding/index.asp#current

Research Training Groups in the Mathematical Sciences (RTG) – NSF DUE June 16 The RTG program supports efforts to improve research training by involving undergraduate students, graduate students, postdoctoral associates, and faculty members in structured research groups centered on a common research theme. Research groups supported by RTG must include vertically-integrated activities that span the entire spectrum of educational levels from undergraduates through postdoctoral associates.

Training Modules to Enhance the Rigor, Reproducibility and Responsible Conduct of Biomedical Data Science Research (no clinical trial) DUE June 19. This is an R25 Education Research opportunity for curriculum or methods development.

Academic Research Enhancement Award (NIH AREA) R15 DUE June 25 The purpose of this Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions is to support small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing biomedical research experiences primarily for undergraduate students, and enhancing the research environment at these applicant institutions.

Education and Workforce Development Program - USDA-NIFA-AFRI FY 2020 Research and Extension Experiences for Undergraduates, DUE July 23 The REEU promotes research and extension learning experiences for undergraduates such that upon graduation they may enter the agricultural workforce with exceptional skills. This initiative allows colleges and universities to provide fellowship opportunities for undergraduate students, including those from underrepresented and economically disadvantaged groups, to obtain hands-on experience in research and extension to join the ag workforce.

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: HER) – NSF DUE August 4: Institutional and Community Transformation Capacity-Building and then Institutional and Community Transformation Levels 1 &2 for projects guided by theories of change.

Environmental and Life Sciences

Ocean Biology and Biochemistry – NSPIRES NOIs DUE April 30; full proposal DUE July 23
Ocean Biology and Biogeochemistry research primarily supports NASA’s Carbon Cycle and Ecosystem Focus Area, which addresses changes in Earth’s carbon cycle and ecosystems to improve understanding of the structure and function of global aquatic ecosystems, their interactions with the atmosphere, terrestrial and cryospheric systems, and the ocean’s role in the cycling of the major biogeochemical elements. This solicitation calls for research on specific topics of current, strong scientific interest and programmatic relevance.

Signals in the Soil (SitS)– NSF USDA DUE May 20. This RFP asks researchers to integrate basic science and engineering approaches for developing next generation soil sensors and instruments capable of measuring biological, chemical, and physical variables in-situ and improve our understanding of signaling molecules and interactions that occur in soil ecosystems.
Funding Opportunities

Discovery of Biomarkers and Biomarker Signatures for Neurological and Neuromuscular Disorders (R61/R33 Clinical Trial Optional) - NIH LOI DUE 30 days ahead of deadline of full proposal DUE July 20

The overarching purpose of this Funding Opportunity Announcement (FOA) is to promote the discovery and/or early evaluation of strong candidate biomarkers and biomarker signatures that can be used as tools to facilitate the clinical development of neurotherapeutics and their use in clinical practice. Specifically, the focus of this FOA is on the identification and initial biological, analytical and clinical evaluation of biomarkers and biomarker signatures for neurological and neuromuscular disorders/diseases.

Humanities, Fine Arts & Communication

2020 Large Grant Cycle – NC Humanities Council LOI DUE April 16 Full Proposal DUE July 6

Project formats can include, but are not limited to, lecture/discussion series, exhibitions, presentations and workshops. The Council encourages programs which serve educators, veterans, and underserved communities in North Carolina.

John Templeton Foundation: Academic Cross-Training (ACT) Fellowship program DUE May 1

The ACT Fellowship program is intended to equip recently tenured (after September 2009) philosophers and theologians with the skills and knowledge needed to study Big Questions that require substantive and high-level engagement with empirical science. Up to $220,000 (US dollars) provided for up to 33 months of contiguous support for a systematic and sustained course of study in an empirical science such as physics, psychology, biology, genetics, cognitive science, neuroscience, or sociology.

Foundational Integrity Research program: Misinformation and Polarization Initiative – Facebook DUE May 6

Facebook Research is offering awards to researchers interested in exploring the societal issues of misinformation and polarization related to social communication technologies. Priority research areas of interest include:

- Health Misinformation
- Quantifying Harms of Misinformation
- Information Processing of Sensational, Hateful, Divisive, or Provocative Problematic Content
- Affective Polarization
- Dangerous Speech, Conflict, and Violence
- Misinformation, Multimedia, and Formats
- News, Trust, and Information Quality
- Cross-Platform Information Ecosystem Understanding
- Digital Literacy, Demographics, and Misinformation

Successful proposals will demonstrate innovative and compelling research that has the potential to significantly advance the community’s understanding of the impact of technology on society.

Physical Sciences Opportunities

Shared Instrument Grant (SIG) – NIH DUE June 1

Funded NIH investigators collaborate to upgrade or purchase shared instrumentation. Types of instruments supported include, but are not limited to: X-ray diffractometers, mass spectrometers, nuclear magnetic resonance spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, cell sorters, and biomedical imagers.
High-End Instrumentation (HEI) - NIH (no clinical trial) **DUE May - June 1** – available to groups of NIH-supported investigators to purchase or to upgrade a single item of high-end specialized, commercially viable instruments or integrated systems.

Regional Research Conferences in the Mathematical Sciences – NSF **DUE June 26** Referring to the Conference Board of the Mathematical Sciences, which publicizes the conferences and disseminates the resulting conference materials, support is provided for about 30 participants at each conference. Proposals should address the unique characteristics of the NSF-CBMS conferences, outlined in the Program Description.

Partnerships for Innovation – NSF **DUE July 8** This solicitation offers two broad tracks for proposals in pursuit of the aforementioned goals:

1. The **Technology Translation (PFI-TT) track** offers the opportunity to translate prior NSF-funded research results in any field of science or engineering into technological innovations with promising commercial potential and societal impact.

2. The **Research Partnerships (PFI-RP) track** seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organizational, interdisciplinary, synergistic collaboration.

Social and Behavioral Sciences

**Economics, Markets and Trade A1641 – USDA AFRI** **DUE May 14**. This program area priority supports research on development of theories, methods and applications of agricultural economics. It encourages applications in the following broad areas: agricultural market structure and performance; competitiveness in international trade and domestic markets; agricultural production and resource use; consumer behavior; farm labor and immigration and policy; agricultural policy design and impacts; technology development and adoption; and science and innovation policy.

**Social Implications of Food and Agricultural Technologies (A1642) – USDA AFRI** **DUE May 14** Examining the social implications of technology is a form of technology assessment that anticipates the unforeseen and unintended consequences of technological innovation, including cultural, health, welfare, equity, ethical, and environmental impacts.

**Research and Development in Forensic Science for Criminal Justice Purposes – NIJ** **DUE May 18** An NIJ forensic science research and development grant supports a discrete, specified, circumscribed project that will: (1) increase the body of knowledge to guide and inform forensic science policy and practice, or (2) lead to the production of useful material(s), device(s), system(s), or method(s) that have the potential for forensic application.

**NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS)** (R01 Clinical Trial Optional) **LOI DUE May 20; Full Proposal DUE June 20**. The NIMH Biobehavioral Research Awards for Innovative New Scientists (BRAINS) award is intended to support the research and research career advancement of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long-term career commitment to research in specific mission areas of the NIMH. This award seeks to assist these individuals in launching an innovative clinical,
translational, basic or services research program that holds the potential to profoundly transform the understanding, diagnosis, treatment, or prevention of mental disorders. The NIMH BRAINS program will focus on the research priorities and gap areas identified in the NIMH Strategic Plan.

Assessing the Effectiveness of the Second Chance Act Grant Program: A Phased Evaluation Approach – NIJ DUE May 26 NIJ will fund a phased research evaluation strategy that details and measures the implementation, processes, outcomes, costs, and impacts of the grants awarded under the SCA grant program.

Additional Upcoming Deadlines
FY 2021 IES Special Education Research and Training opportunities are coming soon, and will be posted on a rolling basis.

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.

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

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.

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).

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.

Supplemental Support
Funding Opportunities

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 Success Rates – Review the data on success rates or as Bob Porter says, “projects that passed the sniff test,” at the NIH: https://report.nih.gov/success_rates/
NIH Sampling of Successful Proposals – Forms D.
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
NCBC Deadlines: http://www.nebiotech.org/research-grants/research-funding
NEH Grant Deadlines: http://www.neh.gov/grants
HHS Grants Forecast: https://forecast.grantsolutions.gov/index.cfm

W-Hub gb 04/13/2020
Funding Opportunities

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


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.