# Table of Contents

## Education Grants

- NIH AREA Program ................................................................. 1
- NSF Graduate Research Fellowship ........................................... 1
- Advancing Informal STEM Learning (AISL) – NSF ...................... 1

## Environmental & Life Sciences

- Hearing Restoration Research Program - DoD ............................ 1
- Chemistry of Life Processes (CLP) – NSF .................................. 1
- Environmental Chemical Sciences (ECS) – NSF ......................... 1
- Marine Fisheries Initiative Program (MARFIN) ............................ 1
- Blueprint for Neuroscience Research: Dynamic Neuroimmune Interactions in the Transition from Normal CNS Function to Disorders – NIH R01 ................................. 1
- Emerging Questions in Cancer Systems Biology (U01) – NIH U01 ................. 1
- Specialty Crop Research Initiative USDA NIFA ............................. 2
- Standard Grant – National Geographic Society .............................. 2
- Supplemental Support: Summer Research Experiences for Students and Science Teachers – NIH ......................................................... 2

## Humanities & Fine Arts

- American Academy in Rome Fellowship .................................... 2
- Dialogues on the Experience of War – NEH ................................ 2
- Comparative Perspectives on Chinese Culture and Society – ACLS .................. 2
- Fellowship in Buddhist Studies – The Robert H. N. Ho Family Foundation .... 2
- The Bellagio Center Residency Program – Rockeffeler Foundation ............ 2

## Physical Sciences

- Catalysis Program – NSF ............................................................ 3
- Environmental Sustainability – NSF ............................................ 3
- Paleo Perspectives on Climate Change (P2C2) – NSF ....................... 3
- Division of Physics: Investigator- Initiated Research Projects (PHY) – NSF 3
- Emerging Frontiers in Research and Innovation 2018 (EFRI) – NSF ............ 3
- Division of Materials Research: Topical Materials Research Programs (DMR-TMRP) – NSF ................................................................. 3
- Multidisciplinary Research Program of the University Research Initiative (MURI) – DoD .......................... 3
- Statistics – NSF ........................................................................ 3

## Social & Behavioral Sciences

- Opioid Use Disorder in Pregnancy – NIH (R01) .............................. 4
Funding Opportunities for Arts & Sciences

Dynamics of Coupled Natural and Human Systems – NSF .................................................. 4
Research on the Health of Transgender and Gender Nonconforming Populations – NIH R01 ........................................................................................................ 4

Grants for Early Scholar Investigators ........................................................................... 4
Breast Cancer Research Program Era of Hope Scholar Award - DoD ......................... 4
The Nancy Weiss Malkiel Scholars Award – Woodrow Wilson Foundation ................. 4
Career Development Award - American Heart Association .............................................. 4
Ralph E. Powe Junior Faculty Enhancement Awards .......................................................... 4

Renewal Dates ................................................................................................................. 5
NIH R01 Research Grant .................................................................................................. 5
NIH R03 Small Research Grant ......................................................................................... 5
NIH R21 Other Research Grants and Cooperative Agreements ....................................... 5

Anticipated & Upcoming Opportunities ........................................................................... 5
Research and Development in Forensic Science for Criminal Justice Purposes – NIJ .... 5
Office of Postsecondary Education – US Department of Education ............................... 5
Major Research Instrumentation – NSF .......................................................................... 5
Cultural Anthropology – NSF ....................................................................................... 5
Political Science – NSF .................................................................................................. 5
Social Psychology – NSF .............................................................................................. 5
Humanities Initiatives at Community Colleges – NEH. .................................................... 5
Access to Historical Records: Major Initiatives (Preliminary Proposal) – NHPRC ........... 5
National Estuarine Research Reserve System - Office for Coastal Management – NOAA . 5

Webinars .......................................................................................................................... 5
NIH U01 Emerging Questions in Cancer Systems Biology ............................................. 5
NIH Webinars for Science of Behavior Change Common Fund Program Announcements ... 6

Proposals Accepted at Any Time ..................................................................................... 6
Democracy Small Grants Program General Competition – U.S. Embassy Ukraine ....... 6
Alfred P. Sloan Grant Application Process – LOI ............................................................. 6
High-Risk Research in Biological Anthropology and Archaeology – NSF ....................... 6
Hydrologic Sciences Program – NSF ................................................................................ 6
Increase Higher Education Attainment – Lumina Foundation ......................................... 6
National Energy Technology – DOE ................................................................................. 6
Funding Opportunities for Arts & Sciences

Veterans’ Employment and Training – Stand Down Grant Award ........................................ 6
Supplemental Support ................................................................................................................. 7
   Administrative Supplements to Existing NIH Grants and Cooperative Agreements .......... 7
Search Federal Agency Program Deadlines ............................................................................ 7
Education Grants

**NIH AREA Program**  **DUE October 25** The purpose of the Academic Research Enhancement Award (AREA) program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists, but that have not been major recipients of NIH support.

**NSF Graduate Research Fellowship – DUE October 23 – 27** in disciplines of the Life Sciences, Geosciences; Engineering, Computer and Information Science, Materials Research; Psychology, Social Sciences, STEM Education and Learning; Chemistry, Mathematical Sciences, Physics and Astronomy.

**Advancing Informal STEM Learning (AISL) – NSF. DUE November 6.** The AISL program supports six types of projects: (1) Pilots and Feasibility Studies, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, (5) Literature Reviews, Syntheses, or Meta-Analyses, and (6) Conferences.

Environmental & Life Sciences

**Hearing Restoration Research Program - DoD Pre-Application LOI DUE October 25.** There are two opportunities: translational research or focused research award. Translation support preclinical research; focused research supports functional hearing restoration research.

**Chemistry of Life Processes (CLP) – NSF. DUE October 31.** Supports fundamental experimental and computational studies of molecules and/or systems at the interface of chemistry and biology.

**Environmental Chemical Sciences (ECS) – NSF. DUE October 1 – 31.** Examples of sustainable chemistry appropriate for the ECS Program include, but are not limited to: proposals that consider the nexus of food, energy, and water sustainability especially as related to nitrogen and phosphorus cycling.

**Marine Fisheries Initiative Program (MARFIN) – DUE October 31.** Bycatch of biological organisms; reef fish collection; red snapper research; integrated ecosystem assessment; these are a few priorities.

**Blueprint for Neuroscience Research: Dynamic Neuroimmune Interactions in the Transition from Normal CNS Function to Disorders – NIH R01. LOI DUE November 7; Full Proposal DUE December 7.** The goal of this FOA is to transform our understanding of how dynamic interactions among multiple cell types involved in neuroimmune interactions (e.g., neurons, glia cells, neurovascular units, or other neuroimmune components) mediate the transition from normal central nervous system (CNS) function to disorder conditions.

**Emerging Questions in Cancer Systems Biology (U01) – NIH U01 – DUE November 24, 2017.** The purpose of this Funding Opportunity Announcement (FOA) is to encourage research projects addressing challenging cancer problems using systems biology approaches.
Funding Opportunities for Arts & Sciences

Specialty Crop Research Initiative USDA NIFA. Pre-application **DUE December 8** The purpose of the SCRI program is to address the critical needs of the specialty crop industry by awarding grants to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture, including conventional and organic food production systems.

Standard Grant – National Geographic Society. **DUE January 3.** The human journey, wildlife and wild places, and our changing planet are the Society’s three lenses (as they describe). The standard grants support from under $30,000 to up to $50,000 by those to demonstrate successful completion of other like projects that present measurable results.

Supplemental Support: Summer Research Experiences for Students and Science Teachers – NIH. **DUE January 31** If you have an active R01, R21, R15 you can apply for supplementary support from the National Institute of Environmental Health Sciences to support summer research experiences in environmental health science for high school students, college undergraduates, master’s degree candidates, medical students, secondary school science teachers, and science professors from R15/AREA grant eligible institutions. Administrative supplements must support work within the scope of the original project.

**Humanities & Fine Arts**

American Academy in Rome Fellowship. **DUE November 1.** Literature, Medieval Studies, Modern Italian Studies, Musical Composition, Renaissance and Early Modern Studies, Visual Arts…. Encourages collaborative, full time work. There is an application fee.

Dialogues on the Experience of War – NEH. **DUE November 2.** Supports the study and discussion of important humanities sources about war, in the belief that these sources can help veterans.

Comparative Perspectives on Chinese Culture and Society – ACLS. **DUE November 8.** Planning meetings, workshops, or conferences are supported. The program supports collaboration among scholars who would not otherwise be able to work together (without this support).

Fellowship in Buddhist Studies – The Robert H. N. Ho Family Foundation. **DUE November 15.** These fellowships provide scholars time free from teaching and other responsibilities to devote full-time to research and writing on the project proposed. The fellowship period may last up to nine months, during which time no teaching, commissioned research on other topics, or administrative duties are allowed.

The Bellagio Center Residency Program – Rockefeler Foundation – **DUE December 1.** Open to arts and literary and academic writers.
Physical Sciences

Catalysis Program – NSF. DUE October 20. Supports research in catalytic engineering science and promote fundamental understanding and the development of catalytic materials and reactions that are of benefit to society.

Environmental Sustainability – NSF DUE October 20 supported research areas: industrial ecology, green engineering, ecological engineering, earth systems engineering.

Paleo Perspectives on Climate Change (P2C2) – NSF. DUE October 20. Important scientific objectives of P2C2 are to: 1) provide comprehensive paleoclimate data sets that can serve as model test data sets analogous to instrumental observations; and 2) enable transformative syntheses of paleoclimate data and modeling outcomes to understand the response of the longer-term and higher magnitude variability of the climate system that is observed in the geological and cryospheric records.

Division of Physics: Investigator- Initiated Research Projects (PHY) – NSF DUE October 25. The program supports theoretical and experimental studies, and also the development of new tools and techniques important to understanding physical systems.

Emerging Frontiers in Research and Innovation 2018 (EFRI) – NSF. Preliminary Proposal DUE October 25. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in the following two research areas:

- Chromatin and Epigenetic Engineering (CEE)
- Continuum, Compliant, and Configurable Soft Robotics Engineering (C3 SoRo)

Division of Materials Research: Topical Materials Research Programs (DMR-TMRP) – NSF. DUE November 1. This solicitation applies to the following six DMR Topical Materials Research Programs that fund research and educational projects by individual investigators or small groups: Biomaterials (BMAT), Condensed Matter Physics (CMP), Electronic and Photonic Materials (EPM), Metals and Metallic Nanostructures (MMN), Polymers (POL), and Solid-State and Materials Chemistry (SSMC). It does not apply to the following two DMR Topical Materials Research Programs, which have their own solicitations: Ceramics (CER) (NSF 16-597) and Condensed Matter and Materials Theory (CMMT) (NSF 16-596).

Multidisciplinary Research Program of the University Research Initiative (MURI) – DoD DUE November 1. The MURI supports basic, multidisciplinary research at IHE. A white paper was due in July.

Statistics – NSF. DUE November 7. Supports research in statistical theory and methods, including research in statistical methods for applications to any domain of science and engineering. The theory forms the base for statistical science. The methods are used for stochastic modeling, and the collection, analysis and interpretation of data.
Funding Opportunities for Arts & Sciences

Social & Behavioral Sciences

**Opioid Use Disorder in Pregnancy – NIH (R01)** **LOI DUE 30 days in advance of submission by December 14.** This FOA invites clinically-oriented research proposals that address the research gaps for opioid use disorder in pregnancy.

**Dynamics of Coupled Natural and Human Systems – NSF.** **DUE November 21.** Research projects to be supported by CNH must include analyses of four different components: (1) the dynamics of a natural system; (2) the dynamics of a human system; (3) the processes through which the natural system affects the human system; and (4) the processes through which the human system affects the natural system.

**Research on the Health of Transgender and Gender Nonconforming Populations – NIH R01.** **Earliest Submission January 5.** This FOA calls for research addressing the medical, sociological, psychological and structural causes and consequences of transgender and gender nonconforming identities. Investigations of the social determinants of health in these populations are needed, including understanding the impact of stigma, the high impact of HIV, minority stress, education, employment, violence, homelessness, and incarceration. More information is needed on relationships with partners and family, as well as on sexual and reproductive health. Successful aging, including the impact of life events, experiences, and interventions such as hormone therapy and surgery are other important topics to investigate. It will also be important to learn more about brain development, resilience, and end-of-life issues. Collaborative, cross disciplinary work will be essential. There is also an NIH R21 exploratory PA 17-477 DUE January 16.

Grants for Early Scholar Investigators

**Breast Cancer Research Program Era of Hope Scholar Award - DoD** Pre-Application LOI **DUE November 21.** Must be within six years of receipt of a training grant or postdoc fellowship; prior experience in breast cancer research not a requirement. Must focus on breast cancer research and demonstrate potential for leadership in the field.

**The Nancy Weiss Malkiel Scholars Award – Woodrow Wilson Foundation.** **DUE December 1.** Open to junior faculty past mid-tenure review and in any field of the humanities and social sciences, with preference given to work of themes contributive to the focus of Malkiel: 20th- and 21st-century American history, politics, culture, and society, with emphases including but not limited to African American issues, women’s issues, and/or higher education.

**Career Development Award - American Heart Association.** **DUE December 4.** Open to assistant professors from the following academic disciplines: biology, chemistry, mathematics, technology, physics, etc.

**Ralph E. Powe Junior Faculty Enhancement Awards.** Application appears to be open for faculty in life sciences, mathematics, and physical sciences. Be sure to consult with ECU ORAU Member Councilor Dr. Jeffery Shinpaugh, Chair of Physics.
Funding Opportunities for Arts & Sciences

Renewal Dates

**NIH R01 Research Grant** renewal, resubmission, revision **DUE November 5.** Refer to Standard Deadlines.

**NIH R03 Small Research Grant** renewal, resubmission, revision **DUE November 16.** Refer to Standard Deadlines.

**NIH R21 Other Research Grants and Cooperative Agreements** renewal, resubmission, revision **DUE November 16.** Refer to Standard Deadlines.

**Anticipated & Upcoming Opportunities**

**Research and Development in Forensic Science for Criminal Justice Purposes – NIJ**
**Expected Release of an official announcement OCT/NOV/DEC.**

**Office of Postsecondary Education – US Department of Education**
**Expected Release of an official announcement DEC/JAN/FEB.**

**Major Research Instrumentation – NSF**
**January 10**

**Cultural Anthropology – NSF**
**DUE January 16**

**Political Science – NSF**
**DUE January 16**

**Social Psychology – NSF**
**DUE January 16**

**Humanities Initiatives at Community Colleges – NEH,**
**DUE January 16** The program funds collaborative projects in the humanities between the applicant institution and another institution, such as a college or university, in curricular and faculty development projects that help strengthen humanities programs and/or incorporate humanistic approaches in fields outside the humanities.

**Access to Historical Records: Major Initiatives (Preliminary Proposal) – NHPRC,**
**DUE January 18.** Seeks projects that will improve public discovery and use of major historical records collections significantly.

**National Estuarine Research Reserve System - Office for Coastal Management – NOAA**
**DUE February 1**

**Webinars**

**NIH U01 Emerging Questions in Cancer Systems Biology** Scheduled for Friday, October 13 at 2:00 – 3:00 p.m.  Link to join!
Funding Opportunities for Arts & Sciences

NIH Webinars for Science of Behavior Change Common Fund Program Announcements
RFA-RM-17-022, RFA-RM-17-023, RFA-RM-17-024, RFA-RM-17-028. Scheduled for Thursday, October 26 1-2:30 p.m. and Monday, October 30 12:-1:30 p.m. Link to join!

Proposals Accepted at Any Time

Democracy Small Grants Program General Competition – U.S. Embassy Ukraine. This program supports projects that foster the development and education of civil society in Ukraine. It is a focused yet flexible mechanism that provides seed money for unique and sustainable projects, particularly projects that help develop the capacity and sustainability of non-governmental organizations in Ukraine.

Alfred P. Sloan Grant Application Process – LOI – no unsolicited proposals. Read tips for writing a successful grant proposal

High-Risk Research in Biological Anthropology and Archaeology – NSF. This program gives small awards that provide investigators with the opportunity to assess the feasibility of an anthropological research project. The information gathered may then be used as the basis for preparing a more fully developed research program. Projects which face severe time constraints because of transient phenomena or access to materials may also be considered.

Hydrologic Sciences Program – NSF supports the study of processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components. The Hydrologic Sciences Program retains a strong focus on linking fluxes of water and the components carried by water across boundaries between various interacting facets of the terrestrial system and the mechanisms by which these fluxes co-organize over a variety of timescales and/or alter fundamentals of water cycle interactions within the terrestrial system. The Program is also interested in how water interacts with the landscape and the ecosystem as well as how the water cycle and its coupled processes are altered by land use and climate.

Increase Higher Education Attainment – Lumina Foundation – LOI Year Round. Check out the Grant Database. Lumina’s strategic goal is to increase higher education attainment in the United States 60% by 2025. Proposed work on student access and institutional success should be focused on attainment.

National Energy Technology – DOE. The sponsor considers proposals in all areas of energy and energy-related research and development with an emphasis on long-term, high-risk, high-payoff technologies. Any individual or organization may apply. In most cases the sponsor will fully fund the early phases of basic research and development, but subsequent commercialization phases will require cost sharing or cost participation.

Veterans’ Employment and Training – Stand Down Grant Award – Department of Labor. A Stand Down is a local community event where homeless veterans are provided a wide variety of jobs placement services, training, and incentives. Stand Down funding is provided in the form of
non-competitive grants that are awarded on a first-come, first-served basis until available funding is exhausted.

**Supplemental Support**

*Administrative Supplements to Existing NIH Grants and Cooperative Agreements*

Admin Suppl. can only be awarded to active NIH grants. Grants in NCE status are not eligible. Due dates may vary by awarding IC.

**Search Federal Agency Program Deadlines**

Administration for Community Living: [https://www.acl.gov/grants](https://www.acl.gov/grants)

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

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

HHS Grants Forecast: [https://forecast.grantsolutions.gov/index.cfm](https://forecast.grantsolutions.gov/index.cfm)


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


US Department of Justice: [http://ojp.gov/funding/](http://ojp.gov/funding/)

NASA NSPIRES: [ROSES 2016](http://ojp.gov/funding/)

NOAA Climate Program Office [http://cpo.noaa.gov/Grants](http://cpo.noaa.gov/Grants)