



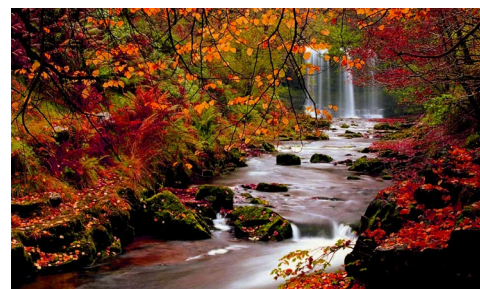
O.R.S.P GRANT ANNOUNCEMENT LETTER

WELCOME...

SEPTEMBER 2019

...TO THE SEPTEMBER EDITION OF THE OFFICE OF RESEARCH AND SPONSORED PROGRAMS' MONTHLY NEWSLETTER. AS YOU MAY OR MAY NOT KNOW, THE GRANT ANNOUNCEMENT LETTER, OR G.A.L FOR SHORT, IS A MONTHLY OFFERING OF NEW AND UPCOMING GRANT OPPORTUNITIES THAT MAY BE OF INTEREST TO YOU OR YOUR DEPARTMENT.

THIS MONTH'S G.A.L CONSISTS OF GRANT OPPORTUNITIES ACROSS SEVERAL DIFFERENT FIELDS, INCLUDING FUNDING FROM THE NATIONAL SCIENCE FOUNDATION (NSF), THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA), THE NATIONAL INSTITUTE OF AGING (NIA), THE DEPARTMENT OF COMMERCE (DOC), THE DEPARTMENT OF INTERIOR (DOI), DEPARTMENT OF ENERGY (DOE), AND THE NATIONAL ENDOWMENT OF THE ARTS (NEA).



What Grants Are Available?

There are more grant opportunities available in your field than you may think! Please contact our office with any and all questions about interests or concerns pertaining to your field and we will work together to facilitate these great opportunities.



A MAJOR CONGRATULATIONS TO THE FOLLOWING AWARD RECIPIENTS!

NEW VISIONS – CRAIG MICHAELS

NSF – MARC-ANTOINE LONGPRE

U.S DEPARTMENT OF EDUCATION – MIRIAN DETERS-HICKEY

U.S DEPARTMENT OF EDUCATION – SARA B. WOOLF

Do Not See Opportunities in Your Field?

This newsletter is only the tip of the iceberg. There are plenty of funding opportunities waiting to be utilized. Simply visit the "Funding Opportunities" section of our website or contact us with keywords that we can then use to specifically find the right grant for you.

SEPTEMBER

Partnership in Basic Plasma Science and Engineering (NSF)

Scope:

To enhance basic plasma science research and education in this broad, multidisciplinary field by coordinating efforts and combining resources of the two agencies.

Deadline:

Nov. 18, 2019.

Funds:

\$4 million total for up to 30 awards ranging from \$50,000 to \$250,000.

Areas:

Some of the general research areas that are included are: chaos, turbulence and self-organization in strongly coupled coulomb systems in plasmas, dusty plasmas, non-neutral plasmas, flows and magnetic fields in plasmas, intense field matter interactions in plasmas, plasma surface interactions as applied to plasma-assisted atomic layer deposition and plasma catalysis, atmospheric pressure plasmas and microplasmas, and astrophysical and heliospheric plasmas.

www.grants.gov; FON# 19-596

Partnership on Foundational Microarchitecture Research (NSF)

Scope:

For the NSF/Intel Partnership on Foundational Microarchitecture Research announcement to support transformative microarchitecture research targeting improvements in instructions per cycle (IPC).

Deadline:

Nov. 20, 2019.

Funds:

\$2.5 million total for awards starting at \$500,000.

Areas:

Funding will support research that has the following characteristics: high IPC techniques ranging from microarchitecture to code generation, “microarchitecture turbo” techniques that marshal chip resources and system memory bandwidth to accelerate sequential or single-threaded programs, and techniques to support efficient compiler code generation.

www.grants.gov; FON# 19-598

SEPTEMBER

Research in the Formation of Engineers (NSF)

Scope:

For the Research in the Formation of Engineers announcement to create and support an innovative and inclusive engineering profession for the 21st century.

Deadline:

Proposals are accepted at any time.

Funds:

\$5.6 million total.

Areas:

Project proposals are particularly welcome in the following areas: research that addresses lifelong learning by the engineering workforce, research on the impact of engineering education research, research that addresses culture change in engineering education, research that addresses engineering formation at the two-year college and graduate education levels in both formal and informal settings, research on the transitions between education levels (e.g., from high school to two-year college, high school to four-year college/university, two-year college to four-year college/university, undergraduate to graduate school, education settings to the workforce or professoriate, etc.) and research that investigates engineering in P-12 settings.

www.grants.gov; FON# PD-19-1340

Regional Conservation Partnership Program (USDA)

Scope:

To co-invest with partners to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.

Deadline:

Dec. 3, 2019.

Funds:

Up to \$300 million for RCPP projects. Fifty percent of RCPP funding is dedicated to NRCS-designated critical conservation area projects and 50 percent to projects in the state/multistate category. Awards will range from \$250,000 to \$10 million.

Areas:

Successful RCPP applicants bring an array of financial and technical capabilities to projects, demonstrate experience working effectively and collaboratively with agricultural producers (including landowners eligible for specific types of RCPP assistance, including conservation easements) across the landscape, and propose innovative, sustainable and measurable approaches to achieving compelling conservation goals.

www.grants.gov; FON# USDA-NRCS-NHQ-RCPP-19-GEN0010372

SEPTEMBER

Biological Mechanisms of Metformin Effects on Aging and Longevity (NIA)

Scope:

For novel studies of the molecular mechanisms underlying metformin's effects on aging and longevity.

Deadline:

Letters of Intent, Dec. 21, 2019; proposals, Jan. 21, 2020.

Funds:

\$2 million total in FY2020 for four to six awards.

Areas:

Examples of research topics may include but are not limited to: investigation of the pathways, targets and major sites of action that mediate the biological effects of metformin on aging and longevity; studies of changes associated with aging and longevity on the transport and transporters of metformin; and studies on how metformin affects the major drivers, hallmarks or pillars of aging.

www.grants.gov; FON# RFA-AG-20-044

Tailoring Interventions to Improve Preventive Health Service Use (NIA)

Scope:

The National Institute on Aging seeks (R61/R33) Exploratory/Developmental Phased Award applications for the Tailoring Interventions to Improve Preventive Health Service Use announcement.

Deadline:

Letters of Intent, Sept. 28, 2019; proposals, Oct. 28, 2019.

Funds:

For the (R61) planning phase, the combined budget for direct costs for the two-year project period may not exceed \$400,000, with no more than \$200,000 requested in any single year. For the three-year (R33) implementation phase, applicants' combined budget for direct costs may not exceed \$1.53 million.

Areas:

The applicant must include the following activities and milestones for the (R61) phase: utilize analytical tools, including machine learning approaches, to establish the feasibility of identifying groups of patients not getting preventive care, including identification of high risk and vulnerable patients and personalization of interventions for patients and providers; and using information gleaned from the EHR, conduct Stage I research to create interventions to overcome barriers affecting each group, among others. During the (R33) phase, PD(s)/PI(s) will implement the intervention in a clinical setting, use results from the (R61) phase to further refine, standardize, and test the feasibility, safety, and acceptability of the intervention.

www.grants.gov; FON# RFA-AG-20-045

SEPTEMBER

Office of Weather and Air Quality Research Programs (DOC)

Scope:

For weather, air quality and earth-system modeling research reflecting multiple science objectives spanning time scales from hours to seasons, and from weather and water observations and earth system modeling to social and behavioral science.

Deadline:

Nov. 20, 2019.

Funds:

Approximately \$7 million for 23 awards ranging from \$100,000 to \$500,000.

Areas:

There will be three grant competitions: (1) Joint Technology Transfer Initiative, (2) Verification of the Origins of Rotation in Tornadoes Experiment—Southeast U.S. and (3) Climate Testbed.

www.grants.gov; FON# NOAA-OAR-OWAQ-2020-2006188

Neotropical Migratory Bird Conservation Act Grants (DOI)

Scope:

for the Neotropical Migratory Bird (NMB) Conservation Act Grants announcement to support projects that promote the conservation of NMBs and their habitats in the United States, Canada, Latin America and the Caribbean.

Deadline:

Nov. 5, 2019.

Funds:

\$4 million total for up to 30 awards ranging from \$10,000 to \$200,000.

Areas:

high-priority projects address NMB species of conservation concern, address the significant threats to those NMBs, occur in important habitat to NMBs, significantly involve and benefit the local communities in the project area, identify and measure outcomes (i.e., improvements to and for the NMB species) from the conservation activities, and are financially, ecologically and socially sustainable.

www.grants.gov; FON# F19AS00370

SEPTEMBER

Stewardship Science Academic Alliances Program (DOE)

Scope:

To support state-of-the-art research at U.S. academic institutions in areas of fundamental physical science and technology of relevance to the Stockpile Stewardship Program mission.

Deadline:

Oct. 29, 2019.

Funds:

Approximately \$2.5 million annually for up to two awards ranging from \$1 million to \$2.5 million. The maximum project period is four years.

Areas:

Areas of interest include: Topic Research Area #1— Properties of Materials under Extreme Conditions, such as experimental investigations of the static and dynamic (e.g., loaded by isentropic compression or shock-loaded) properties of materials under conditions of high pressure, high temperature, high strain and/or high strain rate; development and application of novel diagnostics and measurement techniques leading to the observation of physical phenomena at relevant temperature, density and/or strain conditions, and length and time scales under extreme conditions; and development and application of methodologies to investigate detailed dynamics and evolution of materials under dynamic loading conditions using novel time-resolved diagnostics and high-fidelity control of the drive platform; among others.

www.grants.gov; FON# DE-FOA-0002149

Sound Health Network (NEA)

Scope:

To expand public understanding of the connections between music and wellness: how music is processed by the brain, how music can impact development and learning and the therapeutic use of music for specific health conditions.

Deadline:

Nov. 19, 2019.

Funds:

\$300,000 for one cooperative agreement. The maximum project period is 18 months.

Areas:

Applicants will be expected to establish and coordinate the Sound Health Network composed of the existing Sound Health Partners, relevant subject-matter experts (individuals and organizations) and other appropriate entities to share and leverage research and practice in music, neuroscience, music therapy, and health and wellness; create, maintain and promote an online clearinghouse of relevant Sound Health Network research findings, programs and related events; produce and disseminate through the online clearinghouse or directly to Sound Health Network participants topical resource materials such as research summaries, policy briefs and fact sheets about music and the brain; and identify for Sound Health Network participants opportunities to promote connections between music and the brain, such as, but not limited to, convenings for the field, speaking engagements, etc.; among others.

www.grants.gov; FON# NEAPS1903

NSF DEADLINES

[ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions \(ADVANCE\)](#) N NSF-wide

[Analysis](#)

[19-552](#)

Preliminary Proposal: October 1, 2019

Full Proposal: October 1, 2019

[Historically Black Colleges and Universities Undergraduate Program \(HBCU-UP\)](#)

[18-522](#)

Full Proposal: October 1, 2019

[Advanced Technological Education \(ATE\)](#)

[18-571](#)

Full Proposal: October 3, 2019

[EHR Core Research \(ECR\)](#)

[19-508](#)

Full Proposal: October 3, 2019

[Advancing Digitization of Biodiversity Collections \(ADBC\)](#)

[15-576](#)

Full Proposal: October 11, 2019

[Algebra and Number Theory](#)

Full Proposal: October 11, 2019

[Computational and Data-Enabled Science and Engineering \(CDS&E\)](#)

Full Proposal: October 15, 2019

[NSF Astronomy and Astrophysics Postdoctoral Fellowships \(AAPF\)](#)

[18-574](#)

Full Proposal: October 15, 2019

[SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards \(Soc-DDRI\)](#)

[18-577](#)

Full Proposal: October 15, 2019

[WINDOWS ON THE UNIVERSE: THE ERA OF MULTI-MESSENGER ASTROPHYSICS \(WoU-MMA\)](#)

Full Proposal: October 15, 2019

[Centers for Chemical Innovation \(CCI\)](#)

[19-576](#)

Full Proposal: October 16, 2019

[Mathematical Sciences Postdoctoral Research Fellowships \(MSPRF\)](#)

[16-558](#)

Full Proposal: October 16, 2019

[WINDOWS ON THE UNIVERSE: THE ERA OF MULTI-MESSENGER ASTROPHYSICS \(WoU-MMA\)](#)

Full Proposal: October 18, 2019

[Graduate Research Fellowship Program \(GRFP\)](#) N NSF-wide

[19-590](#)

Full Proposal: October 21, 2019

[Paleo Perspectives on Climate Change \(P2C2\)](#)

[17-582](#)

Full Proposal: October 21, 2019

[Graduate Research Fellowship Program \(GRFP\)](#) N NSF-wide

[19-590](#)

Full Proposal: October 22, 2019 Full Proposal: October 24, 2019 Full Proposal: October 25, 2019

[NSF/Intel Partnership on Machine Learning for Wireless Networking Systems \(MLWiNS\)](#)

[19-591](#)

Full Proposal: October 29, 2019

[Accelerating Research through International Network-to-Network Collaborations \(AccelNet\)](#) N NSF-wide

[19-501](#)

Letter of Intent: October 30, 2019

[Computational and Data-Enabled Science and Engineering \(CDS&E\)](#)

Full Proposal: October 31, 2019

[Critical Aspects of Sustainability \(CAS\)](#)

Full Proposal: October 31, 2019

[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#)

[19-577](#)

Full Proposal: October 31, 2019

NIH DEADLINES

<u>Activity Codes</u>		<u>Program Description</u>	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P	Series	Program Project Grants and Center Grants			
All - new, renewal, resubmission, revisions		NOTE: Applicants should check with the relevant Institute or Center (IC), since some do not accept P series applications for all three receipt/review/award cycles.	January 25	May 25	September 25
R18, U18		Research Demonstration Education			
R25			January 25	May 25	September 25
All - new, renewal, resubmission, revision					
T	Series	Institutional National Research			
		Service Awards			
D	Series	Other Training Grants			
All - new, renewal, resubmission, revision		NOTE: Applicants should check with the relevant Institute or Center (IC), since some do not accept T series applications for all three receipt/review/award cycles. Applicants should refer to the IC Table of Contacts for information for each IC's scientific/research contact for the NRSA T32 program.	January 25	May 25	September 25
C06/UC6		Construction Grants			
All - new, renewal, resubmission, revision			January 25	May 25	September 25
G07, G08, G11, G12, G13, G20, R24, S06, S11, S21, S22, SC1, SC2, SC3, UG1, U10, U19, U24, U2C, U41, U42, U45, U54, U56		Other Activity Codes			
All - new, renewal, resubmission, revision			January 25	May 25	September 25
R01		Research Grants			
new			February 5	June 5	October 5
U01		Research Grants - Cooperative Agreements			
new			February 5	June 5	October 5
K series		Research Career Development			
new			February 12	June 12	October 12

<u>Activity Codes</u>	<u>Program Description</u>	<u>Cycle I Due Date</u>	<u>Cycle II Due Date</u>	<u>Cycle III Due Date</u>
R03, R21, R33, R21/R33, R34, R36, U34, UH2, UH3, UH2/UH3 new	Other Research Grants and Cooperative Agreements	February 16	June 16	October 16
R15 All - new, renewal, resubmission, revision	Academic Research Enhancement Award (AREA)	February 25	June 25	October 25
R01 renewal, resubmission, revision	Research Grants	March 5	July 5	November 5
U01 renewal, resubmission, revision	Research Grants - Cooperative Agreements	March 5	July 5	November 5
K series renewal, resubmission, revision	Research Career Development	March 12	July 12	November 12
R03, R21, R33, R21/R33, R34, R36, U34, UH2, UH3, UH2/UH3 renewal, resubmission, revision	Other Research Grants and Cooperative Agreements	March 16	July 16	November 16
F Series Fellowships (including F31 Diversity – NOT-OD-17-029) new, renewal, resubmission	Individual National Research Service Awards (Standard) (see NRSA Training Page)	April 8	August 8	December 8
R13, U13 All - new, renewal, resubmission, revision	Conference Grants and Conference Cooperative Agreements	April 12	August 12	December 12
R41, R42	Small Business Technology Transfer (STTR)*			
R43, R44, U43, U44, All - new, renewal, resubmission, revision, AIDS and AIDS-related	Small Business Innovation Research (SBIR)* Commercialization Readiness Pilot (CRP) Program*	September 5	January 5	April 5
SB1, UB1				

<u>Activity Codes</u>	<u>Program Description</u>	<u>Cycle I Due Date</u>	<u>Cycle II Due Date</u>	<u>Cycle III Due Date</u>
All Activity Codes Cited Above new, renewal, resubmission, revision	AIDS and AIDS-Related Applications *Effective. Sept 5, 2015 - N/A for SBIR/STTR Applications using Standard Due Dates NOTE: See Key Dates section of funding opportunity announcement to determine if AIDS dates apply.	May 7	September 7	January 7

<u>Activity Codes</u>	<u>Program Description</u>	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
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Review and Award Cycles

	Cycle I	Cycle II	Cycle III
Application Due Dates	January 25 - May 7	May 25 - September 7	September 25 - January 7
Scientific Merit Review	June - July	October - November	February - March
Advisory Council Round	August or October *	January	May
Earliest Project Start Date	September or December *	April	July

*SBIR/STTR, CRP Only	Cycle I	Cycle II	Cycle III
Application Due Dates	September 5	January 5	April 5
Scientific Merit Review	October - November	February - March	June-July
Advisory Council Round	January	May	August
Earliest Project Start Date	April	July	September or December*