



O.R.S.P

Grant

Announcement

Letter

WELCOME...

AUGUST 2019

...to the August 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 National Institute of Health (NIH), The Department of Commerce (DOC), The National Institute of Aging (NIA), The National Aeronautics and Space Administration (NASA), and The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

A MAJOR CONGRATULATIONS TO THE FOLLOWING AWARD RECIPIENTS!

NSF - Sebastian Alvarado, Biology

NSF - Mayank Goswami, Computer Science

NSF - Eva Fernandez, Provost Office



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.



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.

AUGUST

Antarctic Research (NSF)

Scope:

For the Antarctic Research announcement to support scientific research in Antarctica and the Southern Ocean, with logistics provided by the Office of Polar Programs' Antarctic Infrastructure and Logistics Section.

Deadline:

Proposals are accepted anytime.

Funds:

\$55 million total.

Areas:

Funding will support cutting-edge research that expands fundamental knowledge of the Antarctic and the natural laboratory it represents across a range of disciplines, improves understanding of interactions between the Antarctic and Southern Ocean region and Earth system and utilizes the unique characteristics of the Antarctic continent as an observing platform.

www.grants.gov; FON# 19-595

Long-Term Ecological Research (NSF)

Scope:

To address ecological questions that cannot be resolved with short-term observations or experiments.

Deadline:

Preliminary proposals, Dec. 4, 2019; proposals, June 15, 2020.

Funds:

One award will be made with a budget up to \$1,187,700 per year, for six years.

Areas:

Potential focal areas may include but are not limited to: interactions between human and natural systems, including land-use and land-cover change, and the role of demographic trends as drivers of social-ecological dynamics; the feedbacks between human attitudes, beliefs and values and environmental patterns and processes; the role of institutions, governance structures and sociopolitical forces in determining how human interactions and ecological processes feedback on each other; and integration of engineering and design with natural and social sciences.

www.grants.gov; FON# 19-594

AUGUST

Molecular mechanisms of blood-brain barrier—Function and dysfunction in AD and ADRD (NIH)

Scope:

To clarify the mechanistic links between blood-brain barrier (BBB) dysfunction, Alzheimer's disease (AD) and AD-related dementias (ADRD), and how related comorbidities impact the basic molecular mechanisms of BBB health and function.

Deadline:

Letters of Intent, Sept. 9, 2019; proposals, Oct. 9, 2019.

Funds:

Approximately six to eight awards, corresponding to \$4.5 million total in FY2020. The maximum project period is five years.

Areas:

Examples of areas of interest include but are not limited to: functional differences in the BBB in white vs. gray matter in AD/ADRD; the impact of known subtypes of vascular contributions to cognitive impairment and dementia, including cerebral amyloid angiopathy, white matter disease, lacunar strokes, cerebral microbleeds and post-stroke dementia; the role of aberrant aggregate proteins (e.g., amyloid, α -synuclein aggregates, etc.) on BBB function; and mechanisms underlying the involvement of the BBB in the clearance of misfolded proteins in dementia; among many others.

www.grants.gov; FON# RFA-NS-20-004

Investigating understudied G protein–Coupled receptors, ion channels, protein kinases (NIH)

Scope:

For pilot projects on the “Illuminating the Druggable Genome” Program (IDG)-eligible understudied proteins (non-olfactory G protein–coupled receptors, protein kinases and ion channels) in order to study them beyond what the IDG's centers can accomplish and to validate and demonstrate the utility of IDG-generated reagents, data and approaches.

Deadline:

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

Funds:

Approximately \$1.75 million total in FY2020. The maximum project period is one year.

Areas:

Funding supports different types of projects, including but not limited to pilot or feasibility studies; small, self-contained research projects; development of research methodology; and/or development of new research technology. See the announcement for complete details.

www.grants.gov; FON# RFA-RM-19-011

AUGUST

Marine Debris Removal (DOC)

Scope:

To support the development and implementation of locally driven, marine debris prevention, assessment and removal projects that benefit coastal habitat, waterways and NOAA trust resources.

Deadline:

Letters of Intent, Sept. 4, 2019; invited proposals, Dec. 4, 2019.

Funds:

\$2.5 million total for up to 11 awards ranging from \$50,000 to \$250,000.

Areas:

The highest program priorities for this solicitation are the detection and removal of derelict fishing gear and the removal of medium- to large-scale marine debris that have a negative impact on NOAA trust resources and important habitat areas. Derelict fishing gear includes but is not limited to such items as abandoned crab or lobster pots/traps, fishing nets and synthetic (e.g., monofilament, polypropylene) line.

www.grants.gov; FON# NOAA-NOS-ORR-2020-2006162

Program Project Applications (NIA)

Scope:

To address scientific areas relevant to the NIA mission.

Deadline:

Applications are due 30 days prior to the application due date; proposals are due Sept. 25, 2019; Jan. 25, 2020; and May 25, 2020.

Funds:

The number of awards depends on appropriations and the submission of a sufficient number of quality applications. The maximum project period is five years.

Areas:

Funding supports integrated, multi project research programs that have a central, well-defined research focus or objective. The (Po1) is a confederation of interrelated research projects, each capable of standing on its own scientific merit but complementing one another. An application submitted to this announcement must include at least three individual research projects that contribute to the program objective.

www.grants.gov; FON# PAR-19-314

AUGUST

Terrestrial Hydrology (NASA)

Scope:

The scientific objective to use remote sensing to develop a predictive understanding of the role of water in land–atmosphere interactions and to further the scientific basis of water resources management.

Deadline:

Letters of Intent, Sept. 26, 2019; proposals, Nov. 14, 2019.

Funds:

\$4.75 million total for up to 10 awards. The maximum project period is three years and depends upon the category chosen.

Areas:

research must fall into one of the following three categories: multisensor data fusion, to combine multiple, inherently different remote sensing approaches to better describe the past and current quantity and characteristics of water stores or fluxes, at the land surface, including “surface water” or “inundation,” groundwater, evaporation and river discharge; land model improvement, to update a land model, currently used by the Land Information System, to include some component(s) of water quality; and hydrological test bed scoping studies, to expand on the utility of THP investments in fieldwork.

www.grants.gov; FON# NNH19ZDA001N-THP

Catalyst Award in Diabetes, Endocrinology and Metabolic Diseases (NIDDK)

Scope:

Focused on major scientific challenges that have the potential to produce an unusually high impact on diseases and conditions that are central to the mission of NIDDK's Division of Diabetes, Endocrinology and Metabolic Diseases (DEMD).

Deadline:

Letters of Intent, Nov. 3, 2019; proposals, Dec. 3, 2019.

Funds:

\$1.6 million total in FY2020 for two awards. The maximum project period is five years.

Areas:

Applications submitted for this announcement should be directly focused on diseases or conditions that are central to the mission of DEMD: diabetes—diabetes and other metabolic disorders, including inborn errors of metabolism and rare genetic metabolic diseases such as lipodystrophy and maturity-onset diabetes of the young, and nonpulmonary aspects of cystic fibrosis pathogenesis and pathophysiology, among others; endocrinology—development, metabolism and basic biology of the endocrine system, including pathophysiology of endocrine disorders involving the thyroid and parathyroid and neuroendocrinology of energy balance, including neural pathways and peptides that regulate feeding behavior, satiety and energy expenditure; and metabolism—mechanisms regulating metabolism, metabolic dysfunction and tissue crosstalk in specific peripheral tissues such as adipose, bone, muscle or liver, and effects of the intrauterine environment on metabolic responses in offspring.

www.grants.gov; FON# RFA-DK-19-014

NSF DEADLINES

<u>Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)</u>	<u>18-522</u>	Letter of Intent: September 3, 2019
<u>Science of Organizations (SoO)</u>		Full Proposal: September 3, 2019
<u>Tribal Colleges and Universities Program (TCUP)</u>	<u>16-531</u>	Full Proposal: September 3, 2019
<u>Tribal Colleges and Universities Program (TCUP)</u>	<u>18-546</u>	Full Proposal: September 4, 2019
<u>Geography and Spatial Sciences Program (GSS)</u>	<u>17-566</u>	Full Proposal: September 5, 2019
<u>Mathematical Biology</u>		Full Proposal: September 5, 2019
<u>Smart and Connected Communities (S&CC)</u>	<u>19-564</u>	Full Proposal: September 6, 2019
<u>A Science of Science Policy Approach to Analyzing and Innovating the Biomedical Research Enterprise (SCISIPBIO)</u>	<u>19-547</u>	Full Proposal: September 9, 2019
<u>Science of Science and Innovation Policy (SciSIP)</u>		Full Proposal: September 9, 2019
<u>Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)</u>	<u>15-583</u>	Full Proposal: September 9, 2019
<u>Tribal Colleges and Universities Program (TCUP)</u>	<u>18-546</u>	Full Proposal: September 9, 2019
<u>International Research Experiences for Students (IRES)</u>	<u>19-585</u>	Full Proposal: September 10, 2019
<u>Focused Research Groups in the Mathematical Sciences (FRGMS)</u>	<u>16-577</u>	Full Proposal: September 11, 2019
<u>NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)</u>	<u>18-565</u>	Full Proposal: September 11, 2019
<u>Computational and Data-Enabled Science and Engineering (CDS&E)</u>		Full Proposal: September 16, 2019
<u>Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)</u>		Full Proposal: September 16, 2019
<u>Documenting Endangered Languages (DEL)</u>	<u>18-580</u>	Full Proposal: September 16, 2019
<u>Leading Engineering for America's Prosperity, Health, and Infrastructure (LEAP HI)</u>	<u>17-602</u>	Full Proposal: September 16, 2019
<u>Tribal Colleges and Universities Program (TCUP)</u>	<u>16-531</u>	Full Proposal: September 16, 2019
<u>CNH2: Dynamics of Integrated Socio-Environmental Systems</u> C Crosscutting	<u>19-528</u>	Letter of Intent: September 17, 2019

<u>International Research Experiences for Students (IRES)</u>	<u>19-585</u>	Full Proposal: September 17, 2019
<u>Improving Undergraduate STEM Education: Hispanic-Serving Institutions (HSI Program)</u>	<u>19-540</u>	Full Proposal: September 18, 2019
<u>Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DMS/NIGMS)</u>	<u>18-566</u>	Full Proposal: September 18, 2019
<u>Research Experiences for Teachers (RET) in Engineering and Computer Science</u>	<u>17-575</u>	Full Proposal: September 18, 2019
<u>Tribal Colleges and Universities Program (TCUP)</u>	<u>18-546</u>	Full Proposal: September 20, 2019
<u>Cooperative Studies Of The Earth's Deep Interior (CSEDI)</u>	<u>16-572</u>	Full Proposal: September 23, 2019
<u>Combinatorics</u>		Full Proposal: September 24, 2019
<u>Foundations</u>		Full Proposal: September 24, 2019
<u>International Research Experiences for Students (IRES)</u>	<u>19-585</u>	Full Proposal: September 24, 2019
<u>Probability</u>		Full Proposal: September 25, 2019
<u>Cyber-Physical Systems (CPS)</u>	<u>19-553</u>	Full Proposal: September 26, 2019
<u>Innovations in Graduate Education (IGE) Program</u> N NSF-wide	<u>17-585</u>	Full Proposal: September 27, 2019
<u>NSF Quantum Computing & Information Science Faculty Fellows (QCIS-FF)</u>	<u>19-507</u>	Full Proposal: September 27, 2019
<u>Computational and Data-Enabled Science and Engineering (CDS&E)</u>		Full Proposal: September 30, 2019
<u>Computer and Information Science and Engineering (CISE): Core Programs</u>	<u>19-589</u>	Full Proposal: September 30, 2019
<u>Critical Aspects of Sustainability (CAS)</u>		Full Proposal: September 30, 2019
<u>Division of Chemistry: Disciplinary Research Programs (CHE-DRP)</u>	<u>19-577</u>	Full Proposal: September 30, 2019
<u>Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)</u>	<u>17-590</u>	Full Proposal: September 30, 2019
<u>Restricted-Access Research Data Centers (RDCs)</u>	<u>15-586</u>	Full Proposal: September 30, 2019
<u>Secure and Trustworthy Cyberspace Frontiers (SaTC Frontiers)</u>	<u>19-572</u>	Full Proposal: September 30, 2019
<u>WINDOWS ON THE UNIVERSE: THE ERA OF MULTI-MESSENGER ASTROPHYSICS (WoU-MMA)</u>		Full Proposal: September 30, 2019

NIH DEADLINES

<u>Activity Codes</u>		<u>Program Description</u>	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P All - new, renewal, resubmission, revisions	Series	Program Project Grants and Center Grants 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 R25 All - new, renewal, resubmission, revision		Research Demonstration Education	January 25	May 25	September 25
T D All - new, renewal, resubmission, revision	Series Series	Institutional National Research Service Awards Training Grants 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 All - new, renewal, resubmission, revision		Construction Grants	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 All - new, renewal, resubmission, revision		Other Activity Codes	January 25	May 25	September 25
R01 new		Research Grants	February 5	June 5	October 5
U01 new		Research Grants - Cooperative Agreements	February 5	June 5	October 5
K series new		Research Career Development	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

Activity CodesProgram DescriptionCycle I
Due
DateCycle II
Due DateCycle III
Due Date

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*