



## WELCOME...

... TO THE FEBRUARY 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 MINORITY HEALTH AND HEALTH DISPARITIES/THE NATIONAL CANCER INSTITUTE (NIMHD/NCI), THE NATIONAL INSTITUTE OF AGING (NIA), THE CORPORATION FOR NATIONAL AND COMMUNITY SERVICES (CNCS), THE DEPARTMENT OF JUSTICE (DOJ), THE DEPARTMENT OF INTERIOR (DOI), THE DEPARTMENT OF ENERGY (DOE), THE LILY AUCHINCLOSS FOUNDATION, THE RUSSELL SAGE FOUNDATION, AND THE JUNEAU ARTS AND HUMANITIES COUNCIL.

# O.R.S.P

## Grant

## Announcement

## Letter

FEBRUARY 2020



### 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.

## A MAJOR CONGRATULATIONS TO THE FOLLOWING AWARD RECIPIENTS!

DOE – Steven Markowitz

NIH – Jun-Yong Choi

# FEBRUARY

## Research collaborations— Foundations of deep learning (NSF)

**Scope:**

To jointly sponsor new research collaborations consisting of mathematicians, statisticians, electrical engineers and theoretical computer scientists.

**Deadline:**

Letters of Intent, March 20, 2020; proposals, April 30, 2020.

**Funds:**

\$20 million total for up to two awards.

**Areas:**

Research activities will be focused on explicit topics involving some of the most challenging questions in the general area of mathematical and scientific foundations of deep learning. Each collaboration will conduct training through research involvement of recent doctoral degree recipients, graduate students and/or undergraduate students from across this multidisciplinary spectrum.

[www.grants.gov](http://www.grants.gov); FON# 20-540

## Computer Science for All (CSforAll: Research and RPPs)

**Scope:**

This program aims to provide all U.S. students with the opportunity to participate in computer science (CS) and computational thinking (CT) education in their schools at the preK-12 levels.

**Deadline:**

Full Proposal Deadline(s) (due by 5 p.m. submitter's local time):

April 13, 2020

February 10, 2021

Second Wednesday in February, Annually Thereafter

**Funds:**

Anticipated Funding Amount: \$20,000,000

**Areas:**

With this solicitation, the National Science Foundation (NSF) focuses on both research and researcher-practitioner partnerships (RPPs) that foster the research and development needed to bring CS and CT to all schools. Specifically, this solicitation aims to provide (1) high school teachers with the preparation, professional development (PD) and ongoing support they need to teach rigorous computer science courses; (2) preK-8 teachers with the instructional materials and preparation they need to integrate CS and CT into their teaching; and (3) schools and districts with the resources needed to define and evaluate multi-grade pathways in CS and CT.

<https://www.nsf.gov/pubs/2020/nsf20539/nsf20539.htm>

# FEBRUARY

## Research Training Groups in the Mathematical Sciences (RTG)

**Scope:**

To strengthen the nation's scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences.

**Deadline:**

June 2, 2020

**Funds:**

Anticipated Funding Amount: \$10,000,000 over 3 to 10 awards

**Areas:**

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.

<https://www.nsf.gov/pubs/2014/nsf14585/nsf14585.htm>

## Surgical Disparities Research (NIMHD/NCI)

**Scope:**

To stimulate research focused on understanding and addressing health disparities in surgical care and outcomes for patients who are from minority and other health disparity populations.

**Deadline:**

Letters of Intent are due 30 days prior to the application due date; proposals are due June 5, 2020; June 5, 2021; and June 5, 2022.

**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:**

Examples of research methods could include but are not limited to: cluster-randomized, randomized or pragmatic clinical trials of the effectiveness of new or existing technologies that involve broad inclusion of patients and adequately reflect the action on the health determinants; and use of large-scale longitudinal datasets, data mining techniques, registries, and integration of quantitative and qualitative analytical frameworks and techniques to address and inform implementation of interventions addressing surgical disparities. NCI said examples of potential topic areas include but are not limited to: practice/system characteristics, including size, single versus multispecialty, use of safety net hospitals and staffing/use of nonphysician professionals, and clinician characteristics, including sex, race/ethnicity, specialty training, time since graduation and volume; and coordination of care, including access to patient navigators, between surgeons and medical and radiation oncologists, both before and after surgery.

[www.grants.gov](http://www.grants.gov); FON# PAR-20-079

# FEBRUARY

## National Alzheimer's Coordinating Center (NIA)

**Scope:**

To serve NIA and the Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD) field.

**Deadline:**

Letters of Intent, May 17, 2020; proposals, June 17, 2020.

**Funds:**

\$8 million in FY2021 to fund one award. The maximum project period is five years.

**Areas:**

The center will act as (1) a national data resource, collecting data from the Alzheimer's Disease Research Centers (ADRCs), affiliated data and sample repositories; (2) a facilitator of current and future AD/ADRD research; and (3) the central hub for organizing and enabling communication within and outside the ADRC program, including annual meetings and steering committees.

[www.grants.gov](http://www.grants.gov); FON# RFA-AG-21-014

## Day of Service Grants (CNCS)

**Scope:**

Seeks applications for the FY2020 Day of Service Grants announcement, including both the September 11th Day of Service and Remembrance and Martin Luther King Jr. Day of Service.

**Deadline:**

March 25, 2020.

**Funds:**

\$2.2 million total for up to 15 awards.

**Areas:**

Funding will support the September 11th Day of Service and Remembrance grants to mobilize more Americans to engage in service activities that meet vital community needs and honor the sacrifice of those who lost their lives on September 11, 2001, or who rose in service as a result of that tragedy. Funding for the Martin Luther King Jr. Day of Service grants may be used to mobilize more Americans to observe the Martin Luther King Jr. federal holiday as a day of service in communities, to encourage those who serve on this holiday to make a long-term commitment to community service and to bring people together to focus on service to others.

[www.grants.gov](http://www.grants.gov); FON# CNCS-01-23-20

# FEBRUARY

## Preparing for Active Shooter Situations (DOJ)

**Scope:**

Applications for the Preparing for Active Shooter Situations announcement to increase law enforcement and public safety.

**Deadline:**

March 31, 2020.

**Funds:**

\$8.6 million total for one award.

**Areas:**

Funding will support scenario-based training that prepares officers and other first responders to safely and effectively handle active-shooter and other violent threats.

[www.grants.gov](http://www.grants.gov); FON# COPS-PASS-2020

## Fisheries and Aquatic Resource Management Master (DOI)

**Scope:**

To work with partner organizations to accomplish goals of the BLM Aquatic Habitat Management.

**Deadline:**

July 15, 2020.

**Funds:**

\$1 million total for up to five awards ranging from \$25,000 to \$100,000.

**Areas:**

Activities may include but are not limited to: development and/or implementation of watershed management plans; increased local capacity to protect and enhance aquatic habitat and water quality, promote water conservation and sustain the present health of the watershed; improvements in the resiliency of ecosystems, communities and economies in the watershed; improvements in the hydraulic and geomorphic conditions of streams; and removal of invasive plants and animals to enhance fish habitat, water quality and the physical characteristics of the stream.

[www.grants.gov](http://www.grants.gov); FON# L2oAS00037



# FEBRUARY

## Bioenergy Technologies Multi-Topic (DOE)

**Scope:**

To address the Bioenergy Technologies Offices' highest-priority research and development areas.

**Deadline:**

April 30, 2020.

**Funds:**

\$97 million total for up to 21 awards ranging from \$1 million to \$10 million.

**Areas:**

Priority topic areas include: Scale Up of Bench Applications, Waste to Energy Strategies for the Bioeconomy, Algae Bioproducts and CO<sub>2</sub> Direct-Air-Capture Efficiency, Bio-Restore: Biomass to Restore Natural Resources, Efficient Wood Heaters, Biopower and Products from Urban and Suburban Wastes: North American Multi-University Partnership for Research and Education, and Scalable CO<sub>2</sub> Electrocatalysis.

[www.grants.gov](http://www.grants.gov); FON# DE-FOA-0002203

## Advanced Vehicle Technologies Research (DOE)

**Scope:**

To address priority research areas.

**Deadline:**

April 14, 2020.

**Funds:**

\$133 million total for up to 78 awards of up to \$7.5 million.

**Areas:**

Research priorities include: advanced batteries and electrification in support of the recently announced DOE Energy Storage Grand Challenge; advanced engine and fuel technologies, including technologies for off-road applications and alternative fueled engines; lightweight materials; new mobility technologies (energy-efficient mobility systems); and alternative fuels technology demonstrations.

[www.grants.gov](http://www.grants.gov); FON# DE-FOA-0002197

# FEBRUARY

## Lily Auchincloss Foundation Grants

### Scope:

Foundation grant categories have individual seasonal cycles and application deadlines that occur once per year: the Spring Cycle for Environmental, the Fall Cycle for the Arts, and the Winter Cycle for Human Services.

### Deadline:

#### Spring Cycle: Environmental Grants

3/15 – 4/15 Applications Open  
4/15 5:00pm EST Application Deadline  
5/1 – 5/31 Proposal Review & Applicant Contacted  
July – Grantees Announced

#### Fall Cycle: Arts Grants

7/15 – 8/15 Applications Open  
8/15 5:00pm EST Application Deadline  
10/1 – 10/31 Proposal Review & Applicant Contacted  
December – Grantees Announced

#### Winter Cycle: Human Services Grants

11/15 – 12/15 Applications Open  
12/15 5:00pm EST Application Deadline  
2/1 – 2/31 Proposal Review & Applicant Contacted  
April – Grantees Announced

<https://lilynyc.org/>

## Research Grants (Core Programs and Special Initiatives) (Russell Sage)

Click the link below for all upcoming RSF opportunities and deadlines:

<https://www.russellsage.org/how-to-apply/application-deadlines>

## Juneau Arts and Humanities Council Fine Arts Scholarships and Advanced Arts Achievement Awards

Click the link below for all upcoming JAHc opportunities and deadlines:

<https://www.jahc.org/resources/for-public/scholarships-and-grants/#cbj-major>

# NSF DEADLINES

<a href="#"><u>ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions (ADVANCE)</u></a> N NSF-wide	<a href="#"><u>19-552</u></a> Full Proposal: March 2, 2020
<a href="#"><u>GeoPRISMS Program</u></a>	<a href="#"><u>19-581</u></a> Full Proposal: March 2, 2020
<a href="#"><u>NSF/CASIS Collaboration on Tissue Engineering and Mechanobiology on the International Space Station (ISS) to Benefit Life on Earth</u></a>	<a href="#"><u>20-500</u></a> Full Proposal: March 2, 2020
<a href="#"><u>NSF/CASIS Collaboration on Transport Phenomena Research on the International Space Station (ISS) to Benefit Life on Earth (NSF-ISS)</u></a>	<a href="#"><u>20-501</u></a> Full Proposal: March 2, 2020
<a href="#"><u>Reproducible Cells and Organoids via Directed-Differentiation Encoding (RECODE)</u></a>	<a href="#"><u>20-541</u></a> Letter of Intent: March 2, 2020
<a href="#"><u>Understanding the Rules of Life: Microbiome Theory and Mechanisms (URoL:MTM)</u></a> N NSF-wide	<a href="#"><u>20-513</u></a> Full Proposal: March 2, 2020
<a href="#"><u>Long-Term Ecological Research (LTER)</u></a>	<a href="#"><u>19-593</u></a> Full Proposal: March 5, 2020
<a href="#"><u>Small Business Innovation Research Program Phase I (SBIR)</u></a> N NSF-wide	<a href="#"><u>20-527</u></a> Full Proposal: March 5, 2020
<a href="#"><u>Small Business Innovation Research Program Phase II</u></a> N NSF-wide	<a href="#"><u>20-545</u></a> Full Proposal: March 5, 2020
<a href="#"><u>Small Business Technology Transfer Program Phase I (STTR)</u></a> N NSF-wide	<a href="#"><u>20-528</u></a> Full Proposal: March 5, 2020
<a href="#"><u>Small Business Technology Transfer Program Phase II</u></a> N NSF-wide	<a href="#"><u>20-546</u></a> Full Proposal: March 5, 2020
<a href="#"><u>Future of Work at the Human-Technology Frontier: Core Research (FW-HTF)</u></a> N NSF-wide	<a href="#"><u>20-515</u></a> Full Proposal: March 9, 2020
<a href="#"><u>EarthCube: C Crosscutting</u></a>	<a href="#"><u>20-520</u></a> Full Proposal: March 12, 2020
<a href="#"><u>Semiconductor Synthetic Biology for Information Storage and Retrieval (SemiSynBio-II)</u></a> C Crosscutting	<a href="#"><u>20-518</u></a> Full Proposal: March 16, 2020
<a href="#"><u>Algorithms for Threat Detection (ATD)</u></a>	<a href="#"><u>20-531</u></a> Full Proposal: March 18, 2020
<a href="#"><u>Next Generation Software for Data-driven Models of Space Weather with Quantified Uncertainties (SWQU)</u></a> C Crosscutting	<a href="#"><u>20-519</u></a> Full Proposal: March 20, 2020
<a href="#"><u>NSF-Simons Research Collaborations on the Mathematical and Scientific Foundations of Deep Learning (MoDL)</u></a>	<a href="#"><u>20-540</u></a> Letter of Intent: March 20, 2020
<a href="#"><u>NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)</u></a>	<a href="#"><u>20-526</u></a> Full Proposal: March 25, 2020
<a href="#"><u>EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2020</u></a>	<a href="#"><u>19-599</u></a> Full Proposal: March 26, 2020
<a href="#"><u>Dimensions of Biodiversity FY2020</u></a>	<a href="#"><u>20-524</u></a> Full Proposal: March 27, 2020
<a href="#"><u>Principles and Practice of Scalable Systems (PPoSS)</u></a>	<a href="#"><u>20-534</u></a> Full Proposal: March 30, 2020



# NIH DEADLINES

<u>Activity Codes</u>		<u>Program Description</u>	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P	Series	<b>Program      Project      Grants      and      Center      Grants</b>			
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 R25		<b>Research Demonstration Education</b>			
All - new, renewal, resubmission, revision			January 25	May 25	September 25
T	Series	<b>Institutional      National      Research</b>			
		<b>Service      Awards</b>			
D	Series	<b>Other      Training      Grants</b>			
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 <a href="#">IC Table of Contacts</a> for information for each IC's scientific/research contact for the NRSA T32 program.	January 25	May 25	September 25
C06/UC6		<b>Construction Grants</b>			
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		<b>Other Activity Codes</b>			
All - new, renewal, resubmission, revision			January 25	May 25	September 25
R01 new		<b>Research Grants</b>			
			February 5	June 5	October 5
U01 new		<b>Research Grants - Cooperative Agreements</b>			
			February 5	June 5	October 5
K series new		<b>Research Career Development</b>			
			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 <b>new</b>	<b>Other Research Grants and Cooperative Agreements</b>	February 16	June 16	October 16
R15 <b>All - new, renewal, resubmission, revision</b>	<b>Academic Research Enhancement Award (AREA)</b>	February 25	June 25	October 25
R01 <b>renewal, resubmission, revision</b>	<b>Research Grants</b>	March 5	July 5	November 5
U01 <b>renewal, resubmission, revision</b>	<b>Research Grants - Cooperative Agreements</b>	March 5	July 5	November 5
K series <b>renewal, resubmission, revision</b>	<b>Research Career Development</b>	March 12	July 12	November 12
R03, R21, R33, R21/R33, R34, R36, U34, UH2, UH3, UH2/UH3 <b>renewal, resubmission, revision</b>	<b>Other Research Grants and Cooperative Agreements</b>	March 16	July 16	November 16
F Series Fellowships (including F31 Diversity – <a href="#">NOT-OD-17-029</a> ) <b>new, renewal, resubmission</b>	<b>Individual National Research Service Awards (Standard)</b> (see <a href="#">NRSA Training Page</a> )	April 8	August 8	December 8
R13, U13 <b>All - new, renewal, resubmission, revision</b>	<b>Conference Grants and Conference Cooperative Agreements</b>	April 12	August 12	December 12
R41, R42	<b>Small Business Technology Transfer (STTR)*</b>			
R43, R44, U43, U44, <b>All - new, renewal, resubmission, revision, AIDS and AIDS-related</b>	<b>Small Business Innovation Research (SBIR)*</b> <b>Commercialization Readiness Pilot (CRP) Program*</b>	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 <b>new, renewal, resubmission, revision</b>	<b>AIDS and AIDS-Related Applications</b>  *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 Codes

Program Description

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*