

NJIT Research Newsletter

Issue: ORN-2020-19

NJIT Research Newsletter includes recent awards, and announcements of research related seminars, webinars, national and federal research news related to research funding, and **Grant Opportunity Alerts** (with links to sections). The full Newsletter with brief description of grant opportunities is posted on the Research Website <https://research.njit.edu/funding-opportunities>.

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Special Announcements

NSF Electronic Research Administration Forum Presentation NSF New Biographical Sketch and Current and Pending Support Forms

NSF hosted the most recent ERA Forum Webinar on May 14, 2020 on NSF-approved Formats for the Biographical Sketch and Current and Pending Support Sections of NSF Proposals; the new Award Notice; and Research.gov Demo of Separately Submitted Collaborative Proposals from Multiple Organizations. Please use the following links to access the agenda and presentation material.

- [Agenda](#)
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NJIT Pandemic Recovery Plan

Research Continuity Plan Update: Phased Recovery Operations

<https://research.njit.edu/njit-research-continuity-plan>

NJIT faculty, staff, and students at research facilities must follow the specific social distancing and safety protocols including the use of personnel protective equipment (PPE) as required by the institutional, state and federal guidelines in the respective phase of the research continuity plan. State and national information regarding current conditions can be found at:

- New Jersey's COVID-19 information hub: <https://covid19.nj.gov/index.html>
- White House Plan for Opening up America Again: <https://www.whitehouse.gov/wp-content/uploads/2020/04/Guidelines-for-Opening-Up-America-Again.pdf>

The following guidelines should be adapted with each respective phase for the recovery of research operations. We are currently in Phase 0. Based on the assessment of federal, state and local regulations, NJIT will announce the periods of subsequent phases for gradual recovery.

Recovery Phase 0: All non-essential research operations halted. Essential research operations follow strictest social distancing and safety protocols with only essential staff.

- Safety within laboratories must be rigorously maintained with adequate access to PPE and other safety related supplies. Labs will not be authorized for access unless adequate safety supplies are identified as being available. PIs must identify by name the people that will be considered essential personnel (including replacements/backups). During this time all essential research operations (ERO) must be approved by chair, dean, and the senior vice provost for research through the emergency research continuity plan process currently in place.
- Research involving human subjects that requires face-to-face interaction with human subjects is halted.
- Research that can be conducted remotely should be continued to the extent possible.

Recovery Phase 1: Minimal research operations approved through chairs, deans and senior vice provost for research to pursue time-sensitive priority research such as projects related to COVID-19 response; approved Essential Research Operation (ERO) plans in Phase-0; long-term research experiments with cell-lines, animals, and human subjects that were already underway before Phase-0; grants and contracts expiring within six months; submission of proposals in response to special solicitations (Requests for Proposals); and projects involving students with graduation requirements.

- Requests for projects considered time-sensitive should be directed to departmental chairs. The dean and senior vice provost for research will provide guidance as needed.
- All research operations at NJIT facilities in this phase must follow the highest possible level of social distancing implemented.
- Research that can be conducted remotely should be continued to the extent possible.

Recovery Phase 2: Most research operations, whether sponsored through external grants and contracts or internally funded, may be restarted through the approval of department chairs using significant social distancing and safety protocols with restrictions on the number of researchers and staff present in laboratories at one time.

- The Phase 2 restart may require developing flexible work schedules, plan for supply chain issues, and prepare core and fabrication facilities in advance of need. To ensure social distancing

requirements and to reduce density of research personnel in university research spaces, the lab directors should consider permitting flexible lab access schedules, work shifts or staggered workdays, and extended facilities support to enable more round-the-clock operation of research facilities. Under no circumstances should safety be sacrificed due to lack of adequate supplies, type, and quality of PPE.

- Research that can be conducted completely remotely or in addition to the on-campus operations should continue to be conducted in that manner.

Recovery Phase 3: Most research operations on funded and unfunded projects along with research required for future proposal submissions are restored with minimal social distancing and personnel safety protocols.

- Group meetings and research presentations with faculty, staff and students should be restricted and kept to a minimal size protecting any vulnerable participants. If possible, these meetings should continue to be held online until we reach a state of full recovery.
- Other laboratory safety protocols must be strictly followed.
- Research that can be conducted completely remotely or in addition to the on-campus operations should continue to be conducted in that manner.

Full Recovery: All research operations are restored fully with no specific social distancing requirements. However, all laboratory and personnel safety protocols must be strictly followed.

This document refers to research conducted on the NJIT campus in Newark, NJ, including the physical campus and activities that have direct contact with individuals (human subjects) anywhere. Satellite locations, such as the Big Bear Solar Observatory in California, must follow a similar phased approach informed by local conditions.

Guidance on Financial Management of Grants and Contracts

Funding agencies such as NSF, NIH and DoD are following the OMB guidance with respect to grant management during this disruption to university business and research. The [OMB Memorandum M-20-17](#) with the important information on the financial management of the research grants and contracts from various agencies is posted on the research website <https://research.njit.edu/njit-research-continuity-plan>. Principal investigators should check with the specific funding agency websites for more information.

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Grant Opportunity Alerts

Keywords and Areas Included in the Grant Opportunity Alert Section Below

[NSF](#): Division of Chemistry: Disciplinary Research Programs (CHE-DRP); Plant Biotic Interactions; Centers for Chemical Innovation (CCI); Industry-University Cooperative Research Centers Program (IUCRC); Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

NIH: Research Program Award (R35); NIH Small Research Grant Program (R03); NIH Exploratory/Developmental Research Grant Program (R21); NIH Research Project Grant (R01); Notice of Special Interest (NOSI): Data Driven Research on Coronavirus Disease 2019 (COVID-19) (R21)
Department of Defense/US Army/DARPA/ONR: DoD Hearing Restoration Focused Research Award; DoN Science, Technology, Engineering & Mathematics (STEM), Education and Workforce Program; DoD, Breast Cancer, Innovator Award; DoD Multiple Sclerosis, Investigator Award
Department of Transportation: UTC PROGRAM TIER 1 COMPETITION 2020
Department of Agriculture: Distance Learning and Telemedicine Grants; Biotechnology Risk Assessment Grants Program; REAP-Renewable Energy Systems and Energy Efficiency Improvements
Department of Labor: Youth Apprenticeship Readiness Grant Program
EPA: Assessment Tools for Biotechnology Products
Department of Energy: Next-Generation Technologies and Field Validation; Notice of Intent to Issue Funding Opportunity Announcement No. DE-FOA-0002252; Artificial Intelligence and Decision Support for Complex Systems
NASA: ROSES 2020: Astrophysics Pioneers; The New (Early Career) Investigator Program in Earth Science; Early Stage Innovations (ESI)
National Endowment of Humanities: Research and Development; Advanced Topics in the Digital Humanities; Fellowships
Special COVID-19 Research and SBIR/STTR Funding Programs: NIBIB RADx and DoD SBIR/STTR Programs
Private Foundations: Brain Health Foundation: 2021 Scientific Innovations Award
Facebook: Facebook Research

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Recent Research Grant and Contract Awards

Congratulations to faculty and staff on receiving research grant and contract awards!

PI: Jacob Chakareski (PI)

Department: Informatics

Grant/Contract Project Title: CCSS: Collaborative Research: Ubiquitous Sensing for V/AR? Immersive Communication: A Machine Learning Perspective

Funding Agency: NSF

Duration: 04/10/20-06/30/21

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In the News...

(National and Federal News Related to Research Funding and Grant Opportunities)

\$4.745 B to NIH, \$125 Million to NSF for COVID-19 Related Research: The Democrats' [Health and Economic Recovery Omnibus Emergency Solutions \(HEROES\) Act](#) passed 208-199. A [House fact sheet](#) on the HEROES Act says it would give the National Institutes of Health \$4.745 billion "to expand COVID-19-related research on the NIH campus and at academic institutions across the country and to

support the shutdown and startup costs of biomedical research laboratories nationwide." The bill directs \$3 billion to offset "costs related to reductions in lab productivity resulting from the coronavirus pandemic or public health measures related to the coronavirus pandemic," and \$1 billion "to support additional scientific research or the programs and platforms that support research:" The National Science Foundation's sum would be "to prevent, prepare for, and respond to coronavirus, including to fund research grants, of which \$1,000,000 shall be for a study on the spread of COVID-19 related disinformation:" Lewis-Burke's overall assessment: "While the bill addresses some of the issues raised by the higher education and research community, it still falls short of relief requests submitted to congressional leadership."

National Institutes of Health – \$4.745 billion to expand COVID-19-related research on the NIH campus and at academic institutions across the country and to support the shutdown and startup costs of biomedical research laboratories nationwide. Assistant Secretary for Preparedness and Response – \$4.575 billion to respond to coronavirus, including: ♣ \$3.5billion for Biomedical Advanced Research and Development Authority (BARDA) for therapeutics and vaccines; ♣ \$500 million for BARDA to support U.S.-based next generation manufacturing facilities; ♣ \$500 million for BARDA to promote innovation in antibacterial research and development; and ♣ \$75 million for the Office of Inspector General

\$100 B for Education: Of the HEROES Act amount, "\$90 billion is allocated for grants to governors to distribute among K-12 schools and public colleges and universities," Lewis-Burke reports. "The remaining \$10 billion is for higher education stabilization. A major change to the final version of the bill . . . compared to the original proposal that was released earlier this week is related to student loan forgiveness. In the original version, up to \$10,000 in student loan forgiveness was allowed for each borrower; however, the final version makes this only available to 'economically distressed borrowers.'"

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Webinar and Events

Event: IUCRC Solicitation Webinar

Sponsor: ASES Webinar

When: May 19, 2020 2:00 PM – 4.00 PM

Website:

https://www.nsf.gov/events/event_summ.jsp?cntn_id=300541&WT.mc_id=USNSF_13&WT.mc_ev=click

Brief Description: The NSF Industry-University Cooperative Research Centers (IUCRC) program will host a webinar about the [new IUCRC funding announcement \(solicitation 20-570\)](#).

Changes to the program include a new Phase II funding model, centralized coordination and management of multi-site Centers, and two membership levels.

To Join the Webinar: [REGISTER HERE](#)

Event: SBIR/STTR Proposal Prep for NIH Webinar

Sponsor: WMU School of Medicine

When: May 20, 2020 9:00 AM – 3.00 PM

Website: <https://register.gotowebinar.com/register/4689808924694319118>

Brief Description: This workshop will provide detailed instruction on developing competitive proposals for the National Institutes of Health's SBIR/STTR program. In addition to up-to-date information on the

SBIR/STTR programs. Expect to learn: • Registration process necessary for submission • Strategies for targeting your proposal to meet the reviewers' expectations • How to approach each section of the proposal • Budget planning • Common pitfalls and how to avoid them, and more

To Join the Webinar: Register at above URL.

Event: Webinar: Today's Reality: Universities and Industry Engagement

Sponsor: UIDP

When: May 20, 2020 12.00 PM – 1.00 PM

Website: <https://web.event.com/event/68677287-cc4c-46fe-a779-1507f14a3062/summary?rp=00000000-0000-0000-0000-000000000000>

Brief Description: All companies and universities are profoundly impacted by the ramifications from COVID-19. While much of the news is about classes, students on campus, and athletics, university-industry engagement is also feeling the effects. This session will explore how universities are rapidly adapting to the current realities through their corporate partnerships.

To Join the Webinar: Register at above URL.

Event: May Virtual Office Hour with The Division of Integrative Organismal Systems (IOS)

Sponsor: NSF

When: May 21, 2020 1:00 PM – 2.00 PM

Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=300531&org=NSF

Brief Description: The May IOS Virtual Office Hour will be held May 21st from 1pm-2pm EDT. This Office Hour will include discussion of recent solicitations and Dear Colleague Letters that have been announced by NSF, as well as the discussion of NSF resources for researchers who want to explore practical applications for their ideas: the Innovation Corps (I-Corps), which uses experiential education to help researchers gain valuable insight into entrepreneurship, starting a business or industry requirements and challenges; and the Grant Opportunities for Academic Liaison with Industry Program (GOALI) proposal type, which seeks to stimulate collaboration between academic research institutions and industry. The Office Hour will also provide information about the Small Business Innovation Research and Small Business Technology Transfer (SBIR, STTR) Programs, which provide seed money for startups and small businesses from Biology-oriented innovations that transform ideas into marketable products and services. For NSF COVID-19 related topics visit our web site: https://www.nsf.gov/news/special_reports/coronavirus.

To Join the Webinar: Office hour registration and sign in for May 21, 2020:

[Zoom registration link](#) – Be sure to choose May 21st!

Event: NSF Earth Sciences Virtual Office Hours

Sponsor: NSF

When: May 21, 2020 3:00 PM – 4.00 PM

Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=300559&org=NSF

Brief Description: The NSF Division of Earth Sciences (EAR) will be continuing our Office Hours series with an upcoming session “Navigating the NSF System” on May 21, 2020 from 3:00-4:30PM EDT. Acting Head of the Disciplinary Programs Section and Program Director for Petrology and Geochemistry, Dr. Jennifer Wade, will conduct the session. In the past, this session has been presented at AGU in workshop format. The session will consist of a presentation by Dr. Wade as well as a Q&A portion. This session is aimed at scientists thinking about applying for NSF funding for the first time. Dr. Wade will discuss the NSF merit review process and criteria. EAR is committed to assuring current and future PIs that NSF embraces direct interaction with program staff – we are accessible and supportive and want them to succeed.

To Join the Webinar: Register in advance at https://nsf.zoomgov.com/webinar/register/WN_uQSMazECSLOTcO7zEUONBQ

Event: CBET CAREER Webinar and Breakout Sessions

Sponsor: NSF

When: May 22, 2020 1:00 PM – 3.00 PM

Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=300540&org=NSF

Brief Description: The National Science Foundation (NSF) [Division of Chemical, Bioengineering, Environmental, and Transport Systems \(CBET\)](#) will hold a webinar to address the CBET community's specific needs and questions related to the [Faculty Early Career Development Program \(CAREER\)](#).

To Join the Webinar: Advance registration is required -- register at: https://nsf.zoomgov.com/meeting/register/vJItcOirqz4jHGM3vs83XtNmXOh1_ED7sw0

Event: Webinar: Maximizing Resources and Technologies for 100% Renewable Energy

Sponsor: ASES Webinar

When: May 27, 2020 2:00 PM - 3:00 PM EDT

Website: <https://register.gotowebinar.com/register/6830066582493833486>

Brief Description: The ASES May Webinar will feature a presentation on maximizing all resources and technologies in order to achieve a 100% renewable energy grid given by SOLAR 20/20 Conference Chair, Scott Sklar. This webinar is directly related to the content being shared at our annual conference, SOLAR 20/20: Renewable Energy Vision on June 24 and 25. Learn more and register now at ases.org/conference.

To Join the Webinar: Please register at the above URL.

Event: NSF Distinguished Lecture Series in Mathematical and Physical Sciences for 2019-20

Sponsor: NSF

When: Various; Please see below.

Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=299152&org=NSF

Brief Description: These lectures will be held at the National Science Foundation, 2415 Eisenhower Ave., Alexandria, VA 22314. Advance sign-up requests are required for preparation of visitor passes by emailing the contact below. Guidelines for visiting NSF are at <https://www.nsf.gov/about/visit/>
June 11, 2020 2:00 PM to June 11, 2020 3:00 PM

To Join the Webinar: Please register at the above URL.

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Grant Opportunities

National Science Foundation

Grant Program: Division of Chemistry: Disciplinary Research Programs (CHE-DRP)

Agency: National Science Foundation NSF 20-577

RFP Website: <https://www.nsf.gov/pubs/2020/nsf20577/nsf20577.htm>

Awards: Standard or continuing grants; **Anticipated Funding Amount:** \$150,000,000

Letters of Intent: Not Required

Proposal Submission Deadline: September 01, 2020 - September 30, 2020

Grant Program: Plant Biotic Interactions

Agency: National Science Foundation NSF 20-576

RFP Website: <https://www.nsf.gov/pubs/2020/nsf20576/nsf20576.htm>

Awards: Standard or continuing grants; **Anticipated Funding Amount:** \$18,500,000

Letters of Intent: Not Required

Proposal Submission Deadline: Proposals Accepted Anytime

Grant Program: Centers for Chemical Innovation (CCI)

Agency: National Science Foundation NSF 20-574

RFP Website: <https://www.nsf.gov/pubs/2020/nsf20574/nsf20574.htm>

Awards: Standard or continuing grants; **Anticipated Funding Amount:** \$9,400,000

Letters of Intent: Not Required

Proposal Submission Deadline:

- **Preliminary Proposal Due Date(s) (required)** (due by 5 p.m. submitter's local time):
August 11, 2020 Phase I Preliminary Proposals
 - **Full Proposal Deadline(s)** (due by 5 p.m. submitter's local time):
January 14, 2021 Phase II Full Proposals
February 17, 2021 Phase I Full Proposals, by invitation only
-

Grant Program: Industry-University Cooperative Research Centers Program (IUCRC)

Agency: National Science Foundation NSF 20-570

RFP Website: <https://www.nsf.gov/pubs/2020/nsf20570/nsf20570.htm>

Awards: Standard or continuing grants; **Anticipated Funding Amount:** \$20,500,000

Letters of Intent: Not Required

Preliminary Proposal Due Date(s) (required) (due by 5 p.m. submitter's local time):

July 07, 2020; September 16, 2020; March 10, 2021

Full Proposal Submission Deadline:

September 08, 2020; December 16, 2020; June 09, 2021

Grant Program: Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

Agency: National Science Foundation NSF 20-569

RFP Website: <https://www.nsf.gov/pubs/2020/nsf20569/nsf20569.htm>

Awards: Cooperative Agreement; **Anticipated Funding Amount:** \$2,000,000 to \$3,000,000

Letters of Intent: Required by **October 05, 2020**

Limit on Number of Proposals per Organization: An organization may serve as a lead organization on only one proposal. Proposals that exceed the organizational limit (beyond the first submission based on timestamp) will be returned without review. No exceptions will be made.

Internal Submission Deadline of Institutional Review: If you would intend to submit a proposal with NJIT as lead institution, please submit a pre-proposal to Atam Dhawan, Senior Vice Provost for Research at dhawan@njit.edu with a copy to your respective department chair and college dean in the following format by **August 1, 2020:**

NSF Format Summary, Intellectual Merit, Broader Impact, List of Key Investigators and Participating Institutions with their specific roles, Biographical Sketch of the PI and Budget Summary.

Proposal Submission Deadline: January 26, 2021

National Institutes of Health

Grant Program: Research Program Award (R35 Clinical Trial Optional)

Agency: National Institutes of Health RFA-NS-20-030

RFP Website: <https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-20-030.html>

Awards: Applicants may request up to a maximum of \$750,000 direct costs per year.

Letter of Intent: July 1, 2020

Proposal Submission Deadline: July 31, 2020

Grant Program: NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)

Agency: National Institutes of Health PA-20-200

RFP Website: <https://grants.nih.gov/grants/guide/pa-files/PA-20-200.html>

Awards: Application budgets are limited to \$50,000 in direct costs per year. The total project period may not exceed two years.

Letter of Intent: Not Required

Proposal Submission Deadline: [Standard dates](#) apply.

Grant Program: NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed)

Agency: National Institutes of Health PA-20-195

RFP Website: <https://grants.nih.gov/grants/guide/pa-files/PA-20-195.html>

Awards: The combined budget for direct costs for the two-year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year.

Letter of Intent: Not Required

Proposal Submission Deadline: [Standard dates](#) apply.

Grant Program: NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)

Agency: National Institutes of Health PA-20-185

RFP Website: <https://grants.nih.gov/grants/guide/pa-files/PA-20-185.html>

Awards: Application budgets are not limited but need to reflect the actual needs of the proposed project.

Letter of Intent: Not Required

Proposal Submission Deadline: [Standard dates](#) apply.

Grant Program: Notice of Special Interest (NOSI): Data Driven Research on Coronavirus Disease 2019 (COVID-19) (R21)

Agency: National Institutes of Health NOT-LM-20-011

RFP Website: <https://grants.nih.gov/grants/guide/notice-files/NOT-LM-20-011.html>

Awards: N/A

Letter of Intent: Not Required

Deadline: This notice applies to due date on June 16, 2020 only.

Submit applications for this initiative using one of the following funding opportunity announcements (FOAs) or any reissues of these announcement through the expiration date of this notice.

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Department of Defense/US Army/DARPA/ONR/AFOSR

Grant Program: DoD Hearing Restoration Focused Research Award

Agency: Department of Defense Dept. of the Army – USAMRAA W81XWH-20-HRRP-FRA

Website: <https://cdmrp.army.mil/funding/pa/FY20-HRRP-FRA.pdf>

Awards: Estimated Total Program Funding: \$10,000,000

Proposal Deadline: Pre-Application Submission Deadline: 5:00 p.m. Eastern time (ET), 14 July, 2020 • Invitation to Submit an Application: August 2020 • Application Submission Deadline: 11:59 p.m. ET, 3 November, 2020

Grant Program: FY20 Funding Opportunity Announcement (FOA) for the Department of Navy (DoN) Science, Technology, Engineering & Mathematics (STEM), Education and Workforce Program

Agency: Department of Defense Office of Naval Research N00014-20-S-F005

Website: <https://www.onr.navy.mil/en/work-with-us/funding-opportunities>

Awards: Various

Proposal Deadline: White Paper Inquiries and Questions 10 June 2020 (Wednesday) White Papers must be received between 04 May 2020 (Monday) and 12 June 2020 (Friday) at 5:00 PM Eastern Time Application Inquiries and Questions 14 August 2020 (Friday) Applications must be received no later than 28 August 2020 (Friday) at 11:59 PM Eastern Time

Grant Program: DoD, Breast Cancer, Innovator Award

Agency: Department of Defense Dept. of the Army – USAMRAA W81XWH-20-BCRP-INNOV-2

Website: <https://cdmrp.army.mil/funding/bcrp>

Awards: Estimated Total Program Funding: \$11,200,000

Proposal Deadline: Pre-Application Submission Deadline: 5:00 p.m. Eastern time (ET), June 24, 2020 • Invitation to Submit an Application: July 29, 2020 • Application Submission Deadline: 11:59 p.m. ET, October 6, 2020

Grant Program: DoD Multiple Sclerosis, Investigator- Initiated Research Award

Agency: Department of Defense Dept. of the Army – USAMRAA W81XWH-20-MSRP-IIRA

Website: <https://www.grants.gov/web/grants/search-grants.html>

Awards: The FY20 appropriation is \$16.0M.

Proposal Deadline: Pre-Application Submission Deadline: 5:00 p.m. Eastern time (ET), June 17, 2020 • Invitation to Submit an Application: July 2020 • Application Deadline: 11:59 p.m. ET, October 1, 2020

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Department of Transportation

Grant Program: UTC PROGRAM TIER 1 COMPETITION 2020

Agency: Department of Transportation UTCTIER1COMP2020

Website: <https://www.transportation.gov/content/university-transportation-centers>

Awards: Up to \$1,925,000; Estimated available funding: \$4,925,000

Letter of Intent: April 29, 2020

Proposal Deadline: May 29, 2020

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Department of Agriculture:

Grant Program: Distance Learning and Telemedicine Grants

Agency: Department of Agriculture RUS-20-02-DLT

Website: <https://www.rd.usda.gov/programs-services/distance-learning-telemedicine-grants>

Awards: Approximately \$25 million, in addition to any available funds not awarded from Window 1, is available for funding opportunities under this FOA.

Proposal Deadline: July 13, 2020

Grant Program: Biotechnology Risk Assessment Grants Program

Agency: Department of Agriculture USDA-NIFA-BRAP-007072

Website: <https://nifa.usda.gov/funding-opportunity/biotechnology-risk-assessment-research-grants-program-brag>

Awards: Up to \$500,000; Anticipated available funding: \$4,500,000

Proposal Deadline: Mar 18, 2020 FY 2020: March 18, 2020 FY 2021: February 24, 2021 Letter of Intent Deadline: February 12, 2020; January 21, 2021 Note: Letter of Intent encouraged but not required

Grant Program: REAP-Renewable Energy Systems and Energy Efficiency Improvements

Agency: Department of Agriculture RDBCP-11-REAP-RES-EEI-2020

Website: <https://www.govinfo.gov/content/pkg/FR-2019-08-30/pdf/2019-18825.pdf>

Awards: Up to \$500,000; Anticipated Funding: \$70 million

Submission Deadline: September 30, 2020

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Department of Labor

Grant Program: Youth Apprenticeship Readiness Grant Program

Agency: Department of Labor FOA-ETA-20-06

Website: <https://www.grants.gov/web/grants/search-grants.html>

Awards: Up to \$5,000,000; Estimated Total Program Funding: \$42,500,000

Proposal Deadline: May 06, 2020

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EPA

**Grant Program: Early Career: Assessment Tools for Biotechnology Products
Assessment Tools for Biotechnology Products (EPA-G2020-STAR-C1)**

Agency: Environmental Protection Agency EPA-G2020-STAR-C2

Website: <https://www.epa.gov/research-grants/assessment-tools-biotechnology-products>

Award: Estimated Number of Awards: Approximately 7 awards, 4 regular and 3 early career awards

Anticipated Funding Amount: Approximately \$4.4 million total for all awards Potential Funding per

Award: Up to a total of \$760,000 for regular awards, and up to a total of \$453,333 for early career awards, including direct and indirect costs, with a maximum duration of 3 years.

Submission Deadline: Solicitation Closing Date: July 15, 2020:11:59:59 pm Eastern Time

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Department of Energy

Grant Program: FY2020 AMO Critical Materials FOA: Next-Generation Technologies and Field Validation

Agency: Department of Energy DE-FOA-0002322

Website: <https://eere-exchange.energy.gov/#FoaIdf92d9b97-2d02-4e2a-8b8a-76cba3a2e114>

Awards: DOE anticipates that, subject to the availability of future year appropriations, the total value of grants made under this FOA will be between \$4 million and \$16 million.

Letter of Intent: See below.

Submission Deadline: Concept Paper Submission Deadline: 6/25/2020 5:00 PM ET

- Full Application Submission Deadline: 8/11/2020 5:00 PM ET
-

Grant Program: Notice of Intent to Issue Funding Opportunity Announcement No. DE-FOA-0002252

Agency: Department of Energy Office of Science DE-FOA-0002249

Website: <https://eere-exchange.energy.gov/#FoaId09466586-5279-4254-926d-219d2cf67dd5>

Awards: Estimated Total Program Funding: \$63,900,000

Letter of Intent: TBD

Submission Deadline: TBD

Grant Program: Artificial Intelligence and Decision Support for Complex Systems

Agency: Department of Energy DE-FOA-0002321

Website: https://science.osti.gov/-/media/grants/pdf/foas/2020/SC_FOA_0002321.pdf

Awards: DOE anticipates that, subject to the availability of future year appropriations, the total value of grants made under this FOA will be between \$4 million and \$16 million.

Letter of Intent: Submission Deadline for Pre-Application: May 6, 2020 at 5:00PM Eastern Time A Pre-Application is required Pre-Application Response Date: May 18, 2020
Submission Deadline: June 5, 2020 at 5:00PM Eastern Time

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NASA

Grant Program: ROSES 2020: Astrophysics Pioneers

Agency: NASA NNH20ZDA001N-PIONEERS

Website: <https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7B0E11C629-2FB1-CF8B-15AA-744BB8CC5D86%7D&path=&method=init>

Awards: \$20M PI cost, over life cycle (real year dollars).

Proposal Deadline: June 15, 2020

Grant Program: ROSES 2020: The New (Early Career) Investigator Program in Earth Science

Agency: NASA NNH20ZDA001N-NIP

Website: <https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7BB05DE781-3B1F-E548-F61A-BB14F66A2FAE%7D&path=&method=init>

Awards: Various; Available funding: \$3,000,000

Proposal Deadline: September 20, 2021

Grant Program: Early Stage Innovations (ESI)

Agency: NASA NNH20ZDA001N-ACT

Website: <https://nspires.nasaprs.com/external/solicitations/summary!init.do?solId=%7B345FEEE2-EF27-604E-0AE0-4528D800AB04%7D&path=open>

Awards: Maximum of \$650K

Notices of Intent Due: May 20, 2020 (5 PM Eastern)

Proposals Due: June 17, 2020 (5 PM Eastern, 2 PM Pacific)

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National Endowment of Humanities

Grant Program: Research and Development

Agency: National Endowment for the Humanities 20200515-PR

Website: <https://www.neh.gov/grants/preservation/research-and-development>

Awards: Tier I provides awards up to \$75,000; Tier II provides awards up to \$350,000

Deadlines: Optional Draft due: April 10, 2020; **Application due:** May 15, 2020

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NIH POCTRN
Fast-Track Program for COVID-19 Test Development and Distribution
Innovative Technologies to Increase U.S. Capacity for COVID-19 Testing
<https://www.poctrn.org/radx>

NIH POCTRN is now accepting proposals for support on a rolling basis until further notice.

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) is urgently soliciting proposals and **can provide up to \$500M** across multiple projects to rapidly produce innovative SARS-CoV-2 diagnostic tests that will assist the public's safe return to normal activities. *Rapid Acceleration of Diagnostics (RADx)*, is a fast-track technology development program that leverages the National Institutes of Health (NIH) Point-of-Care Technology Research Network ([POCTRN](#)). RADx will support novel solutions that build the U.S. capacity for SARS-CoV-2 testing up to 100-fold above what is achievable with standard approaches. RADx is structured to deliver innovative testing strategies to the public as soon as late summer 2020 and is an accelerated and comprehensive multi-pronged effort by NIH to make SARS-CoV-2 testing readily available to every American.

DARPA Transition and Commercialization Support Program and SBIR/STTR RFPs

[DARPA-PA-19-03-07](#) Cooperative Secure Learning (CSL)
Agency: DARPA/I2O
Deadline: June 2, 2020

[SN-NASASBIR-RFI-2020](#)
NASA SBIR/STTR Request for Information
Agency: NASA
Deadline: May 18, 2020

[HR001120S0019](#)
Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)
Agency: DARPA
Deadline: Dec 31, 2020

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Private Foundations

Brain Health Foundation

Grant Program: 2021 Scientific Innovations Award

Agency: Brain Research Foundation

Website: <https://www.thebrf.org/>

Awards: The grant period is for two years totaling \$150,000.

Proposal Deadline: For more information, please download the guidelines here [SIA Guidelines](#). The deadline to submit an LOI is Thursday, June 25, 2020 at 4:00 p.m. CST.

Facebook

Grant Program: Facebook Research

Agency: Facebook

Website: <https://research.fb.com/>

Submission Deadline: June 12, 2020

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Streamlyne Question of the Week

Question: How can I update my eRA Commons ID for all future NIH proposals?

Answer: Go to Main Menu>Setting>Person Extended Attributes, click "Edit", enter it under "eRA Commons User Name" and submit the change/update.

More FAQs on Streamlyne: Please visit <https://research.njit.edu/streamlyne>

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Proposal Submission and Streamlyne Information Internal Timeline for Successful and Timely Proposal Submission

Due to the COVID-19 outbreak, PIs are strongly advised to prepare proposals well in advance of agency deadlines. Every effort will be made to meet agency deadlines following the NJIT Research Continuity Plan (<https://research.njit.edu/njit-research-continuity-plan>).

The NJIT Proposal Submission Guidelines and Policy posted on the website <https://research.njit.edu/research-policies> provides the expected institutional timeline for proposal submission. Streamlyne User Manuals are posted on <https://research.njit.edu/streamlyne>. For contact information on proposal submission, pre-award services and post-award grant management, please visit research website <https://research.njit.edu/researchers>

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Coronavirus (COVID-19) Information on Sponsored Research Impact

Updated May 17, 2020

The Office of Research continues to compile links for agency-specific guidance. The updates will be included in forthcoming Office of Research Newsletters and also posted on website <https://research.njit.edu/njit-research-continuity-plan>
