**Special Announcements**

**Research Labs Ramping Down and Closure Operations**
**During Newark Lockdown**

Starting November 25, 2020

Newark Mayor Ras Baraka has instituted a 10-day, city-wide lockdown beginning Wednesday, November 25, to help curb the spread of COVID-19. As announced earlier, based on the detailed information from the City of Newark, NJIT will transition to remote only instruction effective Wednesday, November 25.

All research labs and centers are required to ramp down operations during the lockdown period from Wednesday, November 25 through Friday, December 4 to be in compliance with the City of Newark regulation. All research operations are suspended until the conditions are improved and lockdown is lifted.
• All research lab/center directors should follow the appropriate research laboratory and experiments ramping down process (NJIT Checklist for Ramping Down Research Laboratory Operations) to suspend research operations effective Wednesday, November 25. Faculty with research labs at Rutgers facilities should follow the regulations and instructions from Rutgers University.

• Any essential research operation request for the continuation of animal research, long-term running experiments and other essential equipment/facility required to be operational without interruption should be submitted to Atam Dhawan, Senior Vice Provost for Research at dhawan@njit.edu with the approvals from department chair and college dean using the Essential Research Operation (ERO) form (https://drive.google.com/file/d/1v-uhgJIDiCMSZ3aC5UjKP5kHOLOZm-mo/view?usp=sharing) posted on NJIT Google Drive or research website https://research.njit.edu/njit-pandemic-recovery-plan).

Further communication will be provided to the community as we approach the scheduled end of the lockdown on Friday, December 4. Please continue to stay safe, wear your face covering, social distance, and practice good hand hygiene.

Hazardous Waste Collection

EHS (Environmental Health and Safety) will have our hazardous waste vendor on campus on Monday, November 23 to assist with hazardous waste collection from NJIT laboratories in anticipation of the upcoming Newark lockdown. Please contact EHS in case of any questions.

Office of Research Administration

All Office of Research processes continue during this period of remote operation. Our hours of usual operation remain 8:30-4:30 Monday through Friday. All staff are available by email and most have their office phone numbers forwarded to them through Cisco Jabber. You should receive a reply to an inquiry within 24 hours. You may always reach out to your college’s research administration support person for assistance.

Principal investigators who have subaward activity with other institutions or contracts with industry partners are asked to discuss the current situation with their counterparts to determine if the COVID-19 disruption will require a modification to our existing agreements. If it is determined that a modification is required, please contact Justin Samolewicz at Justin.m.samolewicz@njit.edu to discuss next steps.

Budget transfers or other actions needed to comply with this guidance should follow the standard procedures. Questions or concerns regarding post-award financial activity on grants may be directed to your grant accountant or Mariel Diaz at mailto:mariel.diaz@njit.edu.

Questions related to OMB guidance, research compliance or general concerns about the administration and financial management of grants and contracts may be directed to Eric Hetherington, Executive Director, Sponsored Research Programs Administration at erich@njit.edu

Please also use the following group email addresses for your specific questions in the respective areas:
• Pre-Award inquiries: srard@njit.edu
• Post-Award financial management: gca@njit.edu
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:


The details on NJIT Research Continuity and Phased Recovery Plan and associated protocols are posted on the website [https://research.njit.edu/njit-pandemic-recovery-plan](https://research.njit.edu/njit-pandemic-recovery-plan)

Grant Opportunity Alerts

Keywords and Areas Included in the Grant Opportunity Alert Section Below

**NSF:** Reproducible Cells and Organoids via Directed-Differentiation Encoding (RECODE)
Designing Synthetic Cells Beyond the Bounds of Evolution (Designer Cells)
Smart Health and Biomedical Research in the Era of Artificial Intelligence and Advanced Data Science (SCH)
Planning Grants for Engineering Research Centers (ERC)
Campus Cyberinfrastructure (CC*);
Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET);
Arctic Research Opportunities Strengthening American Infrastructure (SAI);
NSF/CASIS Collaboration on Transport Phenomena Research on the International Space Station (ISS) to Benefit Life on Earth;
Navigating the New Arctic (NNA);
Vision and Change in Undergraduate Biology Education (V&C);
Harnessing the Data Revolution (HDR): Data Science Corps (DSC) Building Capacity for HDR;
Designing Materials to Revolutionize and Engineer our Future (DMREF)

**NIH:** Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32);
Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R21);
Outstanding New Environmental Scientist (ONES) Award (R01);
Analytical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U44);
Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed);
Regional Technology Transfer Accelerator Hubs for IDeA States (STTR) (UT2)

**Department of Defense/US Army/DARPA/ONR:** Synthetic Biology;
Science & Technology for Advanced Manufacturing Projects (STAMP);
Energetics Basic Research Center Fiscal Year 2022;
Young Faculty Award (YFA);
Defense Sciences Office Office-wide; C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research
Recent Research Grant and Contract Awards

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

**PI:** Mengyan Li (PI)  
**Department:** Chemistry and Environmental Sciences  
**Grant/Contract Project Title:** Statement of Work and Quality Assurance (QA) Requirements for the Synthesis and Modification of Biochar for Effective Remediation of Groundwater Contaminated with Per- and Polyfluoroalkyl Substances  
**Funding Agency:** U.S. Environmental Protection Agency  
**Duration:** 11/16/20-11/15/21

**PI:** Cody Buntain (PI)  
**Department:** Informatics  
**Grant/Contract Project Title:** Providing Twitter Enterprise Access  
**Funding Agency:** NIST (U.S. Department of Commerce)  
**Duration:** 09/01/20-05/31/21

**PI:** Jay Meegoda (PI) and Lucia Rodriguez Freire  
**Department:** Civil and Environmental Engineering  
**Grant/Contract Project Title:** Remediation of PFAS-Contaminated Soil and Sediment  
**Funding Agency:** U.S. Environmental Protection Agency  
**Duration:** 12/01/20-11/30/21

Back to Contents
In the News…
(National and Federal News Related to Research Funding and Grant Opportunities)

**Interagency Committee Issues Recommendations for Using Cloud to Accelerate Artificial Intelligence:** The Select Committee on Artificial Intelligence—an interagency group of AI experts across the federal government—issued several recommendations Nov. 17 regarding how agencies can better tap cloud computing resources for research and development efforts. The report makes clear cloud computing provides “robust, agile, reliable and scalable computing capabilities” that augment existing AI technologies. However, while cloud computing is near ubiquitous in the private sector, there are still “several technical and administrative challenges” limiting cloud adoption in other arenas, including federal agencies’ research and development areas. Gaining access to cloud computing varies across the federal landscape, and best practices differ depending on environments, according to the report. In addition, “limited access to education and training opportunities” for researchers themselves limit how well they make use of cloud environments. The committee—at the direction of President Trump in a 2019 executive order—identified four key recommendations regarding how government can address these challenges:

- Launch and support pilot projects to identify and explore the advantages and challenges associated with the use of commercial clouds in conducting federally funded AI research.
- Improve education and training opportunities to help researchers better leverage cloud resources for AI R&D.
- Catalog best practices in identity management and single-sign-on strategies to enable more effective use of the variety of commercial cloud resources for AI R&D.
- Establish and publish best practices for the seamless use of different cloud platforms for AI R&D.


**Cybersecurity Protocol at Federal Agencies:** With a new proposal that would require federal agencies to get permission from the Office of Management and Budget to opt-out of implementing specific cybersecurity practices—encryption of sensitive information and multifactor authentication—Sen. Ron Wyden, D-Ore., and Rep. Lauren Underwood, D-Ill., are challenging the status quo in cybersecurity policy. “To secure our nation’s infrastructure, we must prioritize that federal agencies are adhering to the best cybersecurity practices,” Underwood, the new chair of the Committee on Homeland Security’s subcommittee on cybersecurity, infrastructure protection and innovation said in a press release of the bill’s introduction. “I’m pleased to join Senator Wyden to introduce this timely legislation.” The generally accepted theory in U.S. cybersecurity policy centers on risk management and the idea that because there are limited resources and variations in system designs and functions, each entity must decide for itself where and how to focus its protection efforts. The National Institute of Standards and Technology’s 2013 cybersecurity framework is at the heart of this. It references a host of security controls, but federal agencies, which are required to use the framework, are able to choose which of those controls they should implement according to the plans they design for themselves. More information is posted on the [NextGov](https://www.nextgov.com/) website.

**Future of Defense Networks:** The Defense Department was preparing major upgrades to its defense networks before the COVID-19 pandemic. The coronavirus, however, accelerated those efforts in a major way, beginning with a significant expansion of remote work. For months, hundreds of thousands of Defense employees and contractors have worked remotely, linked together through cloud-based business tools. To bolster those efforts, the Pentagon aims to introduce a new telework tool by mid-2021 that would...
accommodate remote work with more sensitive data. Remote work enhancements are only part of the major changes ongoing at the department. The Pentagon’s IT arm aims to pilot a new identity management solution framed around digital credentialing, and its departments and sub-agencies have experienced pockets of success implementing robotic process automation. Meanwhile, cloud continues to be a major theme across the Pentagon, with years-long efforts to migrate its primary biometrics system to the cloud underway and the award of the Joint Enterprise Defense Infrastructure contract proceeding, albeit slowly. These moves are part of the Defense Department’s just-released data strategy, which describes how the department aims to become a data-centric organization. More information is posted on the NextGov website.

**IT Industry Recommends Forming Comprehensive, Uniform Supply Chain Security Policy:** The Information Technology Industry Council suggests a Biden administration direct its attention to the Federal Acquisition Security Council in forming comprehensive, uniform supply chain security policy, but that group does not have authority over private-sector activities. “While we appreciate policymakers’ recognition of the very real challenge of securing federal [information and communications technology] networks and infrastructure, the best way to ensure government stakeholders can nimbly react to and mitigate supply chain threats would be to streamline this confusing patchwork of requirements,” reads a blog post ITI published Tuesday pointing to a “sprawling array of new supply chain-related laws, executive orders, regulations and agency actions.” ITI said the Federal Acquisition Security Council is in a prime spot to serve in a central role consolidating the government’s approach to supply chain security. More information on the NextGov website.

**Homeland Security’s Small Business Program Will Focus on Viruses, Security and Networks in 2021:** Next year, the Homeland Security Department plans to tap America’s small businesses to help solve critical issues around improving physical and digital security, screening for infectious diseases—including COVID-19 and the African Swine Fever—and building safer vehicles. DHS is charged with staying ahead of emerging threats and looks to the country’s small businesses for innovative ideas for solving its biggest challenges through the Small Business Innovation Research, or SBIR, program, with outfits under the Science and Technology Directorate and Countering Weapons of Mass Destruction Office. The program released a draft list of 12 focus topics for 2021, asking for feedback ahead of a final request for proposals schedule for Dec. 11. Once finalized, all of the projects will operate under a three-phase structure, each with its own timeline, objectives and funding.

Phase I will focus on the “merit and feasibility of the proposed effort … with a relatively small agency investment prior to providing further federal support in Phase II,” the presolicitation states. “Phase II is the principal R&D effort and is expected to produce a well-defined deliverable prototype.” Phase I is capped at $150,000 over five months; Phase II tops out at $1 million over two years.

In the third and final phase, SBIR program executives will assist the contractors in marketing their solutions to the government and private sector as the first step in the technology transfer process. “SBIR Phase III refers to work that derives from, extends, or completes an effort made under prior SBIR funding agreements, but is funded by sources other than the SBIR Program,” the document states. “Under Phase III, the SBIR awardee is expected to seek contracts and obtain funding from the private sector and/or the federal government—non-SBIR federal government sources.”

Under the current timeline, proposals will be due Jan. 15, to be submitted through the SBIR online portal. More information is posted on the NextGov website.
Webinar and Events

Event: Virtual NSF Grants Conference
Sponsor: NSF
When: November 16, 2020 1:00 PM to November 20, 2020 4:00 PM
November 30, 2020 1:00 PM to December 4, 2020 4:00 PM
Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=301319&org=NSF
Brief Description: Join the National Science Foundation (NSF) for the very first NSF Virtual Grants Conference to be held during the weeks of November 16 and November 30, 2020. Registration will be free of charge and opens on Thursday, October 29 at 12PM EST. This event is designed to give faculty, researchers and administrators key insights into a wide range of current issues at NSF. NSF staff will provide up-to-date information about the proposal and award process, specific funding opportunities and answering attendee questions. Just like the in-person grants conferences, the NSF Virtual Grants Conference is a must, especially for new faculty, researchers and administrators.

Highlights include:
• New programs and initiatives
• Future directions and strategies for national science policy
• Proposal preparation
• NSF's merit review process
• Conflict of interest policies
• Award Management Topics
• NSF-wide funding opportunities
For those who cannot attend the live conference, all sessions will recorded and available on-demand shortly after the event.
Please check the conference website for the most-up-to-date information, and view recordings of sessions from last year's conference.
To Join the Webinar: Please check the conference website https://nsfpolicyoutreach.com/.

Event: Deep Dive Into Deep Tech Incubation Workshop
Sponsor: NSF
When: December 18, 2020 12.00 PM – 1.00 PM
Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=301160&org=NSF
Brief Description: Part III: Wednesday, November 18, 12 pm Eastern (60 min)
Deep Tech Incubation and Academia Nexus

Deep tech innovation is often born out of academic research at campuses across the nation. As a result, colleges and universities play a unique and critical role in fostering the development and commercialization of technologies that will transform our lives. The technology discovery and transfer processes can be especially risky for deep tech innovations given the complexity of scaling them from lab to market and understanding potential commercial applications. However, colleges and universities remain at the forefront of deep tech incubation. Their people and programs that support this research translation process directly impact the strength and competitiveness of technology innovation in the U.S. The third part of the Deep Dive Into Deep Tech Incubation webinar series will feature visionaries from leading academic institutions to discuss this research translation nexus and how they manage the deep tech commercialization process and instill strong entrepreneurial cultures at their respective campuses.

Part IV: Friday, December 18, 12 pm Eastern (60 min)
Deep Tech Venture Capital and Corporate Partnerships
Deep tech startups typically require significant capital and time to get their innovations into the market. More and more financial investors have entered this space as they view the outsize financial returns that are possibly worth the risk of supporting deep tech startups. In addition, more corporate and strategic partners are competing by investing in innovation, whether it is structured as direct investments in early-stage companies or other forms of support like joint ventures or non-recurring engineering. These venture capital and corporate partnerships provide highly valuable validation for deep tech startups, which enables them to raise follow-on capital and secure the partnerships that are critical to commercializing their technology. The fourth and final part of the Deep Dive Into Deep Tech Incubation webinar series will feature top investors and corporations who are actively partnering with deep tech startups as well as entrepreneurs who have benefited from this type of support.

To Join the Webinar: Register at [https://www.eventbrite.com/e/deep-dive-into-deep-tech-incubation-series-tickets-114163867200](https://www.eventbrite.com/e/deep-dive-into-deep-tech-incubation-series-tickets-114163867200)

Event: DMS Virtual Office Hours  
Sponsor: NSF  
When: November 24, 2020, 2020 1.00 PM – 2.00 PM  
Website: [https://www.nsf.gov/events/event_summ.jsp?cntn_id=301593&org=NSF](https://www.nsf.gov/events/event_summ.jsp?cntn_id=301593&org=NSF)  
Brief Description: The Division of Mathematical Sciences (DMS) is hosting virtual office hours to share information about NSF’s current operations and provide guidance to the mathematical sciences community. This will also allow the community to ask questions, share concerns, or offer suggestions on how DMS can do more to address the impact of COVID-19 on the research community. All members of the mathematics research community interested in the work of DMS are welcome to attend. Events are planned at roughly monthly intervals, and the topics will vary for each event. The event will be in the form of a webinar, starting with a brief presentation of a few selected current topics, with DMS program directors available to answer questions from the community.  
To Join the Webinar: Participants should register (and may do so in advance) at the web page [https://nsf.zoomgov.com/webinar/register/WN_IzD3kGybQuWsgJXLyBGgBA](https://nsf.zoomgov.com/webinar/register/WN_IzD3kGybQuWsgJXLyBGgBA)

Event: Invention To Impact Wireside Chat  
Sponsor: NSF  
When: December 2, 2020, 2020 2.00 PM – 3.00 PM  
Website: [https://www.nsf.gov/events/event_summ.jsp?cntn_id=301672&org=NSF](https://www.nsf.gov/events/event_summ.jsp?cntn_id=301672&org=NSF)  
Brief Description: The National Science Foundation’s (NSF) Division of Industrial Innovation and Partnerships (IIP) is pleased to invite you to webinar, “Invention To Impact Wireside Chat,” on Wednesday, December 2, 2020, from 2:00 to 3:00 p.m. ET. This virtual event will include 15-minute presentations from world-renowned scholars followed by a 30-minute panel discussion with questions from the audience.  
To Join the Webinar: [REGISTRATION HERE](https://nsf.zoomgov.com/webinar/register/WN_IzD3kGybQuWsgJXLyBGgBA)

Event: GEO Virtual Office Hours  
Sponsor: NSF  
When: December 2, 2020, 2020 2.30 PM – 4.00 PM  
Brief Description: Normally presented as a workshop at AGU, *Navigating the NSF System* is a good opportunity for first time proposers and early career scientists to gain insight to the ins and outs of the NSF grant proposal process. The webinar consists of a presentation and a live Q&A session with GEO Program Officers. Participants must register in advance using the link below under "Related Websites." Please join us for this informative webinar!
To Join the Webinar: Webinar Registration
Form: https://nsf.zoomgov.com/webinar/register/WN_cSO1ybkkQtGUnlufBo--Tg

Event: The Ins and Outs of the Foreign Travel Brief
Sponsor: NSF
When: December 3, 2020, 2020 12.00 PM –13.00 PM
Website: https://cdse-events.acms.com/content/connect/c1/7/en/events/event/shared/15152082/event_registration.html?connect-session=breezbreez8yxxaav42bgfk8md&sco-id=15142679&_charset_=utf-8

Brief Description: Are you thinking, “Wow, this is SO timely because we are doing so much foreign travel during this pandemic?” Relax and join CDSE as we go into more detail on the foreign travel brief (FTB), how many of the tenets of the FTB apply to virtual conferences and meetings, other things we are doing in a virtual environment, and pro tips for when we DO start travelling again. Additionally, we will discuss the tools that will help enable you to administer and manage an FTB program both within a COVID-19 environment and without.
To Join the Webinar: Register at the above URL.

Event: CyberTraining (NSF-19-524) Webinar
Sponsor: NSF
When: December 8, 2020, 2020 2.00 PM – 3.30 PM
Website: https://www.nsf.gov/events/event_summ.jsp?cntn_id=301654&org=NSF

Brief Description: This program seeks to prepare, nurture, and grow the national scientific research workforce for creating, utilizing, and supporting advanced cyberinfrastructure (CI) to enable and potentially transform fundamental science and engineering research and contribute to the Nation's overall economic competitiveness and security. The goals of this solicitation are to (i) ensure broad adoption of CI tools, methods, and resources by the research community in order to catalyze major research advances and to enhance researchers’ abilities to lead the development of new CI; and (ii) integrate core literacy and discipline-appropriate advanced skills in advanced CI as well as computational and data-driven science and engineering into the Nation’s educational curriculum/instructional material spanning undergraduate and graduate courses for advancing fundamental research.
This solicitation calls for innovative, scalable training, education, and curriculum/instructional materials—targeting one or both of the solicitation goals—to address the emerging needs and unresolved bottlenecks in scientific and engineering research workforce development, from the postsecondary level to active researchers.
We will review the CyberTraining solicitation (NSF-19-524), including all three project classes, and the priorities of the participating divisions. We will also have Q&A.
To Join the Webinar: Webinar Registration
https://nsf.zoomgov.com/webinar/register/WN_04wnUh83T8Sp4TB12WkJ_w

Back to Contents

Grant Opportunities

National Science Foundation

Grant Program: Reproducible Cells and Organoids via Directed-Differentiation Encoding (RECODE)
Agency: National Science Foundation NSF 21-532
RFP Website: https://www.nsf.gov/pubs/2021/nsf21532/nsf21532.htm

Brief Description: The National Science Foundation (NSF) Divisions of Chemical, Bioengineering, Environmental and Transport Systems (CBET), Integrative and Organismal Systems (IOS), Molecular and Cellular Biosciences (MCB), and Civil, Mechanical, and Manufacturing Innovation (CMMI) seek proposals that elucidate mechanisms of, and develop strategies to, direct the differentiation of undifferentiated cells into mature, functional cells or organoids. Projects responsive to this solicitation must aim to establish a robustly validated and reproducible set of differentiation design rules, mechanistic models, real-time sensing, control, and quality assurance methods, and integrate them into a workable differentiation strategy. They must deepen our fundamental understanding of how cells develop and differentiate, providing insights into mechanisms, molecular machinery, dynamics, and cell-cell and cell-extracellular matrix (ECM) interactions, and use this understanding to manipulate cells purposefully. Investigators can choose any undifferentiated cell type from any animal species, including those that may be considered non-model organisms, as a starting point and choose any appropriate functional product (cell, organoid, etc.) with real-world relevance.

The process of differentiation involves a multiplex combination of signaling molecules, receptors, promoters, markers, and chemical and mechanical regulators that dynamically interact to direct cell development and behavior. While individual inducers of native differentiation have been identified and employed to create specialized cell types, we generally lack fundamental understanding of the roles of biochemical and environmental regulators necessary for synthetic induction of differentiation along a predetermined path and the ability to actively monitor and manipulate that path dynamically. Such control of differentiation will be valuable to answer mechanistic questions about basic biological processes that govern physiological function of specific cells, tissues, and organs, as well as mechanisms for processes involved in symbiosis and disease, and immunological responses to infection. The control of differentiation will also enable the realization of enhanced biomanufacturing, leading to novel products, biomaterials, and significant improvements in individualized medicine, environmental control and monitoring, adaptive sensing, as well as the scalable and reproducible application of 3D organoids in drug testing.

Awards: Standard Grant or Continuing Grant; Anticipated Funding Amount: $10,600,000

Letters of Intent: Not required; Please see below.

Proposal Submission Deadline:
- Preliminary Proposal Due Date(s) (required) (due by 5 p.m. submitter's local time):
  February 18, 2021
- Full Proposal Deadline(s) (due by 5 p.m. submitter's local time):
  May 18, 2021

Contacts: Steven W. Peretti, ENG/CBET, telephone: (703) 292-7029, email: speretti@nsf.gov
- Aleksandr L. Simonian, ENG/CBET, telephone: (703) 292-2191, email: asimonia@nsf.gov
- Stephanie George, ENG/CBET, telephone: (703) 292-7825, email: stgeorge@nsf.gov

Grant Program: Designing Synthetic Cells Beyond the Bounds of Evolution (Designer Cells)
Agency: National Science Foundation NSF 21-531
RFP Website: https://www.nsf.gov/pubs/2021/nsf21531/nsf21531.htm

Brief Description: Because of recent technological advances in synthetic biology and bioengineering, researchers are now able to tailor cells and cell-like systems for a variety of basic and applied research purposes. The goal of this solicitation is to support research that (1) develops cell-like systems to identify the minimal requirements for the processes of life, (2) designs synthetically-modified cells to address fundamental questions in the evolution of life or to explore biological diversity beyond that which
currently exists in nature, and (3) leverages basic research in cell design to build novel synthetic cell-like systems and cells for innovative biotechnology applications.

Highest funding priority is given to proposals that have outstanding intellectual merit and broader impacts, while proposals with weaknesses in either category (or those that are perceived as likely to have an incremental impact) will not be competitive. Proposals submitted to this solicitation should address social, ethical, and safety issues associated with designing and building synthetically modified cells as an integrated component of the project.

**Awards:** Standard Grant or Continuing Grant; Anticipated Funding Amount: $10,000,000

**Letters of Intent:** Not required

**Proposal Submission Deadline:** February 16, 2021; February 01, 2022

**Contacts:**
- Anthony G. Garza, telephone: (703) 292-8440, email: aggarza@nsf.gov
- Steven W. Peretti, telephone: (703) 292-7029, email: speretti@nsf.gov
- Senay Agca, telephone: (703) 292-2459, email: sagca@nsf.gov

---

**Grant Program:** Smart Health and Biomedical Research in the Era of Artificial Intelligence and Advanced Data Science (SCH)

**Agency:** National Science Foundation NSF 21-530


**Brief Description:**
The purpose of this interagency program solicitation is to support the development of transformative high-risk, high-reward advances in computer and information science, engineering, mathematics, statistics, behavioral and/or cognitive research to address pressing questions in the biomedical and public health communities. Transformations hinge on scientific and engineering innovations by interdisciplinary teams that develop novel methods to intuitively and intelligently collect, sense, connect, analyze and interpret data from individuals, devices and systems to enable discovery and optimize health. Solutions to these complex biomedical or public health problems demand the formation of interdisciplinary teams that are ready to address these issues, while advancing fundamental science and engineering.

**Awards:** Standard Grant or Continuing Grant; Anticipated Funding Amount: $16,000,000 to $20,000,000

Projects will be funded for up to four years for a total of $1,200,000 ($300,000 per year).

**Letters of Intent:** Not required

**Proposal Submission Deadline:** February 16, 2021

**Contacts:**
- Wendy Nilsen, Directorate for Computer and Information Science and Engineering, Division of Information and Intelligent Systems, telephone: (703) 292-2568, email: wnilsen@nsf.gov
- Scott T. Acton, Directorate for Computer and Information Science and Engineering, Division of Computing and Communication Foundations, telephone: (703) 292-8910, email: sacton@nsf.gov
- Balakrishnan Prabhakaran, Directorate for Computer and Information Science and Engineering, Division of Information and Intelligent Systems, telephone: (703) 292-4847, email: bprabhak@nsf.gov

---

**Grant Program:** Planning Grants for Engineering Research Centers (ERC)

**Agency:** National Science Foundation NSF 21-526


**Brief Description:**
The ERC program is placing greater emphasis on high-risk/high-payoff research, larger societal impact, convergent research approaches, engagement of stakeholder communities, and
adoption of team science in team formation, in response to the 2017 NASEM study recommendation. The ERC program intends to support planning activities leading to convergent research team formation and capacity-building within the engineering community. This planning grant solicitation is designed to foster and facilitate the engineering community’s thinking about how to form convergent research collaborations. To participate in a forthcoming ERC competition, one is not required to submit a planning grant proposal nor to receive a planning grant.

**Awards:** Standard Grants; Anticipated Funding Amount: $2,000,000

**Letters of Intent:** Not required

**Proposal Submission Deadline:** February 16, 2021

**Contacts:** Sarit B. Bhaduri, telephone: (703) 292-2975, email: sbhaduri@nsf.gov
- Sandra Cruz-Pol, telephone: (703) 292-2928, email: scruzpol@nsf.gov
- Dana L. Denick, telephone: (703) 292-8866, email: ddenick@nsf.gov

---

**Grant Program: Campus Cyberinfrastructure (CC*)**

**Agency:** National Science Foundation NSF 21-528


**Brief Description:** The Campus Cyberinfrastructure (CC*) program invests in coordinated campus-level networking and cyberinfrastructure improvements, innovation, integration, and engineering for science applications and distributed research projects. Learning and workforce development (LWD) in cyberinfrastructure is explicitly addressed in the program. Science-driven requirements are the primary motivation for any proposed activity.

In recent years, NSF has addressed the growing requirements of the NSF community, and opportunities to innovate, in networking infrastructure through the CC* program, which invests in innovative, coordinated, and secure campus, multi-campus and multi-institution CI components. The Campus Cyberinfrastructure-Network Infrastructure and Engineering (CC-NIE) program in 2012 and 2013 focused on campus networking upgrades and re-architecting, and innovative development and integration of new networking capabilities in support of driving scientific application requirements. Subsequent years saw the program expand beyond data networking to address a broader set of CI needs at the campus level, including computing, storage, multi-institution integrated CI, and learning and workforce development. The CC* solicitation invests in coordinated campus-level networking and cyberinfrastructure improvements, innovation, integration, and engineering for science applications and distributed research projects. Science-driven requirements are the primary motivation for any proposed activity.

**Awards:** Standard Grant or Continuing Grant; Anticipated Funding Amount: $13,000,000 to $15,000,000

Each program area will support awards pursuant to the following budget and duration:

1. Data-Driven Networking Infrastructure for the Campus and Researcher awards will be supported at up to $500,000 total for up to 2 years;
2. Regional Connectivity for Small Institutions of Higher Education awards will be supported at up to $1,000,000 total for up to 2 years;
3. Network Integration and Applied Innovation awards will be supported at up to $1,000,000 total for up to 2 years [in some cases these awards are limited to $500,000 total—see program area (3) in Section II. Program Description];
4. Campus Computing and the Computing Continuum awards will be supported at up to $400,000 total for up to 2 years; and
5. Planning Grants and CI-Research Alignment awards will be supported for up to $200,000 total for up to two years [in some cases, these awards are limited to $100,000 total—see program area (5) in Section II. Program Description].
Letters of Intent: Not required
Proposal Submission Deadline: March 01, 2021; October 11, 2021
Contacts: Kevin L. Thompson, Program Director, CISE/OAC, telephone: (703) 292-4220, email: kthompspo@nsf.gov
  • Deepankar (Deep) Medhi, Program Director, CISE/CNS, telephone: (703) 292-8950, email: dmedhi@nsf.gov

Grant Program: Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET)
Agency: National Science Foundation NSF 21-527
RFP Website: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505748&org=NSF&sel_org=NSF&from=fund
Brief Description: Creating effective solutions to our most pressing environmental and sustainability challenges requires imaginative thinking - the kind that evolves when researchers from disparate fields, expertise, or perspectives fully immerse themselves in work toward a common goal. The National Academies of Sciences, Engineering and Medicine (NASEM), in their report "Environmental Engineering for the 21st Century: Addressing Grand Challenges," identified five critical challenges we must address as a society:
  • Sustainably supply food, water, and energy
  • Curb climate change and adapt to its impacts
  • Design a future without pollution and waste
  • Create efficient, healthy, and resilient cities
  • Foster informed decisions and actions
Accordingly, the Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET) solicitation will support fundamental research activities that confront vexing environmental engineering and sustainability problems by developing foundational knowledge underlying processes and mechanisms such that the design of innovative new materials, processes, and systems is possible. Projects should be compelling and reflect sustained, coordinated efforts from highly interdisciplinary research teams. A key objective of the solicitation is to encourage dialogue and tightly integrated collaborations wherein the chemical process systems, transport phenomena, and bioengineering communities engage with environmental engineering and sustainability experts to spark innovation and arrive at unanticipated solutions. Furthermore, training the future workforce to successfully engage in discipline-transcending research will support continued innovation toward surmounting the complex environmental and sustainability challenges facing our global community.
Process science and engineering, in the context of this solicitation, is broadly defined to include all programmatic interests of the National Science Foundation (NSF) Directorate for Engineering's (ENG) Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET).
Awards: Standard Grants; Anticipated Funding Amount: TBA; Awards are expected to range from $1,500,000 to $1,700,000 over four years.
Letters of Intent: Please see below.
Proposal Submission Deadline:
Preliminary Proposal Deadline Date: February 11, 2021
Full Proposal Deadline Date: May 7, 2021
Contacts: Christina Payne eco-cbet@nsf.gov (703) 292-2895
Bruce K. Hamilton eco-cbet@nsf.gov (703)292-7066
Grant Program: Arctic Research Opportunities
Agency: National Science Foundation NSF 21-526
RFP Website: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5521&org=NSF&sel_org=NSF&from=fund
Brief Description: The National Science Foundation (NSF) invites investigators at U.S. organizations to submit proposals to the Arctic Sciences Section, Office of Polar Programs (OPP), to conduct research about the Arctic region. The goal of this solicitation is to attract research proposals that advance a fundamental, process, and/or systems-level understanding of the Arctic's rapidly changing natural environment, social and cultural systems, and, where appropriate, to improve our capacity to project future change. The Arctic Sciences Section supports research focused on the Arctic region and its connectivity with lower latitudes. The scientific scope is aligned with, but not limited to, research priorities outlined in the Interagency Arctic Research Policy Committee (IARPC) five-year plan.
The Arctic Sciences Section coordinates with programs across NSF and with other federal and international partners to co-review and co-fund Arctic-related proposals as appropriate. The Arctic Sciences Section also maintains Arctic logistical infrastructure and field support capabilities that are available to enable research.
Awards: Standard Grants; Anticipated Funding Amount: TBA
Letters of Intent: Not required
Proposal Submission Deadline: Full Proposal Accepted Anytime
Contacts: Gregory J. Anderson greander@nsf.gov (703) 292-4693 W7134
Renee D. Crain rcrain@nsf.gov (703) 292-4482 W7154
Roberto Delgado robdelga@nsf.gov (703) 292-2397 W7246

Grant Program: Strengthening American Infrastructure (SAI)
Agency: National Science Foundation NSF PD 21-145Y
RFP Website: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505847&org=NSF&sel_org=NSF&from=fund
Brief Description: The National Science Foundation (NSF) seeks to stimulate fundamental exploratory, potentially transformative research that strengthens America’s infrastructure. Effective infrastructure, whether it be physical, cyber, or social, provides a strong foundation for socioeconomic vitality and broad quality of life improvement. Strong, reliable, and effective infrastructure spurs private-sector innovation, grows the economy, creates jobs, makes public-sector service provision more efficient, strengthens communities, promotes equal opportunity, protects the natural environment, enhances national security, and fuels American leadership. To achieve these goals requires expertise from across the science and engineering disciplines. In particular, knowledge of human reasoning and decision making, governance, and social and cultural processes are essential to efforts to envision, build, and maintain an effective infrastructure that improves lives and society and builds on advances in technology and engineering.

NSF seeks to build research capacity that can address these and many other challenging infrastructure contexts that require a human- and-social-centered approach. SAI supports conference and EAGER proposals that will bring together experts across disciplines to support substantial and potentially pathbreaking, untested fundamental research grounded in user-centered concepts and offering the potential to substantially improve or transform the design, use, development, cost-effectiveness, or maintenance of U.S. infrastructure. These proposals should include a central focus on at least one SBE program area with the lead PI being an expert in social, behavioral, or economic science. Proposals must also demonstrate an interdisciplinary approach beyond that of any single Program or NSF Directorate.
NSF is particularly interested in proposals that integrate a deep understanding of human cognition, perception, information processing, decision making, social and cultural behavior, legal frameworks, governmental structures, and related areas into the design, development, and sustainability of infrastructure. Infrastructure may be of any kind, including cyber, economic, educational, physical, and social.

**Awards:** Standard Grants; Anticipated Funding Amount: TBA

**Letters of Intent:** Please see below

**Proposal Submission Deadline:**
- November 30, 2020: Conference Proposals
- December 11, 2020: EAGER Proposal Concept Outlines
- January 15, 2021: EAGER Proposals (with authorization to submit)

**Contacts:**
- Steven J. Breckler, sbreckle@nsf.gov (703) 292-7369
- Kenyatta Johnson, kenjohns@nsf.gov (703) 292-4850

---

**Grant Program:** NSF/CASIS Collaboration on Transport Phenomena Research on the International Space Station (ISS) to Benefit Life on Earth

**Agency:** National Science Foundation NSF 21-525


**Brief Description:** The Division of Chemical, Bioengineering and Environmental Transport (CBET) in the Engineering Directorate of the National Science Foundation (NSF) is partnering with The Center for the Advancement of Science in Space (CASIS) to solicit research projects in the general field of fluid dynamics, particulate and multiphase processes, combustion and fire systems, thermal transport processes, and nanoscale interactions that can utilize the International Space Station (ISS) National Lab to conduct research that will benefit life on Earth. Only entities that qualify as "U.S. Persons" under 22 U.S. Code §6010, including academic investigators, non-profit independent research laboratories and academic-commercial teams are eligible to apply.

**Awards:** Standard Grants; Anticipated Funding Amount: $3,600,000

**Letters of Intent:** Not required

**Proposal Submission Deadline:** December 07, 2020 - March 02, 2021

**Contacts:**
- Ronald D. Joslin, Fluid Dynamics, telephone: (703) 292-7030, email: rjoslin@nsf.gov
- William Olbricht, Particulate and Multiphase Processes, telephone: (703) 292-4842, email: wolbrich@nsf.gov
- Nora F. Savage, Nanoscale Interactions, telephone: (703) 292-7949, email: nosavage@nsf.gov

---

**Grant Program:** Navigating the New Arctic (NNA)

**Agency:** National Science Foundation NSF 21-524


**Brief Description:** Navigating the New Arctic (NNA) embodies an important forward-looking response by the Foundation to these profound challenges. NNA seeks innovations in fundamental convergence research across the social, natural, environmental, computing and information sciences, and engineering that address the interactions or connections among natural and built environments and social systems, and how these connections inform our understanding of Arctic change and its local and global effects.

This solicitation requests proposals that fall within one of three tracks: NNA Planning Grants, dedicated to developing convergence research questions and teams to tackle projects of larger scope in the future; NNA Research Grants, aimed to support creative projects on fundamental research that address convergent scientific and engineering challenges related to the rapidly changing Arctic; and NNA
Collaboratory Grants, designed to support collaborative teams undertaking research and training initiatives on critical themes of a broad scope related to the New Arctic. This solicitation is the third of what is envisioned to be at least a five-year agency-wide program to support the research and dissemination of new knowledge needed to inform the economy, security, and resilience of the Nation, the larger Arctic region, and the globe with respect to Arctic change.

**Awards:** Standard Grant or Continuing Grant or Cooperative Agreement.; Anticipated Funding Amount: $30,000,000

This solicitation will consider proposals for three types of projects:
- NNA Planning Grants with a total budget of up to $300,000 and a maximum duration of 24 months.
- NNA Research Grants with a total budget of up to $3,000,000 and a maximum duration of 5 years.
- NNA Collaboratory Grants with no budget restrictions and a maximum duration of 5 years.

**Letters of Intent:** Not required

**Proposal Submission Deadline:** March 05, 2021

**Contacts:**
- John Schlueter, Team Lead, MPS/DMR, telephone: (703) 292-7766, email: jschluet@nsf.gov
- Peter Anderson, MPS/DMR, telephone: (703) 292-4507, email: peanders@nsf.gov
- Marian Bocea, MPS/DMS, telephone: (703) 292-2595, email: mbocea@nsf.gov

Grant Program: Vision and Change in Undergraduate Biology Education (V&C)

**Agency:** National Science Foundation NSF PD 21-7412


**Brief Description:** The National Science Foundation's (NSF's) Division of Undergraduate Education (DUE) in the Directorate for Education and Human Resources (EHR) acknowledges the need to expand and chronicle educational change efforts across the nation. To this end, DUE invites proposals to study the impact of the Vision and Change (V&C) movement in Undergraduate Biology Education. Specifically, this program seeks to support projects that evaluate a combination of factors such as the awareness, acceptance, adoption, and adaptation of V&C principles and outcomes including changes in curriculum, laboratories, and student retention, completion, and learning. Collectively, results of these projects are anticipated to describe the nature and extent of V&C’s use within the undergraduate biology curriculum. The projects could also describe key factors and approaches taken by the V&C community that have the potential to be useful for improving undergraduate education in other scientific disciplines or in interdisciplinary STEM education.

**Awards:** Standard Grants; Various

**Letters of Intent:** Not required

**Proposal Submission Deadline:** March 1, 2021

**Contacts:**
- Ellen Carpenter elcarpen@nsf.gov (703) 292-5104
- V.Celeste Carter vccarter@nsf.gov (703)292-4651
- Pushpa Ramakrishna pusramak@nsf.gov (703) 292-2943

Grant Program: Harnessing the Data Revolution (HDR): Data Science Corps (DSC) Building Capacity for HDR

**Agency:** National Science Foundation NSF 21-523


**Brief Description:** NSF's Harnessing the Data Revolution (HDR) Big Idea is a national-scale activity to enable new modes of data-driven discovery that will allow fundamental questions to be asked and answered at the frontiers of science and engineering. In 2019, the HDR Big Idea launched three parallel
efforts in pursuit of these aims: Institutes for Data-Intensive Research in Science and Engineering (I-DIRSE), HDR: Transdisciplinary Research In Principles Of Data Science Phase I (HDR TRIPODS Phase I), and Data Science Corps (DSC).

The Data Science Corps is one of the components of the HDR ecosystem enabling education and workforce development by focusing on building capacity for harnessing the data revolution at the local, state, and national levels to help unleash the power of data in the service of science and society. The Data Science Corps will provide practical experiences, teach new skills, and offer learning opportunities in different settings. This solicitation prompts the community to envision creative educational pathways that will transform data science education and expand the data science talent pool by enabling the participation of undergraduate and Master’s degree students with diverse backgrounds, experiences, skills, and technical maturity in the Data Science Corps. These activities are envisioned to be inherently collaborative, with a lead organization and one or more collaborating organizations.

**Awards:** Standard Grant or Continuing Grant; Anticipated Funding Amount: $12,000,000

**Letters of Intent:** Not required

**Proposal Submission Deadline:** January 26, 2021 - February 12, 2021

**Contacts:**
- Amarda Shehu, Program Director, CISE/IIS, telephone: (703) 292-8191, email: ashehu@nsf.gov
- Sylvia Spengler, Program Director, CISE/IIS, telephone: (703) 292-7347, email: ssengler@nsf.gov
- Christopher Stark, Program Director, MPS/DMS, telephone: (703) 292-4869, email: cstark@nsf.gov

---

**Grant Program: Designing Materials to Revolutionize and Engineer our Future (DMREF)**

**Agency:** National Science Foundation NSF 21-522


**Brief Description:** DMREF is the primary program by which NSF participates in the Materials Genome Initiative (MGI) for Global Competitiveness. MGI recognizes the importance of materials science and engineering to the well-being and advancement of society and aims to "deploy advanced materials at least twice as fast as possible today, at a fraction of the cost." MGI integrates materials discovery, development, property optimization, and systems design with a shared computational framework. This framework facilitates collaboration and coordination of research activities, analytical tools, experimental results, and critical evaluation in pursuit of the MGI goals. Consistent with the MGI Strategic Plan, DMREF highlights four sets of goals:

- Leading a culture shift in materials science and engineering research to encourage and facilitate an integrated team approach;
- integrating experimentation, computation, data-intensive/-driven approaches, and theory, and equipping the materials science and engineering communities with advanced tools and techniques;
- making digital data findable, accessible, interoperable, and reusable, and useful to the community; and
- creating a world-class materials science and engineering workforce that is trained for careers in academia or industry.

**Awards:** Standard Grants; Anticipated Funding Amount: $40,000,000

**Letters of Intent:** Not required

**Proposal Submission Deadline:** January 11, 2021 - January 25, 2021

**Contacts:**
- John Schlueter, Team Lead, MPS/DMR, telephone: (703) 292-7766, email: jschluet@nsf.gov
- Peter Anderson, MPS/DMR, telephone: (703) 292-4507, email: peanders@nsf.gov
National Institutes of Health

Grant Program: Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32 - Clinical Trial Not Allowed)
Agency: National Institutes of Health PAR-21-026
RFP Website: https://grants.nih.gov/grants/guide/pa-files/PAR-21-026.html

Brief Description: The National Institutes of Health (NIH) recognizes the need to diversify the scientific workforce by enhancing the participation of individuals from groups identified as underrepresented in the biomedical, clinical, behavioral and social sciences (collectively termed "biomedical") research workforce. Research shows that diverse teams working together and capitalizing on innovative ideas and distinct perspectives outperform homogenous teams. Scientists and trainees from diverse backgrounds and life experiences bring different perspectives, creativity, and individual interests to address complex scientific problems. There are many benefits that flow from a diverse NIH-supported scientific workforce, including fostering scientific innovation, enhancing global competitiveness, contributing to robust learning environments, improving the quality of research, enhancing public trust, and increasing the likelihood that health disparities and the needs of underserved populations are addressed in biomedical research.

The Overarching Objective of this Graduate Research Training Initiative for Student Enhancement program is to develop a diverse pool of well-trained Ph.D. biomedical scientists, who have the following technical, operational, and professional skills:

- A broad understanding across biomedical disciplines and the skills to independently acquire the knowledge needed to advance their chosen fields;
- Expertise in a biomedical scientific discipline and the skills to think critically and independently, and to identify important biomedical research questions and approaches that push forward the boundaries of their areas of study;
- A strong foundation in scientific reasoning, rigorous research design, experimental methods, quantitative and computational approaches, and data analysis and interpretation;
- The skills to conduct research in the safest manner possible, and a commitment to approaching and conducting biomedical research responsibly, ethically, and with integrity;
- Experience initiating, conducting, interpreting, and presenting rigorous and reproducible biomedical research with increasing self-direction;
- The ability to work effectively in teams with colleagues from a variety of cultural and scientific backgrounds, and to promote inclusive and supportive scientific research environments;
- The skills to teach and communicate scientific research methodologies and findings to a wide variety of audiences (e.g., discipline-specific, across disciplines, and the public); and
- The knowledge, professional skills and experiences required to identify and transition into careers in the biomedical research workforce (i.e., the breadth of careers that sustain biomedical research in areas that are relevant to the NIH mission).

Awards: Application budgets are not limited but need to reflect the actual needs of the proposed project.
Letter of Intent: Not Applicable
Proposal Submission Deadline: February 26, 2021; January 28, 2022; January 30, 2023, by 5:00 PM local time of applicant organization. All types of applications allowed for this funding opportunity announcement are due on these dates.
Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Contact:** Sydella Blatch, Ph.D., National Institute of General Medical Sciences, Email: sydella.blatch@nih.gov; Patrick H. Brown, Ph.D., National Institute of General Medical Sciences, Email: patrick.brown@nih.gov

---

**Grant Program:** Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R21 Clinical Trial Not Allowed)

**Agency:** National Institutes of Health RFA-CA-21-003


**Companion Funding Opportunity:**

- **RFA-CA-21-004** - Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)
- **RFA-CA-21-005** - Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R21 Clinical Trial Not Allowed)
- **RFA-CA-21-006** - Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)

**Brief Description:**

This Funding Opportunity Announcement (FOA) solicits grant applications proposing exploratory research projects focused on the inception and early-stage development of highly innovative, molecular and/or cellular analysis technologies with transformative potential. The emphasis of this FOA is on supporting the development of novel capabilities involving a high degree of technical innovation for targeting, probing, or assessing molecular and cellular features of cancer biology. Well-suited applications must offer the potential to accelerate and/or enhance research in the areas of cancer biology, early detection, and screening, clinical diagnosis, treatment, control, epidemiology, and/or cancer health disparities. Technologies proposed for development may be intended to have widespread applicability but must focus on improving molecular and/or cellular characterizations of cancer. Applications involving an existing technology not yet demonstrated for the proposed cancer-relevant application(s) are also within the scope of this FOA but must involve additional technical modifications and development to allow for the proposed cancer-relevant context of use or some significant question of feasibility exists for achieving the proposed aims. If the research focus for the application involves an existing technology, a clear description of the feasibility risk justifying the use of the R21 mechanism must be included in the application. Applicants are encouraged to reach out to the Scientific/Research Contact below with any questions.

The current issuance of the IMAT Program consists of four separate FOAs that cover the following two areas:

- **Molecular and Cellular Analysis Technology Development for Cancer Research** is intended to support the development of technologies that are novel and potentially transformative to the molecular and cellular analysis of cancer, which may, in turn, accelerate basic or clinical cancer research. Applications must offer novel measurement, probing, or targeting of cancer-relevant targets at the molecular or cellular level.
  - RFA-CA-21-003 (this FOA, R21): Supports an early-stage feasibility study (inception through preliminary development) to demonstrate the core functional capabilities of the proposed technology.
  - RFA-CA-21-004 (R33): Assumes completion of the initial phase of development and supports the advanced development and robust validation of the technology.

- **Cancer-relevant Biospecimen Science Technologies** is centered on the development and validation of novel technologies to improve or assess the quality of cancer-relevant biospecimens
for research or clinical care. Applications must offer novel approaches for procurement, preservation, and/or isolation of proteins, DNA, RNA, and other small molecules from biospecimens or otherwise assess their biological integrity. The emphasis is on reducing the impact of pre-analytical variations in the collection, processing, handling, and preservation of cancer-relevant biospecimens or their derivatives to improve their quality and utility for cancer research or clinical care.

- RFA-CA-21-005 (R21): Supports an early-stage feasibility study (inception through preliminary development) to demonstrate the core functional capabilities of the proposed technology.
- RFA-CA-21-006 (R33): Assumes completion of the initial phase of development and supports the advanced development and robust validation of the technology.

**Awards:** Direct costs are limited to $400,000 over a 3-year period, with no more than $200,000 in direct costs allowed in any single year.

**Letter of Intent:** 30 days prior to the application due date

**Proposal Submission Deadline:** February 22, 2021; May 27, 2021; September 29, 2021

No late applications will be accepted for this Funding Opportunity Announcement.

All applications are due by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on the listed date(s). Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Contact:** Tony Dickherber, Ph.D., National Cancer Institute (NCI), Telephone: 301-547-9980 Email: dickherberaj@mail.nih.gov

---

**Grant Program:** Outstanding New Environmental Scientist (ONES) Award (R01 Clinical Trial Optional)

**Agency:** National Institutes of Health RFA-ES-21-001


**Brief Description:** An essential element of the mission of the National Institute of Environmental Health Sciences (NIEHS) is the support and career promotion of the next generation of exceptionally talented and creative new scientists who will further the understanding of the impact of environmental exposures on human health. The NIEHS supports training and fellowship programs for pre and postdoctoral training, and mentored career development awards for faculty in the early stages of their career development. In 2006, NIEHS initiated a program of research grants for Early Stage Investigators, The Outstanding New Environmental Scientist (ONES) Award, that is designed to identify the best new biomedical investigators across the spectrum of science supported by the NIEHS (i.e., including basic mechanistic, clinical and population based researchers) and facilitate their establishing a vibrant, independent research program in the environmental health sciences.

The ONES program is designed to identify outstanding scientists at the formative stages of their career and assist them in launching an innovative research program with a defined impact in the environmental health sciences. These R01 research grants are targeted for researchers who are defined by the NIH as Early Stage Investigators.

Applications submitted in response to this FOA must have a research focus on exposure–health related responses from environmental agents within the mission interest of the NIEHS. The Strategic Plan emphasizes that environmental exposures within the primary mission interest of NIEHS may both manifest effects through direct toxicities and as an element in combined exposures in the totality of all types of human exposure experiences throughout the lifespan, the exposome.
Awards: The budget for direct costs is composed of two elements - research direct costs and career enhancement costs. For most applications, the budget for research direct costs should be limited to $250,000 per year. With strong justification, research projects which have inherently higher costs may request direct costs of up to $400,000 per year. Career enhancement direct costs are limited to $250,000 per year, which can be distributed over the 5-year award period. Note: the total direct cost budget (research plus career enhancement) may not exceed $475,000 in any year of the award.

Letter of Intent: 30 days prior to the application due date.

Proposal Submission Deadline: February 26, 2021; February 24, 2022; February 24, 2023

All applications are due by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on the listed date(s).

Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Contact: Carol A. Shreffler, Ph.D., National Institute of Environmental Health Sciences (NIEHS), Telephone: 984-287-3322, Email: shreffl1@niehs.nih.gov

Grant Program: Analytical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U44 Clinical Trial Optional)
Agency: National Institutes of Health PAR-21-057
RFP Website: https://grants.nih.gov/grants/guide/pa-files/PAR-21-057.html

Companion Funding Opportunity
PAR-21-056 - Analytical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U01 Clinical Trial Optional)
PAR-21-058 - Clinical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U01 Clinical Trial Optional)
PAR-21-059 - Clinical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U44 Clinical Trial Optional)

Brief Description: This PAR is intended to address the gap in biomarker validation by encouraging rigorous analytical validation of the biomarker detection method. Analytical Validation is defined as the process of establishing that the performance characteristics of the measurement(s) are acceptable in terms of the sensitivity, specificity, accuracy, precision, and other relevant performance characteristics using a specified technical protocol (which may include sample collection and standardization procedures). The level of analytical rigor that is necessary depends upon the characteristics of the biomarker, the detection technology, and the intended category(ies) of biomarker (diagnostic, prognostic, predictive, pharmacodynamic/response, monitoring, safety, or susceptibility/risk) within the proposed context of use(s). Analytical validation establishes the measurement's technical performance so that final clinical validation can be established. Applicants with a detection method that has already been analytically validated for its intended Context of Use may apply directly to the companion PAR, Clinical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U01 - Clinical Trial Optional) which addresses retrospective and/or prospective clinical validation of candidate biomarkers for use in clinical trials and/or clinical practice.

Applications to this PAR must propose to conduct analytical validation of a biomarker or biomarker signature that already has a well-defined proof of concept and biological rationale. Premise and proof of concept must include evidence that the biomarker/biomarker signature has been tested in an appropriate clinical population, using either prospective or retrospective data or samples and shows sufficient sensitivity and specificity to warrant additional investment. In addition, applications to this PAR must include evidence that the detection method for the biomarker has been developed and subjected to initial evaluation of precision and analytical sensitivity. The application should clearly describe how the
proposed study plans to optimize and standardize the detection method, as well as clearly define and rigorously test the analytic and pre-analytic variables to ensure broad and reliable clinical use across multiple sites.

**Awards:** Budgets up to $700,000 total costs per year for Phase I and up to $1,500,000 total costs per year for Phase II may be requested.

**Letter of Intent:** 30 days prior to the application due date.


All applications are due by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on the listed date(s).

Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Contact:** Carol Taylor-Burds, PhD, National Institute of Neurological Disorders and Stroke (NINDS)
Telephone: 301-496-1779, Email: carol.taylor-burds@nih.gov

---

**Grant Program:** Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed)

**Agency:** National Institutes of Health PAR-21-038

**Companion Funding Opportunity:** PAR-21-039 - Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Basic Experimental Studies with Humans Required)


**Brief Description:** The purpose of this Funding Opportunity Announcement is to provide a new pathway for Early Stage Investigators (ESIs) who wish to propose research projects in a new direction for which preliminary data do not exist. The Stephen I. Katz Early Stage Investigator Research Project Grant, named in honor of the late National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) Director, Stephen I. Katz, M.D., Ph.D., is open to a broad range of scientific research relevant to the mission of the participating NIH Institutes and Centers (ICs). Proposed projects must represent a change in research direction for the ESI and should be innovative and unique. A distinct feature for this FOA is that applications must not include preliminary data. This FOA is appropriate for ESIs who wish to initiate a research project in an area different from their previous research focus and/or training experience, and therefore have not produced preliminary data. PD/PI's who wish to proposed research projects consistent with their past work or training and/or supported by preliminary data, should apply to the Parent R01 or other FOAs allowing for preliminary data.

Proposed research projects can rely on the PD/PI’s prior work and expertise as its foundation, but must not be an incremental advancement, expansion, or extension of a previous research effort. The change in research direction could involve, for example, a new approach, methodology, technique, discipline, therapeutic target, and/or new paradigm, different from the ESI’s previous research efforts. Importantly, the proposed direction must represent a change in research direction for the PD/PI. Because a change in research direction is heavily dependent upon the area of investigation, potential applicants are strongly encouraged to contact a program director to discuss their proposed project. If the application proposes multiple Principal Investigators (MPIs), all PD/PIs must be ESIs and the research direction must be a change in research direction for all MPIs. Please note that the application must describe how the proposed new research direction is different from the ESI’s past work in a separate attachment entitled “New Research Directions” (see Section IV, SF424(R&R) Other Project Information).

**For this FOA, applications including preliminary data will be considered noncompliant with the FOA instructions and will be withdrawn.** Preliminary data are defined as data not yet published. Existence of preliminary data is an indication that the proposed project has advanced beyond the scope
defined by this program and makes the application unsuitable for this funding opportunity. Publication in the proposed new research direction is an indication that the proposed work may not be in a new research direction for the ESI.

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

**Letter of Intent:** Not Applicable

**Proposal Submission Deadline:** January 26, 2021; May 26, 2021; September 28, 2021; January 26, 2022; May 26, 2022; September 27, 2022; January 26, 2023; May 26, 2023; September 26, 2023

All applications are due by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on the listed date(s).

Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Contact:** [Katz R01 Award Clinical Trial Not Allowed IC-Specific Scientific Interests and Contacts website](#)

---

**Grant Program:** Regional Technology Transfer Accelerator Hubs for IDeA States (STTR) (UT2 - Clinical Trial Not Allowed)

**Agency:** National Institutes of Health RFA-GM-21-001


**Brief Description:** This Funding Opportunity Announcement (FOA) solicits applications to strengthen the regional technology transfer accelerator hubs for Institutional Development Award (IDeA) states. Accelerator hubs funded by the awards under this FOA are expected to develop, refine, and implement comprehensive programs for fostering biomedical entrepreneurship which will promote technology transfer, small business finance and management, and other business skills needed to move basic discoveries and technologies out of the lab into commercial products that improve patient care and enhance human health. Each Hub will serve a network of multiple institutional sites across the IDeA states in one of the four regions where the academic partners are located. The goals of this FOA are to: 1) build on regional technology transfer programs to further strengthen the capacity to bring scientific results from academic institutions into the market; 2) fund a pilot project program for product definition studies (e.g., feasibility studies, prototype development, proof-of-concept, and preclinical studies); 3) provide access to expertise and resources in areas required for early stage technology development; 4) provide skills development and hands-on experience in entrepreneurship; and 5) promote a sustainable culture of biomedical entrepreneurship within IDeA states. It is anticipated that the educational tools developed under this FOA will be licensed or sold to other institutions that wish to create accelerator hubs. Establishing public-private partnerships and securing additional non-federal funds will be critical for long-term success.

**Awards:** Budgets up to $1.7 million total costs (direct costs, F&A and fee) per year may be requested.

**Letter of Intent:** Not Applicable

**Proposal Submission Deadline:** January 5, 2021

All applications are due by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on the listed date(s).

Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Contact:** Krishan K. Arora, Ph.D.; National Institute of General Medical Sciences (NIGMS); Email: arorak@nigms.nih.gov

[Back to Contents](#)
Grant Program: Synthetic Biology  
Agency: Department of Army Center for Synthetic Biology W911NF-21-S-0002  
Website: [https://www.grants.gov/web/grants/view-opportunity.html?oppId=329839](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329839)  
Brief Description: The Army Center for Synthetic Biology aims to promote research in specific areas of synthetic biology and to promote a candid and constructive relationship between the Army Science and Technology (S&T) enterprise and the synthetic biology research community. Strong collaborations between DA and academia are necessary to overcome challenges associated with achieving the desired goals. Tackling these will require a large comprehensive cooperative effort (while also allowing for exploratory efforts for high-risk concepts) with a teamed approach involving multiple researchers collaborating across separate disciplines. Listed below are knowledge gaps and basic research opportunities which are to be addressed by the Army Center for Synthetic Biology. These are discussed in further detail as the Technical Thrust Areas in Section II.A.2.  
  a. Predictive Design of Engineered Biological Materials  
  b. Predictive Design of Engineered Cellular Systems in Defined Environments  
Awards: Multiple awards are anticipated. Award Ceiling: $2,000,000  
Letter of Intent: Please see below.  
Proposal Deadline:  
Whitepapers Due:  
Funding Area One (Team): 01 February 2021  
Funding Area Two (Seedling): 01 February 2021, 01 February 2022, 01 February 2023, 01 February 2024  
Final Proposals by Invite Only Due:  
Funding Area One (Team): 24 May 2021  
Funding Area Two (Seedling): 24 May 2021, 24 May 2022, 24 May 2023, 24 May 2024  
Contact Information: William A Creech Contracting/Grants Officer Phone 9195494387  
Point of Contact  

Grant Program: Science & Technology for Advanced Manufacturing Projects (STAMP)  
Agency: Department of Defense Office of Naval Research N00014-21-S-B002  
Website: [https://www.grants.gov/web/grants/view-opportunity.html?oppId=329699](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329699)  
Brief Description: The Department of Defense Manufacturing Technology Program (ManTech) is the Defense Department’s investment mechanism for staying at the forefront of defense-essential manufacturing capability. The Program develops technologies and processes for the affordable and timely production and sustainment of defense systems. The Program impacts all phases of acquisition. It aids in achieving reduced acquisition and total ownership costs by developing, maturing, and transitioning key manufacturing technologies. ONR will focus investments on those that have the most benefit to the warfighter and include quick-hitting, rapid response projects to address immediate manufacturing needs. The ManTech Program targets the needs of our warfighters and weapon system programs by helping to find and implement affordable low-risk solutions. The ManTech Program:  
• Provides the crucial link between technology invention and development and industrial applications;  
• Matures and validates emerging manufacturing technologies to support low-risk implementation in industry and DoD facilities, for example depots and shipyards;  
• Addresses production issues from system development through transition to production and sustainment;
• Disseminates information concerning improved manufacturing improvement concepts, including information on such matters as best manufacturing practices, product data exchange specifications, computer-aided acquisition and logistics support, and rapid acquisition of manufactured parts; and
• Sustains and enhances the skills and capabilities of the manufacturing work force.

Awards: Multiple awards are anticipated.

Letter of Intent: Not required.

Proposal Deadline: This announcement will remain open until 30 October 2021 or until replaced by a successor BAA, whichever comes first.

Contact Information: Lynn Christian Contracting Officer For questions regarding this posting. Questions of a technical nature should be submitted to: Point of Contact Name: Dr. William Mullins Point of Contact Occupation Title: Program Officer Division Title: Naval Materials Division Division Code: 332 One Liberty Center 875 N. Randolph Street Arlington, VA 22203-1995 Email Address: william.m.mullins@navy.mil

Grant Program: Department of Army Energetics Basic Research Center Fiscal Year 2022
Agency: Department of Defense Dept of the Army -- Materiel Command W911NF-21-S-0001
Website: https://www.grants.gov/web/grants/view-opportunity.html?oppId=329459

Brief Description: The future Army is projected to be unable to achieve dominance in range and lethality due to inadequate energetic formulations and form factor limitations associated with current weapon systems. Basic research generates new knowledge that may be exploited to develop and deliver new materials and technologies that contribute to enhanced lethal effects at the system level as well as increased range and a smaller payload. These, in turn, enable space for larger, missioncritical systems, and shorter time-to-target ensuring Army battlefield dominance in MultiDomain Operations. Army research must encompass new ways to expedite the discovery, design, and scale-up of new materials and concepts which when integrated into newly designed weapons components (e.g. additively manufactured high strength steels with pre-formed fragmentation patterns, and structural reactive materials) developed at ARL and across the Army and DoD communities, will deliver decisive weapons overmatch.

To achieve the desired future technological overmatch, advances must be made in new synthetic methodologies targeting novel energetic materials to increase performance for both explosive and propulsion applications. Physics-based synthesis (e.g., processes that use pressure, mechanical action, electromagnetic fields and/or high-energy plasmas) can potentially access materials outside those available via classical chemical synthesis, allowing exploitation of novel, nontraditional materials capable of explosive energy release (e.g., dense metastable extended solids such as doped poly-nitrogen, structural-bond-energy release materials, composite reactive materials).

Awards: It is anticipated that $3M in annual funding will be available for award to a single proposal under Funding Area One (Center). It is also anticipated that up to $1M in annual aggregate funding will be available for all awards under Funding Area Two (Seedling). It is anticipated that the Seedling awards will range from $60k-$250k per year, with typical awards in the range of $120k-$180k per year. Awards in the upper end of the range will be made only for extremely meritorious proposals. Seedling Proposals submitted under Funding Area Two in excess of $250k per year will not be considered. It is anticipated that $4M per year is the aggregate funding available for all full proposal awards under the EBRC BAA (to include Center and Seedling awards).

Letter of Intent: White papers are required.

Proposal Deadline: White Papers Due: 3 January 2021; Final Proposals by Invite Only Due: 2 May 2021

Contact Information: Program Manager: Ralph A. Anthenien Jr., ralph.a.anthenien2.civ@mail.mil, 919-549-4317 b. Technical Points of Contact (TPOCs) i. Robert Mantz robert.a.mantz.civ@mail.mil
Grant Program: Young Faculty Award (YFA)  
Agency: Department of Defense DARPA DARPA-RA-21-01  
Website: https://beta.sam.gov/opp/aabf37db17b949b88494684292eb854e/view  

Brief Description: The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. In particular, YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs, but the program is open to all qualified applicants with innovative research ideas.

Awards: Multiple awards are anticipated. Anticipated Funding Available for Award: Each award will include a 24-month base period (a maximum of $500,000) and a 12-month option period (a maximum of $500,000).

Letter of Intent: Executive Summary Due Date: October 26, 2020, 4:00 p.m. o FAQ Submission Deadline: December 21, 2020, 4:00 p.m. See Section VIII.A.  
Proposal Deadline: Full Proposal Due Date: January 8, 2021, 4:00 p.m.  
Contact Information: BAA Coordinator DARPA-RA-21-01@darpa.mil

Grant Program: Defense Sciences Office Office-wide  
Agency: Department of Defense DARPA - Defense Sciences Office HR001120S0048  
Website: https://beta.sam.gov/opp/36d6bc789b364142a0f7a267017b06d9/view  

Brief Description: The mission of the Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is to identify and create the next generation of scientific discovery by pursuing high-risk, high-payoff research initiatives across a broad spectrum of science and engineering disciplines and transforming these initiatives into disruptive technologies for U.S. national security. In support of this mission, the DSO Office-wide BAA invites proposers to submit innovative basic or applied research concepts or studies and analysis proposals that address one or more of the following technical thrust areas: (1) Frontiers in Math, Computation and Design, (2) Limits of Sensing and Sensors, (3) Complex Social Systems, and (4) Anticipating Surprise. Each of these thrust areas is described below and includes a list of example research topics that highlight several (but not all) potential areas of interest. Proposals must investigate innovative approaches that enable revolutionary advances. DSO is explicitly not interested in approaches or technologies that primarily result in evolutionary improvements to the existing state of practice.

Awards: Multiple awards are anticipated; however, the level of funding for individual awards made under this solicitation has not been predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds.

Proposal Deadline: Executive Summary Due Date and Time: June 11, 2021, 4:00 p.m. o Proposal Abstract Due Date and Time: Abstracts may be submitted on a rolling basis until June 11, 2021, 4:00 p.m. o FAQ Submission Deadline: June 2, 2021, 4:00 p.m. Proposals may be submitted on a rolling basis until June 11, 2021, 4:00 p.m.
Grant Program: C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research
Agency: Department of Defense Naval Information Warfare Center Pacific N66001-20-S-4702
Website: https://www.grants.gov/web/grants/search-grants.html

Brief Description: Naval Information Warfare Center, Pacific (NIWC Pacific), is soliciting proposals in accordance with FAR 35.016, DoDGARS 22.315(a), and DoD Other Transactions (OT) Guide for Prototype Projects for research in areas relating to the advancement of C4ISR capabilities, enabling technologies for Information Operations and Cyberspace Operations, and Information Technology systems. Submissions in response to this announcement shall be for areas relating to the advancement of Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) capabilities, enabling technologies for Information Operations and Cyberspace Operations, and Information Technology systems. Proposed research should investigate unique and innovative approaches for defining and developing next generation integratable C4ISR capabilities and command suites. The area topics reflect the interest of the NIWC Pacific, but interest from other Team NAVWAR components could be generated and selections could be made for funding by other than NIWC Pacific. Only offers that are in the areas of basic research, applied research, advanced technology development, and advanced component development and prototypes will be considered (see Appendix A). Testing and optimizing of concepts or prototypes may be necessary. This may involve virtual simulation and/or laboratory as well as at sea measurements.

Awards: Multiple awards are anticipated

Proposal Deadline: Closing date; June 03. 2021 Any white papers received during that time shall only be considered for award of a contract, other transaction, grant, or cooperative agreement.

Contact Information: David Roden (Primary) Contract Specialist Telephone: (619) 553-2087 Email: David.Roden@navy.mil
NIWC Pacific Code 22710 53560 Hull Street San Diego, CA 92152-5001

Department of Transportation

Grant Program: Pilot Program for Transit-Oriented Development (TOD) Planning 2020 Notice of Funding
Agency: Department of Transportation  FTA-2020-014-TPE
Website: https://www.fhwa.dot.gov/fastact/factsheets/advtranscongmgmtfs.cfm

Brief Description: The Pilot Program for TOD Planning is intended to fund comprehensive planning that supports economic development, ridership, multimodal connectivity and accessibility, increased transit access for pedestrian and bicycle traffic, and mixed-use development near transit stations. The program also encourages identification of infrastructure needs and engagement with the private sector. Consistent with statutory direction, FTA is seeking comprehensive planning projects covering an entire transit capital project corridor, rather than proposals that involve planning for individual station areas or only a small section of the corridor. To ensure any proposed planning work reflects the needs and aspirations of the local community and results in concrete, specific deliverables and outcomes, transit project sponsors must partner with entities with land use planning authority in the transit project corridor to conduct the planning work.
The Pilot Program for TOD Planning helps support FTA’s mission of improving public transportation for America’s communities by providing funding to local communities to integrate land use and transportation planning around a new fixed guideway or core capacity improvement project. Per statute, any comprehensive planning funded through the program must examine ways to improve economic development and ridership, foster multimodal connectivity and accessibility, improve transit access for pedestrian and bicycle traffic, engage the private sector, identify infrastructure needs, and enable mixed-use development near transit stations.

**Award:** The Federal Transit Administration (FTA) announces the availability of approximately $6.2 million in Pilot Program. FTA may award amounts ranging from $250,000 to $2,000,000.

**Letter of Intent:** Not Required

**Proposal Deadline:** An applicant must submit a proposal electronically by **11:59 p.m. Eastern Daylight Time on October 26, 2020.**

**Contact Information:** Dwayne Weeks, Office of Planning and Environment, (202) 493-0316, email: Dwayne.Weeks@dot.gov

---

**Department of Agriculture:**

**Grant Program:** Community Connect Grant Program  
**Agency:** Department of Agriculture  
**RDRUS-CC-2021**  
**Brief Description:** The Agency encourages applications that will help improve life in Rural America. See information on the Interagency Task Force on Agriculture and Rural Prosperity found at www.usda.gov/ruralprosperity. Applicants are encouraged to consider projects that provide measurable results in helping rural communities build robust and sustainable economies through strategic investments in infrastructure, partnerships and innovation. Key strategies include: • Achieving e-Connectivity for Rural America • Developing the Rural Economy • Harnessing Technological Innovation • Supporting a Rural Workforce • Improving Quality of Life  
**Awards:** Grant from $100,000 to $3,000,000 will be applied to this grant opportunity  
**Proposal Deadline:** December 23, 2020  
**Contact Information:** Contact Us at: [https://www.rd.usda.gov/programs-services/communityconnect-grants#blocktabs-program_page--45](https://www.rd.usda.gov/programs-services/communityconnect-grants#blocktabs-program_page--45).

---

**Grant Program:** Agriculture and Food Research Initiative - Foundational and Applied Science  
**Agency:** Department of Agriculture  
**USDA-NIFA-AFRI-007692**  
**Website:** [https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program](https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program)  
**Brief Description:** The AFRI Foundational and Applied Science Program supports grants in six AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Research-only, extension-only, and integrated research, education and/or extension projects are solicited in this Request for Applications (RFA). See Foundational and Applied Science RFA for specific details.  
**Letter of Intent:** Required.
Awards: Up to $15,000,000; Anticipated available funding: $290,000,000
Proposal Deadline: Thursday, July 29, 2021
Contact Information: AFRI Coordination Team

Department of Labor

Grant Program: H-1B One Workforce Grant Program
Agency: Department of Labor FOA-ETA-20-13
Website: https://www.grants.gov/web/grants/view-opportunity.html?oppId=329075
Brief Description: The Employment and Training Administration (ETA), U.S. Department of Labor (DOL, or the Department, or we), announces the availability of up to $150 million in grant funds authorized under section 414(c) of the American Competitiveness and Workforce Improvement Act of 1998 (ACWIA), as amended (codified at 29 USC 3224a) for the H-1B One Workforce grant program. We expect to fund approximately 15–30 grants, with individual grant amounts ranging from $500,000 to $10 million. The purpose of this grant program is to fill critical shortages in economic regions by encouraging states and economic regions to work with industry stakeholders to develop dynamic workforce strategies that train workers and jobseekers for middle- to high-skilled H-1B occupations in key industry sectors, such as Information Technology (IT), advanced manufacturing, and transportation that are being transformed by technological advancements and automation, as well as other industries of the future that include artificial intelligence (AI), quantum information sciences (QIS), 5G/advanced communications, and biotechnology.

These grants will build proof of concepts of innovative training models that can be replicated by the broader workforce system. Applicants must build support for a common vision for responding to the workforce challenges within their state and economic regions, ensuring that their projects complement and leverage, but do not duplicate existing programs. By forging public-private partnerships—H-1B One Workforce Partnerships—applicants will bring together industry and employers, education and training providers, the workforce system, state and local government, and other entities that will work collaboratively to align resources in response to employer demand and to offer novel education and job training solutions that generate positive outcomes and results.

Awards: Awards up to $10,000,000; Anticipated available funding: $150,000,000.
Proposal Deadline: Nov 12, 2020  The closing date for receipt of applications under this announcement is November 12, 2020. Applications must be received no later than 4:00:00 p.m. Eastern Time.
Contact Information: Andrea Chism Grants Management Specialist Chism.Andrea.N@dol.gov
NOAA. Funding for activities described in this notice is contingent upon the availability of Fiscal Year 2021, Fiscal Year 2022, and Fiscal Year 2023 appropriations. Applicants are hereby given notice that funds have not yet been appropriated for any activities described in this notice. Publication of this announcement does not oblige NOAA to review an application beyond an initial administrative review, or to award any specific project, or to obligate any available funds. As an agency with responsibilities for maintaining and improving the viability of marine and coastal ecosystems, for delivering valuable weather, climate, and water information and services, for understanding the science and consequences of climate change, and for supporting the global commerce and transportation upon which we all depend, NOAA must remain current and responsive in an ever-changing world.

**Awards:** Contingent to the availability of funds.

**Letter of Intent:** Contact the program director.

**Proposal Deadline:** Applications can be submitted on a rolling basis starting from the publication date of this Broad Agency Announcement up to 11:59:59 p.m., Eastern Daylight Time on September 30, 2023.

**Contact Information:** Mr. Lamar Dwayne Revis, 301-628-1308, lamar.revis@noaa.gov

---

**EPA**

**Grant Program:** Technical Assistance to Brownfields Communities  
**Agency:** Environmental Protection Agency EPA-OLEM-OBLR-20-08  
**Website:** [https://www.epa.gov/grants/technical-assistance-brownfields-communities-0](https://www.epa.gov/grants/technical-assistance-brownfields-communities-0)  

**Brief Description:** A critical part of EPA’s Brownfields and Land Revitalization Program is to ensure that residents living in communities historically affected by economic disinvestment, health disparities, and environmental contamination have an opportunity to reap the benefits from brownfields redevelopment. The Program has a rich history rooted in a commitment to environmental justice and to helping communities revitalize brownfield properties, mitigate potential health risks, and restore economic vitality.

EPA’s Office of Brownfields and Land Revitalization (OBLR) is soliciting applications from eligible entities to provide technical assistance within the geographic areas delineated in Section I.B.6. to assist communities facing brownfields challenges. Cooperative agreements awarded under this announcement will help communities tackle the challenge of assessing, cleaning up and preparing brownfield sites for redevelopment, especially underserved/rural/small and otherwise distressed communities. The technical assistance provided through these agreements will cover technical support on various brownfields subject areas. Regardless of the mechanism by which the technical assistance is made available, it should be geared toward results and in helping the community to move its brownfield sites forward in the process toward cleanup and reuse. In addition, understanding the underlying technical issues associated with a brownfield site will enable communities to participate substantively in brownfield site decisions. For the purposes of this solicitation, technical assistance is defined as providing advice and support, in the form of specialized knowledge, to a person or organization with the goal of guiding them through the brownfield assessment, cleanup and revitalization process or helping them understand complex brownfields-related subject matter. The recipient will provide technical assistance, consistent with EPA policy and procedures, and serve as an independent source of information to assist communities.

**Award:** The total estimated funding for the solicitation is $11,000,000. EPA anticipates award of up to 11 cooperative agreement(s). The maximum value of each agreement will be based on the technical assistance being provided but the funding for no geographical area will exceed $1,000,000 under this competitive opportunity.
**Submission Deadline:** December 22, 2020, 11:59 p.m. Eastern Time (ET)

**Contact:** Sahar Rana, (202)566-2916 rana.sahar@epa.gov

---

**Grant Program:** Viral Pathogen and Surrogate Approaches for Assessing Treatment Performance in Water Reuse  
**Agency:** Environmental Protection Agency EPA-G2021-STAR-A1  
**Brief Description:** For the purpose of this RFA, viral surrogates are defined as an organism, particle, or compound used to study the fate of a pathogen in a given environment (1). Viral surrogates may include nonpathogenic (e.g., coliphage, pepper mild mottle virus [PMMoV], etc.) or pathogenic viruses (e.g., adenovirus, norovirus, etc.) and/or other types of indicators demonstrated to predict the presence of and/or risk of illness from human pathogenic viruses (e.g., enterococcus qPCR [EPA Method 1609], the human marker HF183, etc.) via co-occurrence studies and quantitative microbial risk assessments. EPA recognizes that it is important to engage all available minds to address the environmental challenges the Nation faces. At the same time, EPA seeks to expand the environmental conversation by including members of communities which may have not previously participated in such dialogues to participate in EPA programs. For this reason, EPA strongly encourages all eligible applicants identified in Section III, including minority serving institutions (MSIs), to apply under this opportunity.  
**Award:** It is anticipated that a total of approximately $6.2 million will be awarded under this announcement.  
**Submission Deadline:** Solicitation Closing Date: January 6, 2021 11:59:59 pm Eastern Time  
**Contact:** Sarah Ludwig-Monty, Phone: 202-566-1072 ludwig-monty.sarah@epa.gov

---

**Department of Energy**

**Grant Program:** Computational Chemical Sciences  
**Agency:** Department of Energy Office of Science DE-FOA-0002426  
**Website:** [https://www.grants.gov/web/grants/view-opportunity.html?oppId=329588](https://www.grants.gov/web/grants/view-opportunity.html?oppId=329588)  
**Brief Description:** The DOE SC program in Basic Energy Sciences (BES) hereby announces its interest in receiving new and renewal applications from small groups (2-3 principal investigators) and integrated multidisciplinary teams (typically from multiple institutions) in Computational Chemical Sciences (CCS). Single-investigator applications are not responsive to the objectives of this FOA. CCS will support basic research to develop validated, open-source codes for modeling and simulation of complex chemical processes and phenomena that allow full use of emerging exascale and future planned DOE leadership-class computing capabilities. The focus for CCS is on developing capabilities that allow modeling and simulation of new or previously inaccessible complex chemical systems and/or provide dramatic improvement in fidelity, scalability, and throughput. Teams should bring together expertise in domain areas (e.g., electronic structure, chemical dynamics, statistical mechanics, etc.) and other areas important to advance computational tools such as data science, algorithm development, and software architectures. Priority will be given to efforts that address reaction chemistry across multiple scales in complex environments important in geosciences, catalysis, biochemistry, or electrochemistry.  
**Awards:** Anticipated available funding: $32,000,000  
**Letter of Intent:** Please see below.
Submission Deadline: Submission Deadline for Pre-Applications: December 2, 2020 at 5 PM Eastern Time A Pre-Application is required Pre-Application Response Date: January 11, 2021 at 5 PM Eastern Time Submission Deadline for Applications: February 8, 2021 at 11:59 PM Eastern Time

Contact: Dr. Jeffrey L. Krause 301-903-5827 (office); 202-380-7911 (cell) Jeff.Krause@science.doe.gov

Grant Program: Atmospheric System Research (ASR)
Agency: Department of Energy Office of Science DE-FOA-0002391
Website: https://www.grants.gov/web/grants/view-opportunity.html?oppId=329520

Brief Description: The DOE SC program in Biological and Environmental Research (BER) hereby announces its interest in receiving applications for Atmospheric System Research (ASR) within BER’s Earth and Environmental Systems Division (EESD). ASR supports research on key cloud, aerosol, precipitation, and radiative transfer processes that affect the Earth’s radiative balance and hydrological cycle, especially processes that limit the predictive ability of regional and global models. This FOA solicits research grant applications for observational, data analysis, and/or modeling studies that use observations[1] supported by BER, including the Atmospheric Radiation Measurement (ARM) user facility, to improve understanding and model representation of: 1) aerosol-cloud interactions, 2) aerosol processes, 3) warm boundary layer processes, 4) Arctic atmospheric processes from ARM’s Cold-Air Outbreaks in the Marine Boundary Layer Experiment (COMBLE) and Multidisciplinary Drifting Observatory for the Study of Arctic Climate (MOSAiC) campaigns, and/or 5) convective cloud processes from ARM’s Cloud, Aerosol, and Complex Terrain Interactions (CACTI) field campaign. All research supported from awards under this FOA is intended to benefit the public through increasing our understanding of the Earth system.

Awards: Anticipated available funding: $14,600,000
Letter of Intent: Please see below.
Submission Deadline: Submission Deadline for Pre-Applications: December 2, 2020, 5:00 pm Eastern Time A Pre-Application is required Pre-Application Response Date: December 16, 2020, 5:00 Eastern Time Submission Deadline for Applications: January 27, 2021, 11:59 pm Eastern Time

Contact: Dr. Shaima L. Nasiri Shaima.Nasiri@science.doe.gov Dr. Jeff Stehr Jeff.Stehr@science.doe.gov

Grant Program: Early Career Research Program
Agency: Department of Energy DE-FOA-0002421
Website: https://www.grants.gov/web/grants/view-opportunity.html?oppId=329485

Brief Description: DOE SC hereby invites applications for support under the Early Career Research Program in the following program areas: Advanced Scientific Computing Research (ASCR); Basic Energy Sciences (BES); Biological and Environmental Research (BER); Fusion Energy Sciences (FES); High Energy Physics (HEP); Nuclear Physics (NP); Isotope R&D and Production (DOE IP); or Accelerator R&D and Production (ARDAP). The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by SC.
SC’s mission is to deliver the scientific discoveries and major scientific tools to transform our understanding of nature and advance the energy, economic, and national security of the United States. SC is the Nation’s largest Federal sponsor of basic research in the physical sciences and the lead Federal agency supporting fundamental scientific research for our Nation’s energy future.
Early Career Research Program opportunities exist in the following SC research programs. Additional details about each program, websites, and technical points of contacts are provided in the FOA. A.
Grant Program: Connected Communities
Agency: Department of Energy DE-FOA-0002206
Website: https://eere-exchange.energy.gov/#Foaldd9d24afcd-e292-4ea2-a4d3-d36e2b9dd9c7
Brief Description: A Connected Community (CC) is a group of grid-interactive efficient buildings GEB with diverse, flexible end use equipment and other distributed energy resources (DERs) that collectively work to maximize building, community, and grid efficiency. Under this FOA, DOE will select a portfolio of “Connected Community” projects totaling up to $65 million in varying climates, geographies, building types, building vintages, DERs utility/grid/regulatory structures and resource bases. Through funding these projects, DOE hopes to find and share technical and market solutions that will increase demand flexibility and energy efficiency.
Awards: Anticipated available funding: $65,000,000
Letter of Intent: Concept Paper Submission Deadline: 2/17/2021 5:00 PM ET
Submission Deadline: Full Application Submission Deadline: 3/3/2021 5:00 PM ET
Contact: EERE-ExchangeSupport@hq.doe.gov
For questions about the Exchange System or submitting an application through Exchange. Include FOA name and number in subject line; • CCPilotsFOA@ee.doe.gov For questions regarding the Connected Communities FOA

NASA

Grant Program: Heliophysics Environmental and Radiation Measurement Experiment Suite (HERMES) Interdisciplinary Science Teams
Agency: NASA NNH20ZDA001N-HIDS
Website: https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7BD70A2E61-DEF0-5CBA-CDDF-BC94D4D2C88E%7D&path=&method=init
Brief Description: This program element is for the Heliophysics Environmental and Radiation Measurement Experiment Suite (HERMES) Interdisciplinary Science (IDS) Teams that propose investigations that address HERMES Objectives (Section 1.2) using data products from HERMES and from other sources. This program element solicits proposals for HERMES Interdisciplinary Science Teams (HIDS) that will conduct science investigations addressing the HERMES science objectives and additional science objectives enabled by HERMES observations at Gateway, using HERMES data products. Other data sources are allowed. These investigations should have as one of their goals the timely production of results of importance to HERMES.
Awards: Various
Notice of Intent: Please see below.
Contact: James Spann Heliophysics Division Science Mission Directorate NASA Headquarters Washington, DC 20546-0001 Telephone: 202-358-0574 Email: jim.spann@nasa.gov

Grant Program: ROSES 2020: Future Investigators in NASA Earth and Space Science and Technology
Agency: NASA NNH20ZDA001N-FINESST
Website: https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7B3E72ED7E-1FBD-F815-5A4E-2DA033EF7449%7D&path=&method=init
Brief Description: The Future Investigators in NASA Earth and Space Science and Technology (FINESST) is a program element in Research Opportunities in Space and Earth Sciences (ROSES)-2020. ROSES is an "omnibus" solicitation, having default guidelines and information in the ROSES Summary of Solicitation that apply to all of ROSES, including this program element. Through FINESST, the Science Mission Directorate (SMD) solicits proposals from accredited U.S. universities and other eligible organizations for graduate student-designed and performed research projects that contribute to SMD's science, technology, and exploration goals. The Future Investigator (FI) i.e., the student participant, shall have the primary initiative to define the proposed FINESST research project and must be the primary author, with input or supervision from the proposal's Principal Investigator (PI), as appropriate. In cases when the PI already has an ongoing research award from NASA, the research proposed under FINESST may address a similar topic, but the proposal should make clear how the proposed research goes beyond what NASA has already agreed to support.
Awards: No dedicated budget; selected proposals will be funded by the relevant SMD Division or program.
Notice of Intent: Please see below.
Proposal Deadline:
ASTRO20 Proposals Due Feb 04, 2021
EARTH20 Proposals Due Feb 04, 2021
HELIO20 Proposals Due Feb 04, 2021
PLANET20 Proposals Due Feb 04, 2021
Contact: FINESST Program Scientists by Division: Earth Science: allison.k.leidner@nasa.gov
Planetary Science: lindsay.hays@nasa.gov
Astrophysics: hannah.jang-condell@nasa.gov
Heliophysics: madhulika.guhathakurta@nasa.gov

Back to Contents

National Endowment of Humanities

Grant Program: Collaborative Research
Agency: National Endowment for the Humanities 20201202-RZ
Website: https://www.neh.gov/grants/research/collaborative-research-grants
Brief Description: Debate, exchange of ideas, and working together—all are basic activities that advance humanities knowledge and foster rich scholarship that would not be possible by researchers working on their own. The Collaborative Research program aims to advance humanistic knowledge through sustained
collaboration between two or more scholars. Collaborators may be drawn from a single institution or several institutions across the United States; up to half of the collaborators may be based outside of the U.S. The program encourages projects that propose diverse approaches to topics, incorporate multiple points of view, and explore new avenues of inquiry in the humanities.

The program allows projects that propose research in a single field of study, as well as interdisciplinary work. Projects that include partnerships with researchers from the natural and social sciences are encouraged but must employ a humanistic research agenda. Partnerships among different types of institutions are welcome as well as new collaborations with international partners.

Proposed projects must aim to result in tangible and sustainable outcomes, for example, co-authored or multi-authored books; born-digital publications; themed issues of peer-reviewed journals; a series of peer-reviewed articles; and open-access scholarly digital resources. All project outcomes must incorporate interpretive work and collaboration to address significant humanities research questions.

**Award:** Maximum award amount: Up to $250,000 (depending on funding category).

**Proposal Deadline:** Optional Draft due October 15, 2020; Application due December 2, 2020

**Contact:** Contact the Division of Research Programs Team; 202-606-8200; collaborative@neh.gov

---

### Grant Program: Digital Humanities Advancement Grants

**Agency:** National Endowment for the Humanities 20210115-HAA

**Website:** [https://www.neh.gov/grants/odh/digital-humanities-advancement-grants](https://www.neh.gov/grants/odh/digital-humanities-advancement-grants)

**Brief Description:** Digital Humanities Advancement Grants (DHAG) support innovative, experimental, and/or computationally challenging projects at different stages throughout their lifecycles, from early start-up phases through implementation and sustainability. Experimentation, reuse, and extensibility are hallmarks of this program, leading to innovative work that can scale to enhance scholarly research, teaching, and public programming in the humanities. This program is offered twice per year. Proposals are welcome for digital initiatives in any area of the humanities.

In support of its efforts to advance digital infrastructures and initiatives in libraries and archives, and subject to the availability of funds and IMLS discretion, the [Institute of Museum and Library Services (IMLS)](https://www.imls.gov) anticipates providing funding through this program. These funds may support some DHAG projects that further the IMLS mission to advance, support, and empower America’s museums, libraries, and related organizations. IMLS funding will encourage innovative collaborations between library and archives professionals, humanities professionals, and relevant public communities that advance preservation of, access to, and public engagement with digital collections and services to empower community learning, foster civic cohesion, and strengthen knowledge networks.

**Award:** Maximum award amount: Level I: $50,000; Level II: $100,000; Level III: $325,000 in outright funds, with an additional $50,000 in matching funds

**Proposal Deadline:** Optional Draft due: December 1, 2020; Application due: January 15, 2021

**Contact:** Contact the Office of Digital Humanities Team odh@neh.gov

---

Private Foundations

**Robert Wood Johnson Foundation (RWJF)**

**Grant Program:** Health Data for Action: (Data Access Award)

**Agency:** Robert Wood Johnson Foundation

**Brief Description:** HD4A aims to reduce the barriers often faced in accessing rich data by serving as a conduit between data owners and interested researchers. Through this HD4A call for proposals (CFP), RWJF will make valuable data from unique data owners available to researchers. The purpose of the 2020 HD4A CFP is primarily to award data access at no cost from one of eight anticipated data providers to successful applicants. Most selected projects will not receive a financial award for personnel or other project-related costs. However, limited funding up to $100,000 per project is available for a small number of projects from principal investigators who have not previously received external research funding. The HD4A program will support innovative research that uses the available data to answer important research questions. Applicants under this CFP will write a proposal for a research study using data from one of the following anticipated data providers including: athenahealth; CareJourney VRDC T-MSIS Research Collaborative; the Center for Improving Value in Health Care (CIVHC); Geisinger; the Health Care Cost Institute (HCCI); HealthShare Exchange (HSX); OCHIN ADVANCE Collaborative; and TransUnion.

Eligible research projects can focus on a variety of topics, including health care utilization and spending; benefit design; quality of care; prescribing patterns and medication adherence; chronic disease; maternal and child care; complex conditions; employer-sponsored insurance; public and private insurance; consolidation; integration, and market competition; social determinants of health and disparities; COVID-19 patient characteristics and outcomes; financial distress; mental health; housing instability; opioid use and treatment; and geographic variation in health.

**Awards:** Up to $600,000 will be available, to support up to six awards.

**Proposal Deadline:**
- December 17, 2020 (3 p.m. ET): Deadline for receipt of brief proposals.*
- March 4, 2021: Applicants notified whether invited to submit full proposals.
- April 15, 2021 (3 p.m. ET): Deadline for receipt of full proposals.*

**Contact:** If you have any questions, please contact Richard Rosenberg at rmr@njit.edu

---

**Grant Program: Pioneering Ideas: Exploring the Future to Build a Culture of Health**

**Agency:** Robert Wood Johnson Foundation


**Brief Description:** Pioneering Ideas: Exploring the Future to Build a Culture of Health seeks proposals that are primed to influence health equity in the future. We are interested in ideas that address any of these four areas of focus: Future of Evidence; Future of Social Interaction; Future of Food; Future of Work. Additionally, we welcome ideas that might fall outside of these four focus areas, but which offer unique approaches to advancing health equity and our progress toward a Culture of Health. We want to hear from scientists, anthropologists, artists, urban planners, community leaders—anyone, anywhere who has a new or unconventional idea that could alter the trajectory of health, and improve health equity and well-being for generations to come. The changes we seek require diverse perspectives and cannot be accomplished by any one person, organization or sector.

**Awards:** The average Pioneer grant in 2019 was $315,031.

**Proposal Deadline:** Proposals will be accepted throughout the year on a rolling admission.

**Contact:** If you have any questions, please contact Richard Rosenberg at rmr@njit.edu

[Back to Contents](#)
**Streamlyne Question of the Week**

**Question:** Can I generate budgets for multiple years from the Year-1 budget in Streamlyne?

**Answer:** Yes! You only need to input the Year-1 budget and then click on the “generate all periods” button. Streamlyne will create budget sheets for the remaining periods. You can then go to “summary” under the budget tab to review budget sheets for all periods. You can also change specific budget items that you allocated in Year-1 but you do not want to continue them in the following periods.

More FAQs on Streamlyne: Please visit [http://www.njit.edu/research/streamlyne/](http://www.njit.edu/research/streamlyne/)

---

**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](https://research.njit.edu/njit-research-continuity-plan)).

The NJIT Proposal Submission Guidelines and Policy posted on the website [https://research.njit.edu/proposal-submission-guidelines](https://research.njit.edu/proposal-submission-guidelines) provides the expected institutional timeline for proposal submission. Streamlyne User Manuals are posted on [https://research.njit.edu/streamlyne](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](https://research.njit.edu/researchers) and [https://research.njit.edu/contact](https://research.njit.edu/contact).

---

Back to Contents