



COVID-19 Resources: Guidance for Chan Researchers

Featured news and announcements

COVID FAQs and new funding opportunities for the period 10/15/20 – 10/21/20

As COVID-19 spreads across the globe, new research funding opportunities are cropping up, along with questions regarding how COVID-19-related disruptions to research might affect current federal funding. Answers to many of those questions and information on a variety of new funding opportunities is provided by clicking on the related link below:

1. [Covid-19 research funding opportunities](#)
2. [COVID-19 related research news and policy updates](#)
3. [Guidance for federally-funded clinical trials and human subjects studies affected by COVID-19](#)
4. [Free access and free services for researchers related to COVID-19](#)
5. [COVID-19 news by Chan faculty](#)

1. [COVID-19 research funding opportunities](#)

Internal COVID-19 Funding Announcements

Non-federal COVID-19 Funding Announcements

NOTE: When applying for external awards, PIs and grant managers should closely review the terms and conditions for potential conflicts. Any questions should be referred to Harvard Chan School SPA. In addition, ALL sponsored proposals must be reviewed by SPA 7 days before the sponsor due date, so please allow appropriate lead time to work with your grant manager prior to the SPA deadline. Additional information on SPA proposal development policies can be found [here](#).

[WHO: Call for proposals: The Ethics of Public Health Emergency Preparedness and Response](#)

Deadline: October 26, 2020

The WHO Health Ethics and Governance Unit invites proposals which address the ethics of COVID-19 public health preparedness and response. (Please note that we will also accept proposals that look beyond COVID-19 to focus on preparedness and response and research in public health emergencies more generally.)

[CA3.AI: COVID-19 Grand Challenge](#)

Deadline: Teams must register before Oct. 25, 2020; due before Nov. 18, 2020

C3.ai invites developers, data scientists, students, and creative minds around the world to build world-class data science techniques and strategies on top of solid, wide-reaching data that drive smart and safe decision making. C3.ai is looking for meaningful data-driven insights to inform decision makers and change how the world is fighting this pandemic. Participants will use the C3.ai COVID-19 Data Lake as one

of the key sources of data to produce new and innovative data science projects that help combat the COVID-19 pandemic. It's time to act. Join the fight against COVID-19 and build for a better tomorrow.

[The Boehringer Ingelheim: IIS Program](#)

Deadline: continuous

This program is offered to all qualified academic and community-based scientists or consortia who are interested in independently proposing and conducting their own research to evaluate potential clinical and non-clinical investigations involving COVID-19 related matters including safety, clinical outcomes, antiviral effects, or antithrombotic benefits.

[The American Lung Association: COVID-19 and Emerging Respiratory Viruses Research Award](#)

Deadline: May 30, 2021

This award invites applications for its COVID-19 and emerging respiratory viruses research award. This supports research focusing on emerging respiratory pathogens like SARS-CoV-2. Projects must directly be related to COVID-19 or other viral respiratory threats that may arise in the future.

[Innovation for Poverty Action: Peace & Recovery Program: COVID-19 response](#)

Deadline: Rolling

For time-sensitive research or additions to research projects that study or support the COVID-19 response. This funding window could support projects that:

- Generate new data to directly inform the COVID-19 response of committed partners
- Evaluate interventions that are expected to improve COVID-19 response or recovery
- Add a module to an existing survey in order to track COVID-19 exposure or response
- Add a treatment arm that may support communities' resiliency in response to COVID-19
- Anonymize, curate, and share already-collected data quickly so that it can be used for decision-making by the humanitarian community
- Conduct a "downstream survey" that follows up on a sample that participated in an already-completed randomized trial in order to identify whether the intervention studied has an impact on the communities' response to COVID-19

Successful applicants will have a research team or staff that has the necessary experience to study the emergency response. As a result, interdisciplinary teams are encouraged.

[Mercatus Center: COVID-19 Response: A Call for Ideas](#)

Deadline: Rolling

The Mercatus Center, building on its COVID-19 policy brief series, welcomes proposals for policy briefs, working papers, and articles that address the next round of challenges facing the United States and other countries in the response to the pandemic, specifically, in the topics of restarting and reopening, institutional challenges, health and science policy, economic and regulatory policy, and monetary policy.

[Biogen Foundation: COVID-19 Relief Effort](#)

Deadline: Unspecified (accepting applications)

The Biogen Foundation has committed \$10M to aid in COVID-19 relief efforts around the world. At this time, the Biogen Foundation's COVID-19 relief efforts are focused on the following categories: Expanding and ensuring access to testing; Easing the burden on healthcare systems and healthcare workers; Providing food and necessities for our most vulnerable populations.

[Draper Richards Kaplan: Coronavirus Urgent Response Initiative](#)

Deadline: Not specified

This initiative supports ideas that are tackling the most acute and time-critical social problems caused by the Covid-19 pandemic right now. DRK wants to help jumpstart projects that can realistically deploy within 30 days.

[American Heart Association: Rapid Response Grant and its Cardiovascular Impact](#)

Deadline: April 06, 2021

This grant invites cardiovascular-focused applications that will contribute to understanding the cardiovascular and cerebrovascular pathogenesis, diagnosis, prevention, clinical manifestations, clinical management (including critical care management) and social behaviors which can lead to dissemination, containment, and complications of COVID-19. Because of the urgency of this issue, innovative, highly impactful short-term proposals (9-12 months), which can show progress within the period of this award, are sought.

[Robert Wood Johnson: Pioneering Ideas: Exploring the Future to Build a Culture of Health](#)

Deadline: Continuous

This award seeks 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. While this call for proposals is focused on broader and longer-term societal trends and shifts that were evolving prior to the COVID-19 outbreak, we recognize the unique circumstances and learning created by the COVID-19 pandemic may inform your response. It is at your discretion whether you propose a project related to the pandemic directly or indirectly.

[Amgen Foundation: COVID-19 Relief Support](#)

Deadline: none

The Amgen Foundation is dedicated to combating this pandemic by working across several fronts to apply their unique strengths in genetics, immunology, and antibody engineering to prevent and treat COVID-19. The Foundation's COVID-19 Relief Support program is dedicated to supporting patients and communities in the fight against COVID-19. Support is provided in the U.S., including Puerto Rico.

[Merck KGaA: Research Grant for Pandemic Preparedness](#)

Deadline: Rolling

This grant seeks proposals that leverage technological solutions to be more prepared for pandemic outbreaks or solutions that could help to fight emerging viral infections.

[Patient-Centered Outcomes Research Institute: Enhancements to existing Research Projects and Engagement Awards](#)

Deadline: Rolling

PCORI is requesting enhancements to existing Research Projects and Engagement Awards that can be initiated quickly to influence the outcome of the current pandemic and that have some relationship to the original award, using existing teams that are currently funded: [COVID-19-Related Enhancements to Existing PCORI-Funded Research Projects](#); [COVID-19-Related Enhancements to Existing PCORI-Funded Engagement Awards who has funding](#)

[Fast Grants: Fast Funding for COVID-19 Science](#)

Deadline: Not announced

These grants are for scientists at an academic institution currently working on a COVID-19 related project and in need of funding. Fast Grants are \$10k to \$500k and decisions are made in under 48 hours.

[Mozilla: COVID-19 Solutions Fund](#)

Deadline: Rolling

The fund will accept applications that are hardware (e.g., an open source ventilator), software (e.g., a platform that connects hospitals with people who have 3D printers who can print parts for that open source ventilator), as well as software that solves for secondary effects of COVID-19 (e.g., a browser plugin that combats COVID related

[California Institute for Regenerative Medicine \(CIRM\)](#)

Deadline: Open on a bi-monthly basis.

The CIRM has allocated \$5 million in funding for peer-reviewed regenerative medicine and stem cell research that could quickly advance treatments for COVID-19. Support is provided for promising discovery, preclinical, and clinical trial stage projects.

[Nellie Mae Education Foundation: Racism is a Virus Too](#)

Deadline: Rolling basis until resources are exhausted

The Nellie Mae Education Foundation created a rapid response fund to respond to the hate crimes and bias against Asian American communities in New England resulting from COVID-19.

[Omidyar Network India: Rapid Response Funding for COVID-19](#)

Deadline: Not announced

The Omidyar Network India has announced a rapid response window to fund proposals that support the lower 60% of India's income distribution in managing and mitigating the challenges that come with Covid-19. Support is provided for initiatives that strengthen containment, detection and treatment, support crisis management capabilities, and enhance resilience and recovery in the wake of Covid-19.

[Open Road Alliance](#)

Deadline: Not announced

The Open Road Alliance is offering charitable grants to organizations responding directly to COVID-19, with priority given to organizations and activities that have a clear and direct role in 'flattening the curve' and thus limiting, shortening, or minimizing the economic and social, as well as health effects of the pandemic. Loans are also available to organizations affected by COVID-19, including those with lost event revenue, those delivering vital community services, and social enterprises.

[Bill & Melinda Gates Foundation, Wellcome and Mastercard: COVID-19 Therapeutics Accelerator](#)

Deadline: varies

This initiative speeds development and access to therapies for COVID-19 by coordinate R&D efforts and removing barriers to drug development and scale-up to address the epidemic. Gokhan

2. Federal COVID-19 Funding Announcements

National Institutes of Health:

[NIH: NOSI: Emerging Viral Infections and their Impact on the Male and Female Reproductive Tract](#)

Deadline: July 16, 2023

Invites applications proposing cutting-edge research on emerging viral infections that are thought to primarily impact non-reproductive sites, at least at initial presentation, but may also affect the male and/or female reproductive tract. Investigate possible effects of emerging viruses on reproductive tissues and cells to better understand potential impacts on fertility that may be sex specific. Apply via [PA-20-185](#) or [PA-18-482](#).

[NIH: Research on the Health of Women of Understudied, Underrepresented and Underreported \(U3\) Populations \(Admin Supp Clinical Trial Optional\)](#)

Deadline: Rolling through January 21, 2021

ORWH is encouraging application submissions and is seeking to support studies on the SARS-CoV-2 virus or COVID-19 disease in alignment with efforts across NIH to develop and implement effective therapeutics and vaccines and to accelerate research on technologies to validate and improve programs that will overcome barriers and increase uptake of effective therapeutics and vaccines at the point of care. Within the focus of this funding opportunity announcement, research topics of interest could include investigating the risk factors associated with COVID-19 disease prevalence among NIH-designated health disparity populations, women living in underserved rural or urban settings, pregnant and lactating women, women frontline healthcare workers, women with low socioeconomic status, and women experiencing homelessness or having justice system involvement.

[NIH: Emergency Awards: Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) and Coronavirus Disease 2019 \(COVID-19\) \(R01 Clinical Trial Not Allowed\) \(PAR-20-178\)](#)

Deadline: Rolling, 9/14/2020 through 09/14/2021

This opportunity provides an expedited funding mechanism for research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19). NIAID is issuing this FOA in response to the declared public health emergency issued by the Secretary, HHS, for 2019 Novel Coronavirus (COVID-19).

[NIH: Emergency Awards: RADx-RAD Multimodal COVID-19 surveillance methods for high risk clustered populations \(R01 Clinical Trial Optional\)](#)

Deadline: 10-01-2020

[NIH: Urgent Phase I/II Clinical Trials to Repurpose Existing Therapeutic Agents to Treat COVID-19 Sequelae \(U01 Clinical Trial Required\)](#)

Deadline: January 24, 2021

[NIH: Mechanistic Studies of the Interaction between SARS-CoV-2/COVID-19 and Diseases and Organ Systems of Interest to NIDDK \(R01 Clinical Trial Optional\)](#)

Deadline: December 17, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to support basic and clinical mechanistic research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19) susceptibility, routes of infection, course of disease, morbidity and mortality in people with pre-existing diseases, or adverse acute or chronic outcomes in organs, tissues, and biological systems of specific interest to NIDDK. These include diabetes and other metabolic diseases, obesity, and endocrine, digestive, liver, pancreas, kidney, urological, and hematologic tissues and diseases.

[NIH: Digital Healthcare Interventions to Address the Secondary Health Effects Related to Social, Behavioral, and Economic Impact of COVID-19 \(R01 - Clinical Trial Optional\)](#)

Deadline: 8/20/20; 12/2/20; 3/2/21

Focuses on the role and impact of digital health interventions [e.g., mobile health (mhealth), telemedicine and telehealth, health information technology (IT), and wearable devices] to address access, reach, delivery, effectiveness, scalability and sustainability of health assessments and interventions for secondary effects (e.g., behavioral health or self-management of chronic conditions) that are utilized during and following the pandemic, particularly in populations who experience health disparities and vulnerable populations.

[NIH: Multi-site COVID-19 Related Clinical Trial Implementation Grant on Aging-Related Topics in at-risk Older Adult Populations \(R01 Clinical Trial Required\) \(PAR-20-234\)](#)

Deadlines: July 1, 2020; 3, 2020; September 1, 2020; October 1, 2020; November 2, 2020; December 1, 2020; January 4, 2021; and February 1, 2021.

This Funding Opportunity Announcement (FOA) invites applications for implementation of investigator-initiated multi-site clinical trials (all phases or [stages](#)) of interventions focused on specific aging-related issues to reducing transmission, risk, morbidity, mortality, severity, or complications of Coronavirus Disease 2019 (COVID-19).

[NIH: Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery \(R01\)](#)

Deadline: March 17, 2021

This funding opportunity announcement (FOA) solicits research projects that seek to model the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in health, illness, recovery, and overall wellbeing. Both animal and human subjects research projects are welcome. Researchers proposing basic science experimental studies involving human participants should consider this FOA's companion for basic experimental studies with humans.

[NIH: Rapid Acceleration of Diagnostics \(RADx\) Initiative for COVID-19](#)

Deadline: rolling

NIBIB is providing substantial support to accelerate the development, validation, and commercialization of innovative point-of-care and home-based tests, as well as improvements to clinical laboratory tests, that can directly detect SARS-CoV-2, the virus that causes COVID-19. NIBIB will support the full range of product development including commercialization and product distribution. Project proposals accepted through online [RADx portal](#).

NIH Notices of Special Interest:

[NIH: NOSI: Research on Rehabilitation Needs Associated with the COVID-19 Pandemic](#)

Deadline: February 05, 2021

The purpose of this Notice of Special Interest is to encourage applications in three areas related to the intersection of COVID-19, the associated mitigation actions, and rehabilitation:

1. Encourage research to address the rehabilitation needs of survivors of COVID-19
2. Understand the impact of disruptions to rehabilitation services caused by the COVID-19 pandemic and associated mitigation actions
3. Understand the social, behavioral, economic, and health impact of the COVID-19 pandemic and the associated mitigation actions on people with physical disabilities

[NIH: NOSI: The Influence of Host Resilience on Heterogeneity of Acute Respiratory Distress Syndrome/Acute Lung Injury \(ARDS/ALI\)](#)

Deadline: July 6, 2024

The purpose of this Notice of Special Interest (NOSI) is to inform potential applicants of the special interest of NHLBI in research to understand host resilience as a critical determinant of outcomes in acute respiratory distress syndrome (ARDS) /acute lung injury (ALI).

[NIH: NOSI: New Administrative Supplement Applications to UL1 and U24 CTSA Awards to Address COVID-19 Public Health Need \(NOT-TR-20-029\)](#)

Deadline: November 11, 2020

The National Center for Advancing Translational Sciences (NCATS) is issuing this Notice of Special Interest (NOSI) to highlight the need for projects that address the coronavirus disease 2019 (COVID-19) Public Health Emergency. The Clinical and Translational Science Award (CTSA) Program is uniquely qualified to contribute to these efforts. NCATS is soliciting applications for Administrative Supplements (through [PA-18-591](#)) from current Clinical and Translational Science Award (CTSA) UL1 and U24 award recipients

[NIH: Notice of Special Interest: Competitive and Administrative Supplements for Community Interventions to Address the Consequences of the COVID-19 Pandemic for Health Disparity and Vulnerable Populations \(R01- Clinical Trial Optional\) \(NOT-MD-20-023\)](#)

Deadline: Rolling through December 15, 2020

This Notice encourages investigators to acquire and leverage partnerships with key stakeholders to test community interventions to ameliorate the impact of psychosocial, sociocultural, behavioral, and socioeconomic consequences of COVID-19 on the health of populations known to experience health disparities and other vulnerable populations. Projects may evaluate existing or ongoing community-based programs or policies (i.e., natural experiments) or prospectively test new or adapted interventions. Projects that do not solely target individuals but also address the upstream determinants that influence individual functioning and health outcomes will be strongly encouraged.

[NIH: Notice Announcing the Availability of Common Data Elements for Research Related to the Public Health Emergency caused by Coronavirus Disease 2019 \(COVID-19\) \(NOT-MH-20-061\)](#)

Deadline: TBA

NIMH has already made a significant investment in a [data repository](#) to hold human subjects data related to mental illness and related fields. This repository allows data from multiple sources to be aggregated and easily accessed by the research community. However, the data repository is most useful when research laboratories collect data using the same set of data elements. With this Notice, NIMH offers guidance on the use of consensus-derived common data elements (CDEs) pertaining to mental health outcomes that were previously discussed in [NOT-MH-15-009](#) and a set of newly available measures regarding experiences during the COVID-19 public health emergency and exposures to the SARS-CoV-2 virus (the virus that causes COVID-19). The goal of this Notice is to reduce proliferation of one-off survey items and to facilitate data integration, collaboration, and comparisons across data sets.

[NIH: Notice of Special Interest \(NOSI\): Availability of Administrative Supplements & Urgent Competitive Revisions to NCCIH Grants for Natural Product Research on Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) & Coronavirus Disease 2019 \(COVID-19\) \(NOT-AT-20-012\)](#)

Deadline: Rolling

To rapidly establish scientific evidence and/or elucidate the mechanism of action of natural product-based remedies for SARS-CoV-2 and COVID-19, NCCIH is encouraging the submission of applications for administrative supplements or competitive revisions of active NCCIH grants.

[NIH: Notice of Change to Eligible Activity Codes for NOT-NS-20-051 "Notice of Special Interest: Availability of Urgent Competitive Revisions and Administrative Supplements For Research on Biological Effects of the 2019 Novel Coronavirus on the Nervous System" \(NOT-NS-20-074\)](#)

Deadline: April 15, 2021

The purpose of this notice is to inform interested applicants of a change to the eligible activity codes for [NOT-NS-20-051 "Notice of Special Interest \(NOSI\): Availability of Urgent Competitive Revisions and Administrative Supplements For Research on Biological Effects of the 2019 Novel Coronavirus on the Nervous System"](#). Effective immediately, the RF1 activity code will be added as an eligible activity code to [NOT-NS-20-051](#), for applications submitted to both, [PA-18-591 "Administrative Supplements to Existing NIH Grants and Cooperative Agreements \(Parent Admin Supp Clinical Trial Optional\) "](#) and [PA-18-935 "Urgent Competitive Revision to Existing NIH Grants and Cooperative Agreements \(Urgent Supplement - Clinical Trial Optional\)"](#).

[NIH: Notice of Special Interest \(NOSI\): Availability of Urgent Competitive Revisions and Administrative Supplements for Research on Biological Effects of the 2019 Novel Coronavirus on the Nervous System \(NOT-NS-20-051\)](#)

Deadline: May 1, 2020-April 15, 2021

NINDS is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on Coronavirus Disease 2019 (COVID-19) and on biological effects on the nervous system of its causative agent, the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Research of interest must fall within NINDS's scientific mission, which is to support basic, translational, and clinical neuroscience research to expand fundamental knowledge about the brain and nervous system and to use that knowledge to reduce the burden of neurological disease.

[Notice of Information: Contributing to the Global COVID-19 Crisis Response by Allowing Some NCI-supported Projects to be Redirected to COVID-19-related Research During the Crisis \(NOT-CA-20-054\)](#)

Deadline: Not announced

The COVID-19 pandemic is a global health crisis that has engaged the attention of researchers who want to be able to contribute their expertise and resources toward a better understanding of the impacts of SARS-CoV-2 infection and COVID-19 disease on cancer patients' disease progression, response to therapy, care delivery, or survivorship.

[NOSI: Availability of Urgent Competitive Revisions and Administrative Supplements for Research on Biological Effects of the 2019 Novel Coronavirus on the Nervous System](#)

Deadline: April 14, 2021

This NOSI highlights the urgent need for research on Coronavirus Disease 2019 (COVID-19) and on biological effects on the nervous system of its causative agent, the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Research of interest must fall within NINDS's scientific mission, which is to support basic, translational, and clinical neuroscience research to expand fundamental knowledge about the brain and nervous system and to use that knowledge to reduce the burden of neurological disease.

[Notice of Special Interest \(NOSI\): Availability of Emergency Competitive Revisions and Administrative Supplements to Clinical and Translational Science Award \(CTSA\) Program Awards to Address 2019 Novel Coronavirus Disease \(COVID-19\) Public Health Needs \(NOT-TR-20-028\)](#)

Deadline: May 04, 2020 through November 11, 2020

NCATS is soliciting applications for Administrative Supplements (through [PA-18-591](#)) and Emergency Competitive Revisions (through [PA-20-135](#)) from current Clinical and Translational Science Award (CTSA) UL1 and U24 award recipients.

[Notice of Special Interest \(NOSI\): NIA Availability of Administrative Supplements and Revision Supplements on Coronavirus Disease 2019 \(COVID-19\)](#)

Deadline: May 1, 2021

NIA is encouraging the submission of applications for either Administrative Supplements ([PA-18-591](#)) or Competitive Revisions ([PA-18-935](#)) to active grants to address the following research areas of interest: [Division of Aging Biology \(DAB\)](#) Research Interests; [Division of Neuroscience \(DN\)](#) Research Interests; [Division of Geriatrics and Clinical Gerontology \(DGCG\)](#) Research Interests; [Division of Behavioral and Social Research \(DBSR\)](#) Research Interests.

[Notice of Special Interest: Availability of Administrative Supplements and Competitive Revision Supplements on Coronavirus Disease 2019 \(COVID-19\) within the Mission of NIAAA](#)

Deadline: through April 16, 2021

This NOSI encourages applications to assess the impact of alcohol as a biological contributor to COVID-19 outcomes, to assess behavioral, social, and economic consequences of the pandemic and to assess the responses that the pandemic has provoked as they relate to alcohol consumption and related outcomes.

[Notice of Special Interest \(NOSI\) regarding the Availability of Emergency Competitive Revisions to Existing NIH Grants and Cooperative Agreements for Tissue Chips Research on the 2019 Novel Coronavirus \(NOT-TR-20-017\)](#)

Deadline: Rolling - May 15, 2020- January 26, 2022

For research in the use of microphysiological systems or tissue chips in collecting and examining data on the risks and outcomes for COVID-19 infection, and advance the translation of research findings into diagnostics, therapeutics, and vaccines.

[Notice of Special Interest \(NOSI\) regarding the Availability of Administrative Supplements for Tissue Chips Research on the 2019 Novel Coronavirus \(NOT-TR-20-016\)](#)

Deadline: Rolling - May 15, 2020 through January 25, 2022

For research in the use of microphysiological systems or tissue chips in collecting and examining data on the risks and outcomes for COVID-19 infection, and advance the translation of research findings into diagnostics, therapeutics, and vaccines.

[Notice of Special Interest \(NOSI\) regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Mental Health Research on the 2019 Novel Coronavirus \(NOT-MH-20-047\)](#)

Deadline: Rolling - March 27, 2020-April 16, 2021

For research to provide an evidence base for how a disrupted workforce may adequately respond/adapt to and maintain services or provide additional care for new or increasing mental health needs, as well as to learn about the effects of the virus and public health measures to prevent spread of COVID-19 that may have an impact on mental health. Research addressing the intersection of COVID-19, mental health, and HIV treatment and prevention are also of interest to NIMH.

[Notice of Special Interest \(NOSI\): NIEHS Support for Understanding the Impact of Environmental Exposures on Coronavirus Disease 2019 \(COVID-19\) \(NOT-ES-20-015\)](#)

Deadline: Rolling - May 01, 2020-May 04, 2021

For research to understand the impact of environmental exposures on (COVID-19) and its causative agent, the severe acute respiratory syndrome coronavirus. NIEHS is particularly interested in applications that will provide insight into the role of environmental exposures in pathogenicity, transmission, individual susceptibility, or prevention and intervention strategies.

[Notice of Special Interest \(NOSI\) regarding the Availability of Urgent Competitive Revisions for Research on Coronavirus Disease 2019 \(COVID-19\) and the Causative Virus SARS-CoV-2 \(NOT-GM-20-025\)](#)

Deadline: February 6, 2021

There is an urgent public health need to better understand SARS-CoV-2, particularly to improve the predictive quality of existing models of spread, diagnostics for measurement of transmission, susceptibility and recovery, and development of therapeutic interventions. NIGMS will accept the submission of applications for Competitive Revisions to active grants to address only the following research areas of interest:

- Incorporation of data related to SARS-CoV-2 into ongoing research efforts to develop predictive models for the spread of SARS-CoV-2 and other related infectious agents (all relevant grants).
- Repurposing or modification of diagnostic tools currently under development to enable rapid detection of SARS-CoV-2 infection (SBIR/STTR grants only).
- Rapid development of potential therapeutic agents for COVID-19 (SBIR/STTR only)

[Notice of Special Interest \(NOSI\) regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus \(NOT-DA-20-047\)](#)

Deadline: March 31, 2021

NIDA is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the 2019 Novel Coronavirus (2019-nCoV, also known as COVID-19). NIDA is especially interested in research collecting and examining data on the risks and outcomes for COVID-19 infection in individuals suffering from substance use disorders. Applications in response to this NOSI must be submitted using the following targeted funding opportunity: [PA-18-935](#) Urgent Competitive Revision to Existing NIH Grants and Cooperative Agreements (Urgent Supplement - Clinical Trial Optional); and [PA-18-591](#) Administrative Supplements to Existing NIH Grants and Cooperative Agreements (Parent Admin Supp Clinical Trial Optional).

[Notice of Special Interest regarding the Availability of Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus](#)

Deadline: Applications accepted on a rolling basis from February 6, 2020 through February 6, 2021

NIAID and NIGMS highlight the urgent need for research on the 2019 novel Coronavirus: NIAID is particularly interested in projects focusing on viral natural history, pathogenicity, transmission, as well as projects developing medical countermeasures and suitable animal models for pre-clinical testing of vaccines and therapeutics against 2019-nCoV; and NIGMS is specifically interested in incorporation of data from the 2019-nCoV into ongoing research efforts to develop predictive models for the spread of Coronaviruses and related pathogens.

[NIH: Notice of Special Interest regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus](#)

Deadline: Applications will be accepted on a rolling basis through March 31, 2021

NIDA is issuing this notice to highlight the urgent need for research on the 2019 Novel Coronavirus. NIDA is especially interested in research collecting and examining data on the risks and outcomes for COVID-19 infection in individuals suffering from substance use disorders.

Other federal agencies:

[*NEW: The Department of Commerce's \(DOC\): Economic Development Administration-Scaling Pandemic Resilience through Innovation and Technology \(SPRINT\) Challenge](#)

Deadline: December 03, 2020

This is a new funding opportunity as a part of the DOC's efforts to "address the economic, health, and safety risks caused by the coronavirus pandemic." The competition specifically aims to address regional innovation and entrepreneurship-related challenges and opportunities associated with the pandemic, including providing support for the commercialization of research and new technologies to address COVID-19 and creative efforts to promote innovation activities under current conditions. Applicants for the challenge are expected to address "the needs and unique operating environment necessitated by the coronavirus." Applications must also address the EDA's Recovery and Resilience investment priority by including economic resilience and long-term recovery from natural disasters in project proposals in the context of their regional development needs. Core areas of interest include, but are not limited to, the following: 1) Biotechnology, Health Security, and Supply Chain Innovation, 2) Regional, National, and Government Connectivity, 3) Access to Capital, and 4) Innovation & Entrepreneurship.

[CDC: Monitoring Cause-specific School Absenteeism for Estimating Community-wide Influenza and SARS-CoV-2 Transmission](#)

Deadline: LOIs (optional) due 11/6/20; proposals due 12/18/20

This opportunity supports a research project that aims to develop and implement an influenza-like illness (ILI)-specific student absentee monitoring system in kindergarten through twelfth grade (K-12) schools and assess its usability for early detection of influenza, SARS-CoV-2, and other respiratory pathogen transmission in schools and surrounding communities.

[DHHS Administration for Community Living/: Aging and Disability Resource Center/No Wrong Door System Funding Opportunity: Critical Relief Funds for COVID-19 Pandemic Response](#)

Deadline: None specified

The purpose of this emergency FOA is to support capacity and resource allocation at the state, local and territorial level to ensure coordination across agencies and support immediate response to urgent needs resulting from COVID-19. Funding will enable states and territories to support ADRCs in providing critical access functions to those populations most at risk of COVID-19 and mitigate adverse effects resulting from this national pandemic such as social isolation, limited access to nutritional supports and personal care services, etc. Additionally, funds would enable ADRCs to enhance and increase virtual access to services such as utilizing telehealth technologies to engage with health care practitioners and case managers.

[DOS: U.S. Mission to India - COVID-19 Small Grants Program](#)

Deadline: September 30, 2020

This funding opportunity seeks to support effective coalitions that will bolster and leverage U.S.-India collaboration across a range of fields to fight COVID-19, in India and globally. Potential grantees should be able to implement a small-grants program to promote innovation in addressing COVID-19, encourage partnerships between U.S. and Indian institutions and organizations in combating COVID-19, and facilitate joint action that makes a difference against the disease. The grant will provide resources for a grantee to manage and administer small grants to stakeholders from government organizations, non-profits, think tanks, academic institutions, incubators and accelerators, in close coordination with the U.S. Mission to India. The grantee will be required to solicit proposals that contribute to and/or build upon initiatives that counter the impact of COVID-19 on Indian society, U.S.-India cooperation, and wider communities across the Indo-Pacific region.

[HHS: Emergency Awards: Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) and Coronavirus Disease 2019 \(COVID-19\) \(R21 Clinical Trial Not Allowed\) \(PAR-20-177\)](#)

Deadline: April 30, 2021

This opportunity provides an expedited funding mechanism for research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19). NIAID is issuing this FOA in response to the declared public health emergency issued by the Secretary, HHS, for 2019 Novel Coronavirus (COVID-19).

[NSF: Dear Colleague Letter 20-052 re Corona Virus Proposals](#)

Deadline: varies

NSF is accepting proposals to model, track, inform, educate, and prevent the spread of Coronavirus through its [existing funding opportunities](#). NSF invites researchers to use the [Rapid Response Research \(RAPID\) funding mechanism](#), which allows NSF to receive and review proposals having a severe urgency with regard to availability of or access to data, facilities or specialized equipment as well as quick-response research on natural or anthropogenic disasters and similar unanticipated events. Visit [NSF, Dear Colleague 20-053](#) for Coronavirus proposal FAQs and conditions and process for proposal deadline extension.

[NSF-Office of Advanced Cyberinfrastructure \(OAC\), Dear Colleague Letter 20-055](#)

Deadline: varies

OAC is inviting [Rapid Response Research \(RAPID\) funding mechanism](#) proposals and supplemental funding requests to [existing awards](#) that address COVID-19 challenges through data and/or software infrastructure development activities.

[HHS: Development of Medical Products for Novel Coronavirus: Biomedical Advanced Research and Development Authority \(BARDA\) Broad Agency Announcement \(BAA\)](#)

Deadline: October 31, 2020

This amendment solicits proposals for advanced development and licensure of COVID-19 diagnostics, vaccines, or medicines such as therapeutics or antivirals.

[HHS/CDC: Prototype Development to Combat Novel Coronavirus Disease COVID-19](#)

Deadline: April 30, 2020

The Government seeks to rapidly accelerate the inquiry, testing, and fielding of new 21st century capabilities, employing novel technologies and approaches to the detection of exposure, prevention, containment and treatment of COVID-19 and future emerging threats.

[DOE: Invitation for COVID-19 Scientific Questions \(DOE Resources\)](#)

Deadline: Ongoing

The Department encourages scientific questions that underpin COVID-19 response and that the research community may answer using DOE user facilities, computational resources, and enabling infrastructure. Please send research questions that the scientific community may address with DOE resources by email to SC.DCL@science.doe.gov.

[USAID/Bangladesh and the Private Sector: Partnering to Fight COVID-19 Agency for International Development](#)

Deadline: April 29, 2021

The goal of the USAID Bangladesh and the Private Sector: Partnering to Fight COVID-19 program is to provide a medium through which organizations can work with USAID and the private sector to build Global Development Alliances (GDAs) that will: a) respond to the current outbreak of COVID-19 in Bangladesh; b) address important business interests and objectives; and c) advance USAID's strategic priorities and objectives.

Previously Announced NIH Limited Submission Opportunities

3. COVID-19 related research news and policy updates

A few of the provisions in the third COVID-19 relief/response package that might be of particular interest to researchers is below. To read more, please download a [section-by-section summary](#) and the [legislative text](#).

- NIST - \$6 million to provide continuity of operations and to conduct research and measurement science to support the testing and treatment of coronavirus. Page 622 of the legislative text.
- NSF - \$75 million to support research at molecular, cellular, physiological and ecological levels to better understand coronavirus genetics, modes of action, transmission, virulence, and population dynamics. It is expected that many of these funds will be available through the Rapid Response Research funding mechanism. [Read Dear Colleague Letter here](#). Page 629.
- DOE Office of Science - \$99.5 million for costs related to equipment, personnel, and operations to support research on the coronavirus, including support to provide access to user facilities. Page 654.
- EPA S&T - \$1.5 million to support research efforts regarding coronavirus – and specifically, research on methods to reduce risks from environmental transmission via contaminated surfaces. Page 713.
- CDC - \$4.3 billion to support federal, state, and local public health agencies to prevent, prepare for and respond to the coronavirus. Included in that amount is \$500 million for global disease detection and emergency response, \$500 million for public health data surveillance and analytics infrastructure modernization, and \$300 million for the Infectious Diseases Rapid Response Reserve Fund, which supports immediate response activities during outbreaks. Page 728.
- NIH - The bill includes \$945 million to support research and expand on prior research plans, including developing an improved understanding of the prevalence of COVID-19, its transmission and the natural history of infection, and novel approaches to diagnosing the disease and past infection, and developing countermeasures for the prevention and treatment of its various stages. Of this total, \$103 million is allocated for NHLBI, \$706 million NIAID, \$60 million NIBIB, \$36 million NCATS, \$30 million OD, and \$10 million for National Library of Medicine. When combined with the first supplemental, Congress has provided \$1.78 billion for NIH research on COVID 19. Page 730.
- BARDA (Biomedical Advanced Research and Development Authority) - At least \$3.5 billion to advance construction, manufacturing, and purchase of vaccines and therapeutics to the American people.
- NASA - \$60 million to support NASA with resources for operational adjustments associated with mission delays caused by NASA center closures related to coronavirus. Page 628. Also, the package includes a number of health-related authorizations, including the HRSA health professionals and nursing workforce development programs.

4. Guidance for federally-funded clinical trials and human subjects studies affected by COVID-19

NIH

- [Chart](#) showing the various flexibilities provided for the current and next round of peer review.

- [Considerations for New and Ongoing Human Subjects Research During the COVID-19 Public Health Emergency under Human Subjects](#)
- [Coronavirus Update: Guidance for Peer Reviewers](#)
- [OHRP Guidance on COVID-19 under Human Subjects and Clinical Trials](#)
- [NHLBI Announces Availability of Frequently Asked Questions \(FAQs\) for NOT-HL-20-757, Notice of Special Interest \(NOSI\): Availability of Administrative Supplements and Revision Supplements on Coronavirus Disease 2019 \(COVID-19\) \(NOT-HL-20-759\)](#)
- [notice on Guidance for Cost-Related Flexibilities Available to Support of Competitive Research \(SCORE\) Award Recipients Affected by COVID-19](#)
- [Virtual NIH Activities for Trainees Outside the NIH](#)
- [Animal Welfare: COVID-19 Pandemic Contingency Planning for Animal Care and Use Programs](#)
- [Coronavirus Disease 2019 \(COVID-19\): Information for NIH Applicants and Recipients of NIH Funding](#). The page now includes a link to [page update history](#) so you can easily see what's new.
- [New guidance of flexibilities for awardee, students and conference funding during COVID-19 period](#)
- [FAQs including new section on Training, Fellowship and Career Development Awards](#)
- [An FAQ to address questions regarding proposal submission and award management](#)
- [A lenient late-application policy](#) for those who are unable to meet application deadlines due to the COVID-19 emergency
- [NIH grant recipients may extend the final budget period](#) of the approved project on active grants one time for up to 12 months without requesting prior approval from NIH

Other Federal Guidance

- [USAMRAA's Supplemental Guidance on Administrative Flexibilities for Grants and Cooperative Agreements in Response to COVID-19 Pandemic](#)
On March 19, 2020 OMB issued Memorandum M-20-17 Administrative Relief for Recipients and Applicants of Federal Financial Assistance Directly Impacted by the Novel Coronavirus (COVID-19) due to Loss of Operations.
- [Frequently Asked Questions \(FAQs\)](#) published by The Department of Defense (DoD)

5. Free access and free services for researchers related to COVID-19

- [NIH VideoCast](#) is a free National Library of Medicine webinar for researchers to learn how to share, discover, and cite COVID-19 data and code in generalist repositories.
- [NIH Resource to Analyze \(COVID-19\) Literature: The COVID Portfolio Tool](#)
[NIH Office of Portfolio Analysis](#) (OPA) has built a comprehensive listing of (COVID-19) publications, available to the public. The portfolio is updated daily and draws from [PubMed](#) resources for citations and abstracts of published biomedical literature.
- [The COVID-19 High Performance Computing \(HPC\) Consortium](#) is a unique private-public effort spearheaded by the White House Office of Science and Technology Policy, the U.S. Department of Energy and IBM to bring together federal government, industry, and academic leaders who are volunteering free compute time and resources on their world-class machines.
- [COVID-19 Collaboration Platform](#): This platform is a home for RCT protocols that are available for collaboration.
- [CD2H COVID Case Report Forms and Phenotyping Standards website](#)
- [The Center for Leading Innovation and Collaboration COVID-19 page](#)

- The American Heart Association is working to ensure optimal care for patients with cardiovascular disease who contract coronavirus (COVID-19). Patients with underlying cardiovascular diseases appear to have an increased risk for adverse outcomes with COVID-19. Here are [helpful resources](#) for health systems, clinics, care providers, patients and the public.
- [National Library of Medicine](#), through its GenBank® sequence database, is providing the biomedical community free and easy access to [genome sequences from the novel coronavirus](#) associated with the recent outbreak of pneumonia in Wuhan, China. The outbreak was declared a global health emergency on January 30, 2020 and GenBank® continues to rapidly release data associated with this outbreak as it comes in and welcomes sequence data [submissions](#) as well.
- Internal: [FAS Research Computing](#) has offered to provide enhanced support to Harvard Chan School research related to COVID-19. Examples of support include help with workflow automation to improve efficiency for COVID-19 data analysis, and prioritized assistance for virtual machine requests for hosting a COVID-19 analytic tools website. For more information, please contact the FASRC team via [email](#) or attend one of their [virtual office hours](#) which are held weekly on Wednesdays from 12 PM to 3 PM.
- [Open Research Dataset](#) (CORD-19) is a resource of over 45,000 scholarly articles, including over 33,000 with full text, about COVID-19, SARS-CoV-2, and related coronaviruses.
- [IBM has resources to share](#) — like supercomputing power, virus tracking and an AI assistant to answer citizens' questions.
- [LitCovid](#) is a curated literature hub for tracking up-to-date scientific information about the 2019 novel Coronavirus.
- The National Institute of Allergy and Infectious Diseases (NIAID) has made 2019 SARS-CoV-2 and other Coronavirus strains and reagents available through its [BEI Resources Repository](#).
- [The American Journal Experts](#) are offering free language editing and translation services for articles related to coronavirus disease 2019
- [Sharing research data and findings relevant to the novel coronavirus \(COVID-19\) outbreak](#), with NIH as a signatory to the statement Wellcome Trust news, January 31, 2020
- The BMJ: [Coronavirus](#)
- [Chongqing VIP Information](#), a Chinese journal database
- Elsevier: [Novel coronavirus information center](#)
- *The Lancet*: [COVID-19 resource centre](#)
- *New England Journal of Medicine*: [free Journal content on coronavirus](#)
- Royal Society of Tropical Medicine and Hygiene: [Coronavirus free collection](#)
- Springer Nature, the publisher of *Nature*: [Novel coronavirus \(SARS-CoV-2 and COVID-19\)](#)
- Wiley Online Library: [COVID-19 resources and news](#)
- WHO: [COVID-19 Course Series](#) - free online courses from OpenWHO

6. COVID-19 news by Chan faculty

- Check out the School's [updated Coronavirus website](#), which showcases our researchers' work on the front lines of the global response to COVID-19:
- Find the latest COVID news by Chan faculty [here](#).