

COVID-19 Research Funding Opportunities

Given the urgent need for innovative solutions for all aspects of the COVID-19 pandemic, both government and privately funded organizations are offering resources for COVID-19-related research.

Investigators with areas of focus in infectious disease, HIV, mental health, kidney disease, blood disorders, healthcare disparities, workplace safety, and myriad additional specialties are called to apply for newly announced coronavirus research grants.

This rapidly developing list will be updated each week as new funding opportunities become available.

National Science Foundation

[Dear Colleague Letter on the Coronavirus Disease 2019 \(COVID-19\)](#)

The National Science Foundation is accepting proposals to conduct non-medical, non-clinical-care research that can be used immediately to explore how to model and understand the spread of COVID-19, to inform and educate about the science of virus transmission and prevention, and to encourage the development of processes and actions to address this global challenge.

Deadline: Rolling

[Dear Colleague Letter: Provisioning Advanced Cyberinfrastructure to Further Research on the Coronavirus Disease 2019](#)

The Office of Advanced Cyberinfrastructure within the Directorate for Computer and Information Science and Engineering is inviting Rapid Response Research (RAPID) proposals, and supplemental funding requests to existing awards that address COVID-19 challenges through data and/or software infrastructure development activities.

Deadline: Rolling

[Dear Colleague Letter: Request for SBIR/STTR Phase I Proposals Addressing COVID-19](#)

The Division of Innovation and Industrial Partnerships (IIP) of the Engineering Directorate invites US-based small businesses to submit Phase I proposals focused on the development and deployment of new technologies, products, processes, and services with the potential to positively impact the nation's and world's ability to respond to the COVID-19 crisis.

Deadline: Rolling

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Centers for Disease Control and Prevention

[Information for CDC Applicants & Recipients of CDC Funding](#)

The Centers for Disease Control and Prevention is deeply concerned for the health and safety of people involved in CDC-funded activities, and about the effects on the public's health from COVID-19. Due to the potential scale of the declared public health emergency, the CDC wants to assure grant and cooperative agreement recipient community that CDC will be doing its part to help continue your work.

National Institutes of Health

[New RO1, R21 Pair of COVID-19 Emergency FOAs With Rolling Submission](#)

The National Institute of Allergy and Infectious Diseases issued two new funding opportunity announcements (FOAs) as part of its continuing effort to support research on SARS-CoV-2 and COVID-19. The two FOAs are ideal for applicants proposing new coronavirus-related research projects.

Deadline: Rolling

[Rapid Acceleration of Diagnostics Initiative](#)

The Rapid Acceleration of Diagnostics Initiative (RADx) will infuse funding into early innovative technologies to speed development of rapid and widely accessible COVID-19 testing. Simultaneously, NIH will seek opportunities to move more advanced diagnostic technologies swiftly through the development pipeline toward commercialization and broad availability. NIH will work closely with the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention and the Biomedical Advanced Research and Development Authority (BARDA) to advance these goals. NIH is urging all scientists and inventors with a rapid testing technology to compete in a national COVID-19 testing challenge for a share of up to \$500 million over all phases of development.

Deadline: Varied

[Notice of Special Interest \(NOSI\): Clinical and Translational Science Award \(CTSA\) Program Applications to Address 2019 Novel Coronavirus Public Health Need](#)

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National Center for Advancing Translational Sciences ([NCATS](#)) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the 2019 novel Coronavirus (COVID-19). NCATS is particularly interested in projects focusing on the use of informatics solutions to diagnose cases and the use of CTSA-supported core resources (e.g., advanced scientific instruments, highly-specialized facilities, and regulatory expertise) to facilitate research on COVID-19 and advance the translation of research findings into diagnostics, therapeutics, and vaccines. NCATS is soliciting applications for Administrative Supplements to UL1, U01, and R21 awards (through [PA-18-591](#)), Collaborative Innovation Awards to U01 and R21 awards (through [PAR-19-099](#) and [PAR-19-100](#), respectively), and Competitive Revisions for UL1 awards for each of the non-administrative supplement awards (through [PAR-19-337](#)).

Deadline: Varied

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

The research community should be alert to the possibility that COVID-19 could affect some populations with substance use disorders or HIV particularly hard. Because it attacks the lungs, COVID-19 could be an especially serious threat to those with histories of smoking tobacco or marijuana or of vaping. People who use opioids or methamphetamine may also be vulnerable due to those drugs' effects on respiratory and pulmonary health and potential effects on immune mechanisms. Likewise, those with HIV may be affected if their immune function is compromised. Additional social and environmental factors associated with drug use may worsen the transmission and treatment of COVID-19, especially among individuals who experience homelessness or incarceration, which is more common among those with a substance use disorder.

Deadline: March 31, 2021

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

NIGMS is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on SARS-CoV-2 and Coronavirus Disease 2019 (COVID-19).

Deadline: February 6, 2021

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[Notice of Special Interest \(NOSI\): Repurposing Existing Therapeutics to Address the 2019 Novel Coronavirus Disease \(COVID-19\) \(NOT-TR-20-012\)](#)

National Center for Advancing Translational Sciences (NCATS) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the 2019 novel coronavirus (SARS-CoV-2) and the disease it causes, i.e., “coronavirus disease 2019” (COVID-19). NCATS is particularly interested in projects that repurpose existing drugs or biologics (existing therapeutics) that have already begun or completed a Phase I clinical trial. The hypothesis for proposed studies must be developed using innovative processes to identify the therapeutic/indication pair.

Deadline: October 17, 2020

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

The National Institute of Mental Health (NIMH) is issuing this Notice of Special Interest (NOSI) to highlight interest in research to strengthen the mental health response to (COVID-19 caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and to future public health emergencies, including pandemics. NIMH is especially interested in 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.

Deadline: April 16, 2021

[Notice of Special Interest regarding the Availability of Urgent Competitive Revisions and Administrative Supplements for Research on Coronavirus Disease 2019 \(COVID-19\) in Individuals with Down Syndrome for the INCLUDE Project \(NOT-OD-20-129\)](#)

This Notice of Special Interest (NOSI) highlights the urgent need for research on SARS-CoV-2 and COVID-19 in individuals with Down syndrome in conjunction with the INCLUDE (INvestigation of Co-occurring conditions across the Lifespan to Understand Down syndromE) Project. Because many people with Down syndrome are at increased risk of having co-occurring medical conditions, such as pulmonary disease, cardiac problems, obesity, diabetes, sleep apnea, and altered immune function that may predispose them to

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more severe infection with SARS-CoV-2, they may be particularly vulnerable to COVID-19 complications. Combined with shared living situations, and reduced access to testing and treatment services due to disparities in provision of resources, the impact of COVID-19 infection in people with Down syndrome is likely to be elevated.

Deadline: July 13, 2021

[Digital Healthcare Interventions to Address the Secondary Health Effects Related to Social, Behavioral, and Economic Impact of COVID-19 \(R01 - Clinical Trial Optional\) \(PAR-20-243\)](#)

This funding opportunity announcement aims to support research to strengthen the healthcare response to COVID-19 caused by SARS-CoV-2 and to future public health emergencies, including pandemics. While the direct clinical effects of COVID-19 are studied elsewhere, the pandemic has social, behavioral, and economic impacts on a wide range of health conditions. The purpose of this research is to focus on the role and impact of digital health interventions to address access, reach, delivery, effectiveness, scalability and sustainability, particularly in populations who experience health disparities and vulnerable populations.

Deadline: August 20, 2020; December 2, 2020; March 2, 2021

[Notice of Special Interest: Health Services Research on Minority Health and Health Disparities \(NOT-MD-20-011\)](#)

The purpose of this Notice of Special Interest is to encourage innovative health services research that can directly and demonstrably contribute to the improvement of minority health and/or the reduction of health disparities at the health care system-level as well as within clinical settings.

Deadline: September 8, 2022

[Notice of Special Interest \(NOSI\): Availability of Emergency Competitive Revision and Administrative Supplements on Biomedical Technologies for Coronavirus Disease 2019 \(COVID-19\) \(NOT-EB-20-008\)](#)

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for accelerating the development, translation, and commercialization of technologies to address Coronavirus Disease 2019 (COVID-19). The NIBIB is seeking applications from current grantees to develop life-saving technologies that can be ready for commercialization within one to two years. Example technologies can be found in the announcement.

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Deadline: November 10, 2020

[Notice of Special Interest \(NOSI\): Small Business Research and Development of Biomedical Technologies for Coronavirus Disease 2019 \(COVID-19\) \(NOT-EB-20-006\)](#)

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for accelerating the development, translation, and commercialization of technologies to address Coronavirus Disease 2019 (COVID-19). The NIBIB is seeking applications to develop life-saving technologies that can be ready for commercialization within one to two years. Example technologies can be found in the announcement.

Deadline: March 31, 2021

[Notice of Special Interest \(NOSI\): Development of Biomedical Technologies for Coronavirus Disease 2019 \(COVID-19\) \(NOT-EB-20-007\)](#)

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for accelerating the development, translation, and commercialization of technologies to address Coronavirus Disease 2019 (COVID-19). The NIBIB is seeking applications to develop life-saving technologies that can be ready for commercialization within one to two years. Example technologies can be found in the announcement.

Deadline: March 31, 2021

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

The National Institute of Environmental Health Science (NIEHS) is issuing this Notice of Special Interest (NOSI) to address the urgent need for mission-relevant research to understand the impact of environmental exposures on COVID-19 and its causative agent, the severe acute respiratory syndrome coronavirus 2 (SARS-Cov-2). 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.

Deadline: May 4, 2021

[Notice of Special Interest \(NOSI\): Availability of Administrative Supplements and Urgent Competitive Revisions for Research on Stress](#)

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[Management in Relation to Coronavirus Disease 2019 \(COVID-19\) \(NOT-AT-20-011\)](#)

The National Center for Complementary and Integrative Health (NCCIH) 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). Topics of specific interest for this NOSI include research on stress management strategies, including mind and body approaches, that individuals may engage in remotely to address stressors related to social distancing, as well as to address recovery and recurrence of symptoms during and after COVID-19 infections.

Deadline: Rolling through October 6, 2020

[Notice of Special Interest \(NOSI\): Competitive and Administrative Supplements for the Impact of COVID-19 Outbreak on Minority Health and Health Disparities \(NOT-MD-20-019\)](#)

The National Institute on Minority Health and Health Disparities (NIMHD) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the impact of the novel Coronavirus (SARS-CoV-2) pandemic causing COVID-19 disease outbreaks and the resulting disruptions on individual and social wellbeing, health services use, and health outcomes for NIH-designated health disparity populations.

Deadline: May 1, 2021

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

The National Institute of Mental Health (NIMH) is issuing this Notice of Special Interest (NOSI) to highlight interest in research to strengthen the mental health response to Coronavirus Disease 2019 (COVID-19) caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and to future public health emergencies, including pandemics. NIMH is especially interested in 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.

Deadline: April 16, 2021

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

The National Center for Advancing Translational Sciences (NCATS) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the COVID-19. NCATS is especially interested in 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. A multi-organ on chip approach is strongly encouraged though not required. Please document access to a BSL-3 facility or include scientific justification for use of alternative facilities, for example using an engineered a COVID-19 pseudovirus that expresses the key surface Spike protein, which mediates its entry into cells.

Deadline: January 26, 2022

[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 \(NOT-TR-20-017\)](#)

The National Center for Advancing Translational Sciences (NCATS) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the COVID-19. NCATS is especially interested in 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. This Notice announces the availability of competitive revisions for investigators and institutions funded through:

- The NIH Microphysiological Systems (MPS) Program; or
- SBIR/STTR-supported investigators, provided the award involves tissue chips; or
- Microphysiological systems programs from across NIH.

Deadline: January 26, 2022

U.S. Department of Health and Human Services

[Biomedical Advanced Research and Development Authority \(BARDA\) Broad Agency Announcement \(BAA\)](#)

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Due to the COVID-19 response, any white papers or full proposals submissions, other than those that are in support of COVID-19, will be put into a queue. Once the response to COVID-19 has subsided, BARDA will resume normal review of submissions for other research areas of interests. BARDA will not be able to meet the timelines highlighted in the Broad Agency Announcement.

Deadline: October 31, 2020

Other External Funding Opportunities

[U.S. Department of Energy: Department of Energy Call for Suggestions and Collaborations to address COVID-19](#)

The National Biodefense Strategy is the nation's plan for ensuring that the country is prepared for, responding to, and recovering from health incidents such as the COVID-19 pandemic. As a partner in the Strategy, the Department of Energy (DOE) contributes science and technology to support these efforts. The Director, Office of Science, requests ideas about how DOE and the National Labs might contribute resources to help address COVID-19 through science and technology efforts and collaborations.

Deadline: Rolling

[Xsede COVID-19 HPC Consortium](#)

The COVID-19 HPC Consortium encompasses computing capabilities from some of the most powerful and advanced computers in the world. The consortium empowers researchers around the world to accelerate understanding of the COVID-19 virus and the development of treatments and vaccines to help address infections. Consortium members manage a range of computing capabilities that span from small clusters to some of the very largest supercomputers in the world.

Deadline: None specified

[XPRIZE Pandemic Alliance](#)

Join a data-powered alliance to stop COVID-19. A nonprofit 501(c)(3) since 1994, the XPRIZE Foundation has designed and operated seventeen competitions in the domain areas of space, oceans, learning, health, energy, environment, transportation, safety and robotics. The mission of XPRIZE is to clearly articulate a vision of a preferred and positive future across a set of

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domains, identify a roadmap of breakthroughs needed to get there, and establish the incentive competitions that will focus the resources, talent and technology required to enable those breakthroughs and accelerate that future.

Deadline: None specified

[Google: COVID-19 Research Grants for Cloud Credits](#)

Google has partnered with the Harvard Global Health Institute to fund companies, government agencies, nonprofit organizations and academic institutions working on COVID-19 research. Researchers in approved countries are eligible to apply for COVID-19 related research credits.

Deadline: Rolling

[FastGrants.org: Fast Grants for COVID-19 Science](#)

If you are a scientist at an academic institution currently working on a COVID-19 related project and in need of funding, FastGrants.org invites you to apply for a Fast Grant. Fast Grants are \$10k to \$500k and decisions are currently being made within 14 days. If FastGrants.org approves the grant, you'll receive payment as quickly as your university can receive it.

Deadline: Rolling

[Russell Sage Foundation: COVID-19-related Social Sciences research funding](#)

The Foundation is accepting letters of inquiry for projects studying the effect of COVID-19 on all facets of American life. The projects must focus on issues related to the foundation's core program areas and special initiatives, and they must meet one of the following criteria: (a) the research project is time-sensitive and must start before July 1, 2021; or (b) the research analyzes social, political, economic, or psychological disruptions resulting from the COVID-19 pandemic that affect social and living conditions in the United States.

Deadline: November 11, 2020

[Patient-Centered Outcomes Research Institute Phased Large Awards for Comparative Effectiveness Research – Cycle 3 2020](#)

This PCORI funding announcement invites applications for high-quality comparative effectiveness research (CER) projects that will examine a critical patient-centered research question that is also relevant to decision makers and other stakeholders. Investigators should propose an individual-level or cluster randomized controlled trial of significant scale and

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scope, requiring funding in excess of \$10 million in direct costs. The proposed trials should address important decisional dilemmas that require important new evidence about the comparative effectiveness of available interventions.

Deadline: September 29, 2020