

Managing your Grants & Research during COVID-19

Mike Lauer, MD, National Institutes of Health
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Marc Sebrechts, PhD, National Science Foundation

Peggy Christidis, PhD, American Psychological Association (moderator)

APA Science Directorate

May 7, 2020 | Staying on Track During a Pandemic Webinar Series

Managing your Grants & Research During COVID-19:

Webinar Panelists

- **Mike Lauer, MD**
Deputy Director for Extramural Research,
National Institutes of Health
- **Bill Riley, PhD**
Associate Director for Behavioral & Social Sciences Research,
Director of the Office of Behavioral & Social Sciences Research,
National Institutes of Health
- **Marc Sebrechts, PhD**
Division Director for Behavioral and Cognitive Sciences,
National Science Foundation

**Dr. Mike
Lauer**

National Institutes of Health

Information for NIH Applicants and Recipients of NIH Funding Related to COVID-19



UPDATED MAY 5, 2020

Patient Care and Researcher Safety is the First Priority

- The NIH is deeply concerned for the health and safety of people involved in NIH research, and about the effects of the COVID-19 public health emergency on the biomedical enterprise.
- NIH is providing many administrative flexibilities to help the research continue.

Stay Up to Date

- This is a rapidly evolving situation
- Information provided in this presentation is current as of May 5, 2020



CORONAVIRUS DISEASE 2019 (COVID-19)

Information for Applicants and Recipients

Visit our page and check back often for updates!

<https://grants.nih.gov/policy/natural-disasters/corona-virus.htm>

THE WALL STREET JOURNAL.

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<https://www.wsj.com/articles/medical-research-is-locked-down-too-11588629492>

OPINION | COMMENTARY

Medical Research Is Locked Down, Too

Clinical trials grind to a halt as patients are told to stay home and research personnel are redeployed.

By *Kevin Sheth*

May 4, 2020 5:58 pm ET

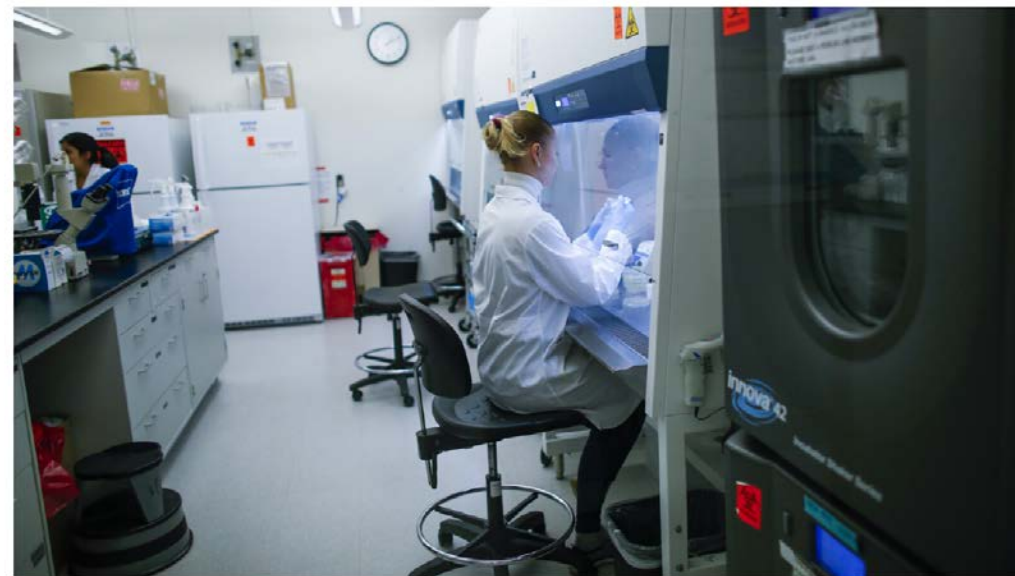
I lead clinical trials for medications to treat crippling disorders such as stroke and brain hemorrhages. During the past few months, every one of these studies has come to a grin halt. The pandemic has thrown clinical trials, the lifeblood of new treatments, into disar

STAT

Covid-19 has shuttered scientific labs. It could put a generation of researchers at risk

By Justin Chen

May 4, 2020



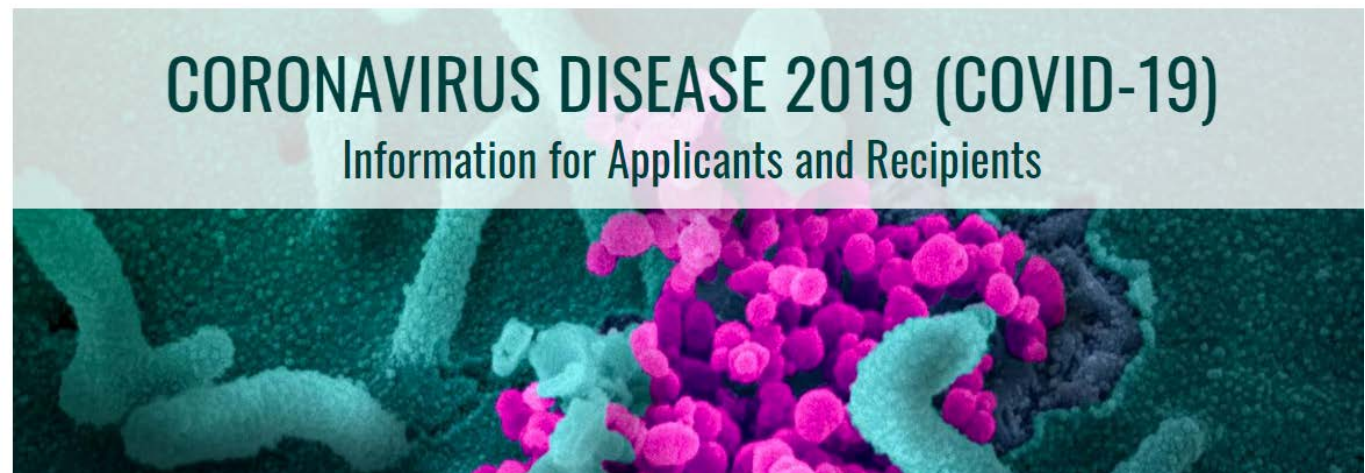
Kena Betancur/Getty Images

NIH is Open for Business

- Extramural staff are working remotely
- We continue to process applications and make awards
- We are conducting peer review meetings virtually
- We are working diligently to provide funding opportunities to support COVID-19 research

COVID-19 Funding Opportunities

- Funding through competing supplements, administrative supplements, new awards
- Many opportunities listed on [Coronavirus Disease 2019 \(COVID-19\): Information for NIH Applicants and Recipients of NIH Funding](#) website



Application Deadlines

- NIH will accept late applications through May 1 for deadlines between March 9 and May 1.
- No justification for the late submission is needed
- FOAs expiring within this time period will be extended
- Select FOA deadlines being extended further via notice

Learn more: [NOT-OD-20-091](#)

Donating Research Supplies

- To meet emergency needs, recipients may donate PPE and other research supplies purchased with NIH grant funds to support COVID-19 efforts (e.g., to hospitals and local healthcare facilities).
- Recipients may:
 - re-budget grant funds to repurchase supplies at a later date
 - use large unobligated balances
 - submit administrative supplement requests
 - Note: NIH can only provide additional funds to support supplies that are directly charged to the project(s).
- Reach out to your NIH program officer and grants management staff with specific questions.

FAQs: grants.nih.gov/faqs#/covid-19.htm

Salaries & Stipends

- If unable to work on grant or training activities, salaries and stipends may be charged to NIH grants
 - Ensure that your organization's policy allows such charges from federal and non-federal funds
- Prior approval is not required to divert faculty from research to clinical work related to COVID-19 until the end of the public health emergency period.

Learn more: [NOT-OD-20-086](#)

FAQs: grants.nih.gov/faqs#/covid-19.htm

Guidance on Human Research Affected by COVID-19

- Ensure the safety of all human participants and research staff involved in clinical trials and human subject studies
- Consult with IRBs and institutions about protective measures, such as:
 - Limiting study visits to those needed for participant safety or coincident with clinical care
 - Conducting virtual study visits
 - Implementing flexibilities for required laboratory tests or imaging needed for safety monitoring
- NIH will be flexible regarding project extensions and accommodating unanticipated costs

Learn more: [NOT-OD-20-087](#)

FAQs: grants.nih.gov/faqs#/covid-19.htm

Guidance to Help IACUCs Prepare for and Cope with the COVID-19 Pandemic

- Facility inspections may be extended by 30 days beyond the six-month interval
- IACUC can determine the best means of conducting the facility inspections, to include ad hoc consultants
- IACUCs may institute virtual meetings
- The number of IACUC meetings may be reduced to as few as one every six months
- The IACUC may choose to expand their use of designated member review

Learn more: [NOT-OD-20-088
olaw.nih.gov/covid-19.htm](https://not-od-20-088.olaw.nih.gov/covid-19.htm)

Administrative Flexibilities

- OMB has authorized agencies to utilize administrative flexibilities to recipients conducting COVID-19 research and recipients affected by COVID-19
- NIH is allowing:
 - Pre-award costs to be incurred
 - Extensions of post-award reporting
 - Prior approval requirement waivers
 - Numerous flexibilities regarding expenditures of funds

Learn more: [NOT-OD-20-086](#)

FAQs: grants.nih.gov/faqs#/covid-19.htm

Accommodations for Loss of Research Time

- Extensions for early stage investigator eligibility due to COVID-19-related disruptions will be considered
- NIH will be flexible with extending time constraints for fellowship, career development, and training awards, including phased awards

FAQs: grants.nih.gov/faqs#/covid-19.htm

Advice for Applicants & Recipients

- For general questions regarding COVID-19 flexibilities, contact NIH's Office of Extramural Research at grantspolicy@nih.gov
- For questions specific to your NIH award, contact the grants management or program staff at the funding institute or center



FAQs frequently updated. Check back often!

<https://grants.nih.gov/policy/natural-disasters/corona-virus.htm>

Dr. Bill Riley

National Institutes of Health



NIH Behavioral and Social Sciences Research to Address the COVID-19 Pandemic

William Riley, Ph.D.
Associate Director for Behavioral and Social Sciences Research
Director, Office of Behavioral and Social Sciences Research
National Institutes of Health



obssr.od.nih.gov



[@NIHOBSSR](https://twitter.com/NIHOBSSR)



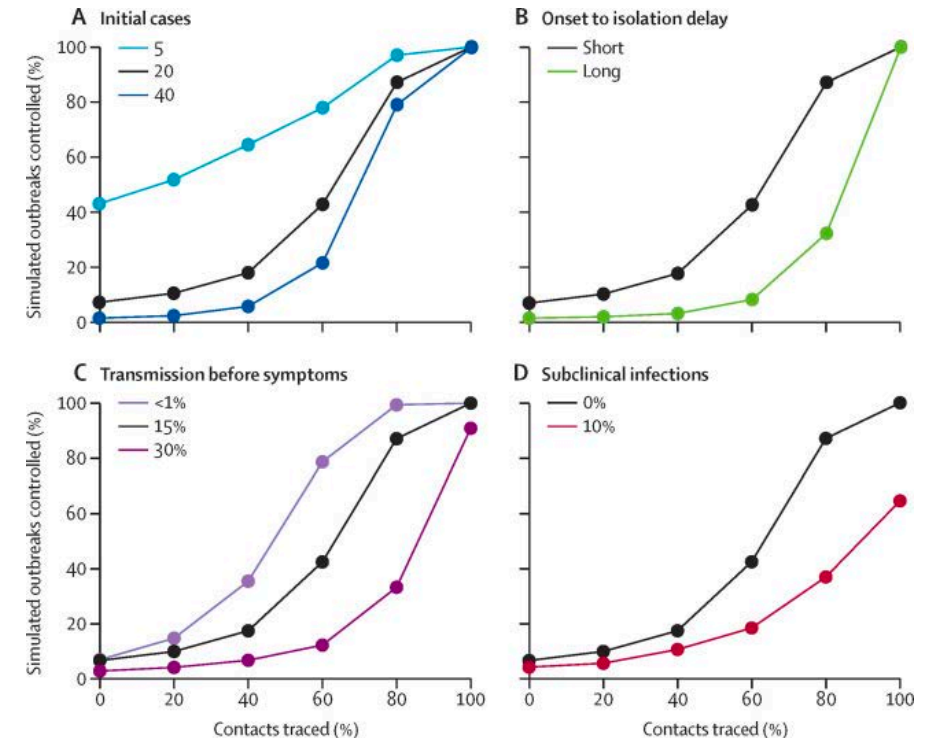
[@OBSSR.NIH](https://www.facebook.com/OBSSR.NIH)



National Institutes of Health
Office of Behavioral and Social Sciences Research

COVID-19 Social/Behavioral Research

- Most current mitigation efforts are social/behavioral interventions (risk communication, handwashing, paid sick leave, social distancing)
 - Based on varying levels of evidence from prior epidemics on adherence and transmission
 - Some not implemented consistent with existing evidence
 - Some trying to penetrate the fog of misinformation
 - Some with limited generalizability to an epidemic of this nature
 - Most with insufficient precision or quantification to better inform models
- Most with insufficient evidence to quantify “adverse events” such as rapid economic downturn, unemployment, social isolation, life disruption, limited healthcare access (cost-benefit analysis)
- The adverse effects of these mitigation strategies have downstream health effects:
 - Stress, mental health, and suicide
 - Substance abuse
 - Stress-related physical conditions
 - Domestic abuse, child abuse
 - But some positive outcomes as well (motor vehicle accidents, youth violence).

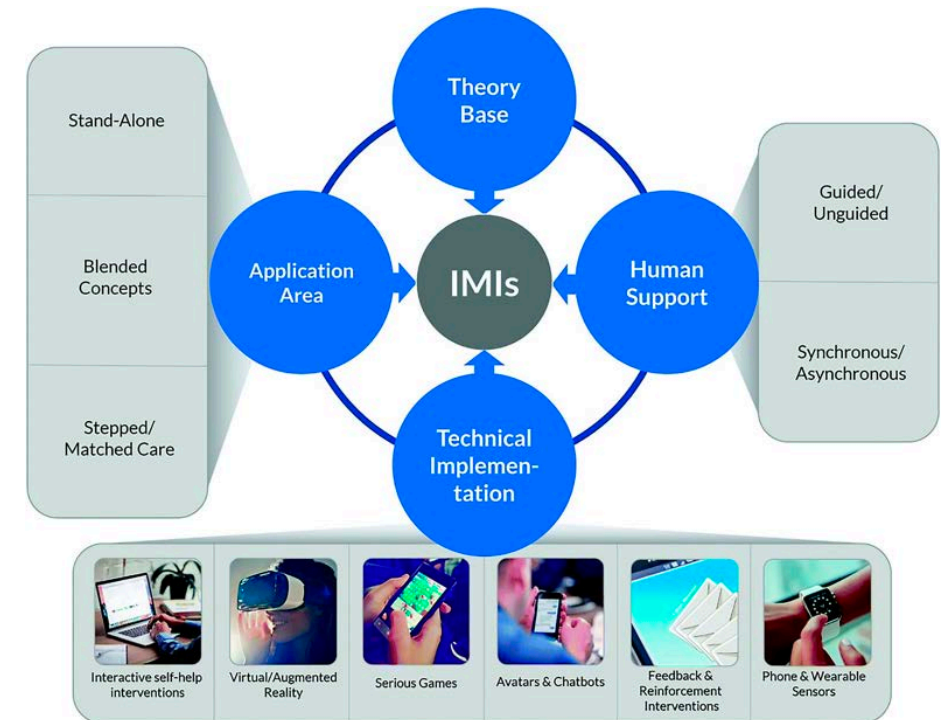


Achieving control of simulated outbreaks under different transmission scenarios

Hellewell et al., Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts; *Lancet Global Health*, 2020.

Interventions to Ameliorate Downstream Health Effects

- Inadequate access to healthcare
- Exacerbating Health Disparities
- Telehealth and Digital Interventions



Ebert et al., Digital Interventions for Mental Disorders: Key Features, Efficacy, and Potential for Artificial Intelligence Applications

Frontiers in Psychiatry, 2019.

BSSR aspects of SARS-CoV2 Testing

- **Testing Uptake**
 - HBM - revisited
- **Testing Interpretation**
 - Health Literacy
 - Effects on mitigation behavior
 - Services hand-off and referral
- **Complicated in rural and underserved communities**



Psychosocial Recovery from COVID-19

- **Post-intensive Care Syndrome**
- **Exacerbated by Social Isolation and Lack of Family Contact**
- **Issues of Stigma and Survivor Guilt**



COVID-19 Urgent Competitive and Administrative Supplements

Funding Announcements

Funding Opportunities Specific to COVID-19 and the Behavioral and Social Sciences

The following is a list of recently released NOSIs for Urgent Competitive Revisions and Administrative Supplements encouraging COVID-19 behavioral and social sciences research. Key areas of research encouraged by these NOSIs include various aspects of the Novel Coronavirus (SARS-CoV-2) and COVID-19 including risk communication, adherence to and transmission risks from various public health mitigation efforts, economic and social impacts from these mitigation efforts, downstream health and healthcare access effects as a result of these economic and social impacts, and interventions to ameliorate these downstream health impacts. In addition to a number of NIH institute or center (IC) NOSIs, OBSSR also has issued a trans-NIH NOSI to address common areas of interest across ICs and provide a mechanism for ICs to fund urgent competitive revisions and administrative supplements without publishing their own NOSI.

To sort by title, organization, dates or announcement number, click the table headers below.

Title	Announcement Number	Issuing Organization	Opening Date	Closing Date
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	NIMH	3/27/2020	4/16/2021
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	NIDA	3/19/2020	3/31/2021
Notice of Special Interest (NOSI) regarding the Availability of				

- Adherence to mitigation
- Mitigation risk reduction
- Economic impacts
- Social impacts
- Downstream health impacts
- Interventions to ameliorate impacts
- Healthcare access
- Natural experiments

<https://obssr.od.nih.gov/research-support/funding-announcements/>



National Institutes
of Health

Office of Behavioral and
Social Sciences Research

COVID-19 Survey Item Repository



COVID-19 OBSSR Research Tools

The table below lists and links to data collection instruments, including surveys, for assessing COVID-19-relevant Behavioral and Social Science (BSSR) domains for clinical or population research. The [NIH Office of Behavioral and Social Sciences Research \(OBSSR\)](#) has compiled this list, with assistance from the NIH Disaster Research program (DR2). DR2 is a collaborative effort by the National Institute of Environmental Health Sciences and the National Library of Medicine (NLM) that aims to improve our nation’s capabilities for performing timely environmental health research in response to emerging threats and disasters. OBSSR has selected these instruments using the expertise of its staff and based on the high credibility of tool sources. However, NIH does not endorse any specific instrument as best practice for development, testing, or validation. Researchers are encouraged to test instruments (e.g., cognitive testing, pilot testing) before fielding them in their studies, to the extent possible in this rapidly evolving COVID-19 research landscape. For questions related to specific instruments, source contact information is provided (where available).

Additional research tools can be found by searching for various keywords of interest in the results of this targeted search for [COVID-19 research tools](#) in NLM’s Disaster Lit® database.

The **Database ID Number** links to full descriptive information about each tool. **Instrument Name** links provide direct access to

Database ID Number (full record)	Instrument Name (access to tool)	Question Areas Included in Instrument
ID: 22039	Cyber-Abuse Research Initiative (CARI) COVID-19 Impact on Domestic Abuse	- Domestic Violence victimization and perpetration during COVID-19 - Help-seeking and fear of violence during COVID-19
ID: 22038	Healthcare Worker Exposure Response & Outcomes (HERO) HERO: Daily Impact Index HERO: Registry Protective Equipment Survey	HERO daily impact index (PI-designated concepts measured) - Sleep disturbance - Pain - Anxiety - Depressive symptoms - Stress - Anger - Fatigue Registry Protective Equipment Survey - PPE survey

- Over 50 surveys posted to date
- Over 5000 downloads to date

PhenX Toolkit

Register Log in My Toolkit

Home Protocols Search Resources News Help About Contact Tree

Search: Search all protocols in the Toolkit using keywords (e.g. diabetes) or PhenX ID (e.g. 011502)

Home » Covid19

COVID-19 Protocols

This page provides a list of COVID-19 related measurement protocols (CRFs, DCFs, instruments, surveys, questionnaires) that are *currently in use*. We hope that investigators will consider choosing from these protocols rather than developing new ones. The source of each protocol has been verified and contact information is provided in case additional information is needed. In the future, we plan to provide data dictionaries to enhance data interoperability and to support data harmonization. Please note, these protocols have not been selected via the standard PhenX consensus process and cannot be considered broadly validated; investigators are encouraged to perform validation studies.

Another important resource is the **NIH Public Health Emergency and Disaster Research Response (DR2)**. The NIH DR2 provides a wide array of data collection tools and resources for use in public health emergencies and disasters, including the COVID-19 pandemic. To visit the NIH DR2, [click here](#).

To submit a COVID-19 related protocol for consideration, please click here

Available COVID-19 Protocols

American-Islamic Relations (CAIR)
Pandemic Impact Questionnaire (PIQ) Council (CAIR-PIQ)
[CAIR-PIQ Contact](#)

Main Topic(s)

[CAIR-PIQ Council on American-Islamic Relations \(CAIR\)](#)
[Pandemic Impact Questionnaire \(PIQ\)](#)

Expand to view modules



National Institutes
of Health

Office of Behavioral and
Social Sciences Research

NIH Appropriations for COVID-19 Research

- 1st Round of Funding: \$945M – mostly to NIAID and NHLBI for therapeutics and vaccine development and research
- 2nd Round of Funding: \$1.5B – mostly to NIBIB and NCI for virus and antibody testing research
- 3rd Round of Funding: Still under consideration in the Phase 4 stimulus package; hopefully includes funding to understand and improve amelioration of the economic, social, behavioral and health impacts of the pandemic and mitigation strategies



Skate to where the puck is going . .

How to:

- Optimize unwinding of mitigation to maintain lower transmission rates while improving economic and social recovery
- Provide services to the backlog of “elective” care
- Help families manage complicated bereavement
- Reduce COVID-19 recovery complications
- Communicate risk in the context of better therapeutics, vaccines
- Minimize vaccine hesitancy, especially given the rapid pace of vaccine development and testing





Connect with OBSSR

Questions? Bill Riley:
william.riley@nih.gov



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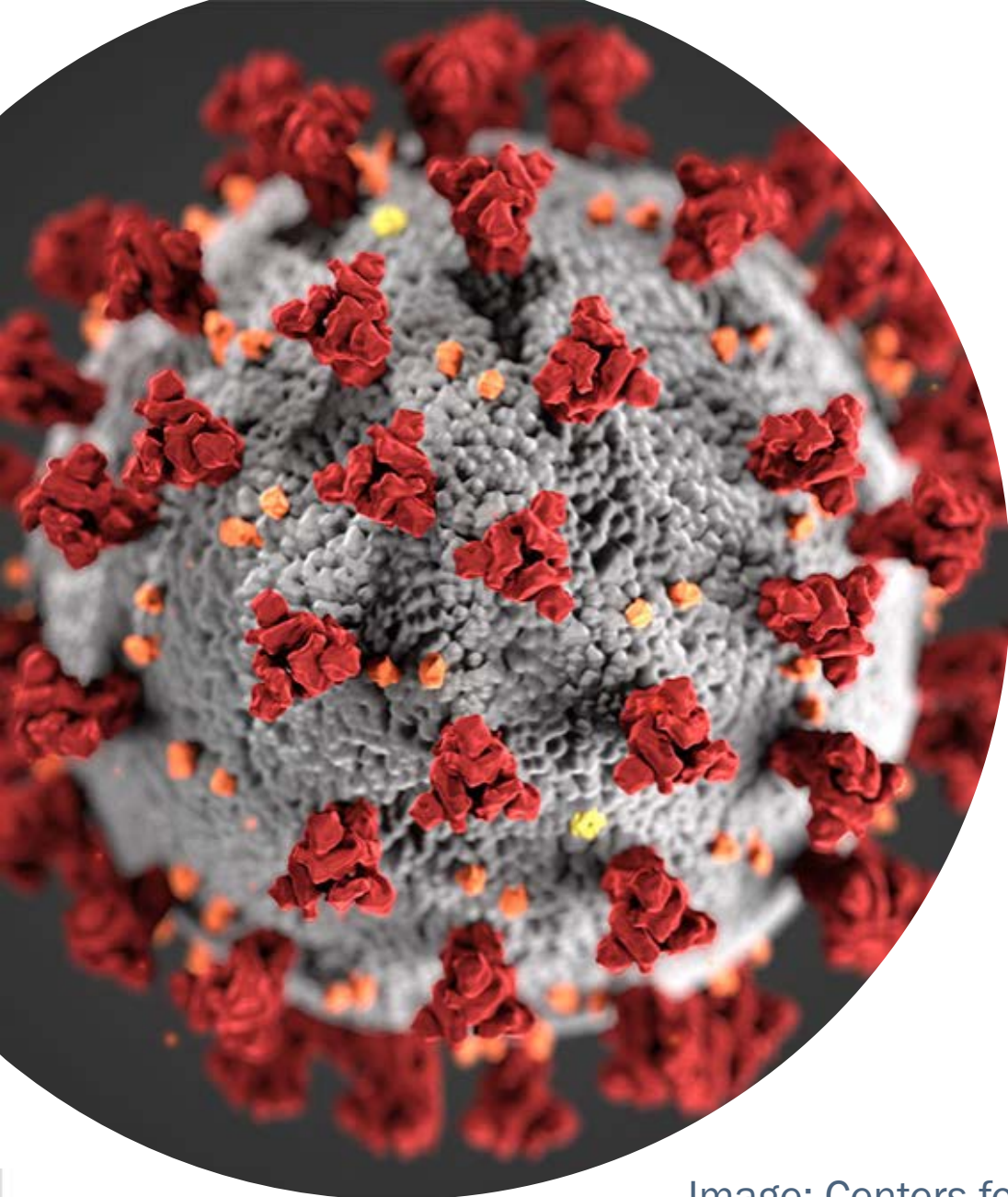
[@OBSSR.NIH](https://www.facebook.com/OBSSR.NIH)



National Institutes of Health
Office of Behavioral and Social Sciences Research

**Dr. Marc
Sebrechts**

National Science Foundation



National Science Foundation: COVID-19 Response (SBE Sciences)

**Marc M Sebrechts
Division Director
Behavioral and Cognitive Sciences**

May 7, 2020

Image: Centers for Disease Control and Prevention (CDC)



NSF is Actively Engaged in Continuing to Support the Research Community

- Proposals are being reviewed and awards are being processed.
- NSF staff are working remotely
- Review Panels are being held virtually through FY2020
- Accommodation is being made for foundational research
- Additional funding is being provided for critical COVID-19 related research



**Updated
Information at
[nsf.gov/coronavirus](https://www.nsf.gov/coronavirus)**



National Science Foundation
WHERE DISCOVERIES BEGIN



National Science Foundation (NSF)



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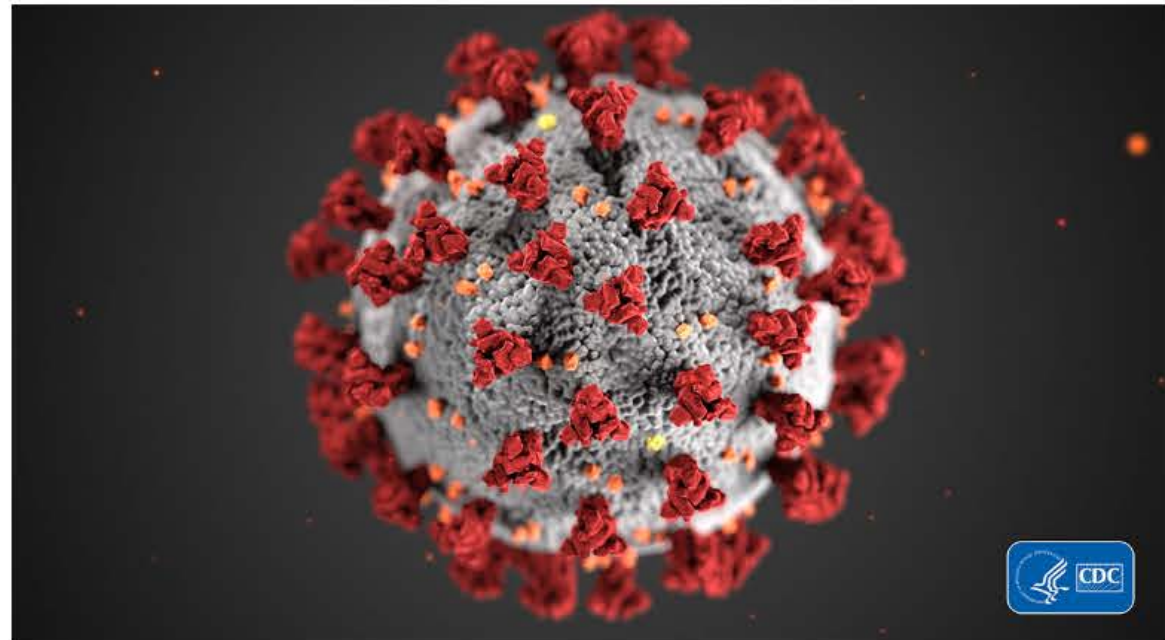


Image credit: Alissa Eckert, MS; Dan Higgins, MAM

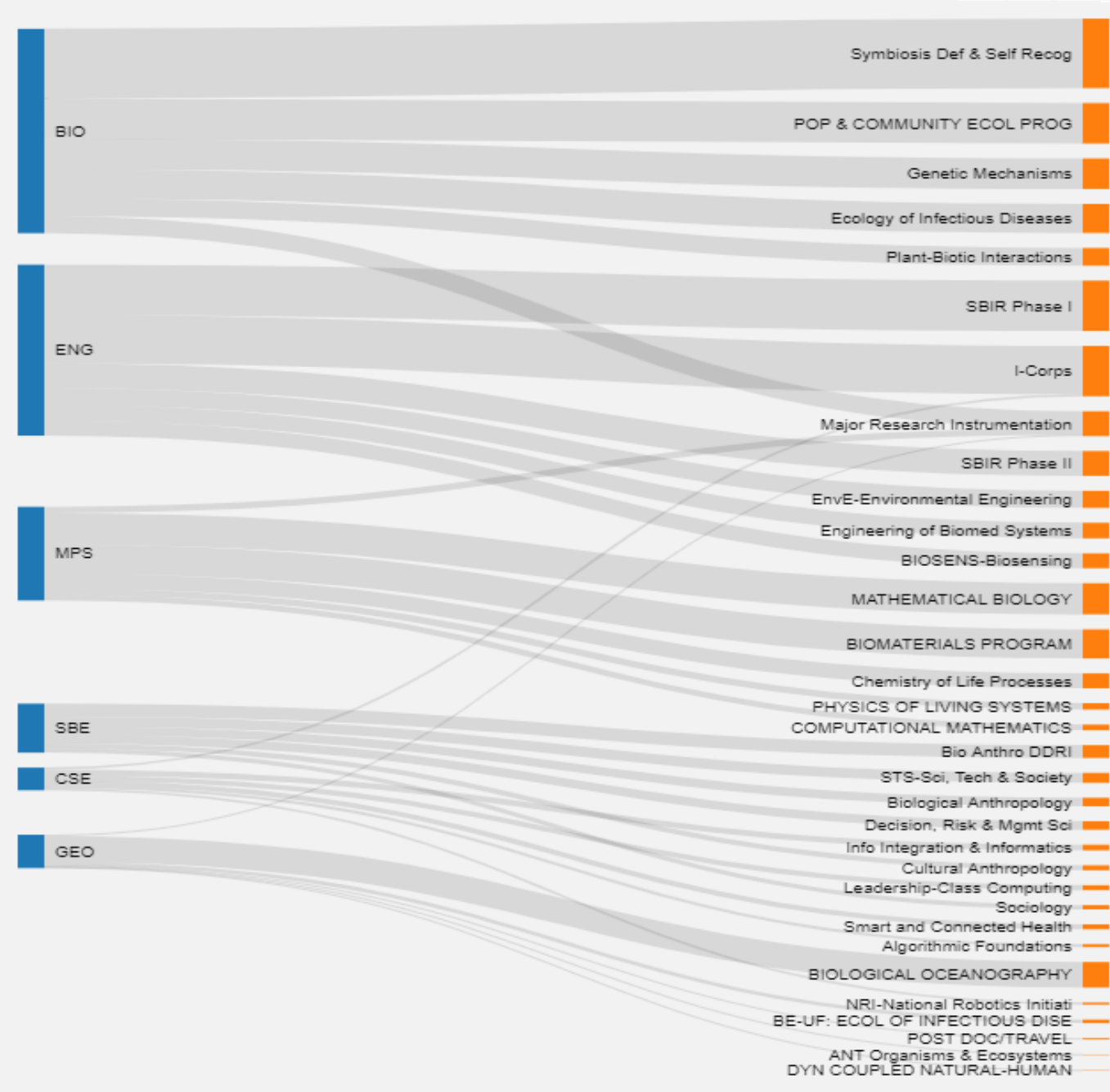
Coronavirus Information

NSF encourages you to take extra precautions to protect yourselves and your families against COVID-19. If you are an NSF employee looking for guidance, please visit InsideNSF. If you are a member of the public, please visit [cdc.gov](https://www.cdc.gov).

Federal Guidance on Coronavirus (COVID-19)

- [Coronavirus.gov](https://www.coronavirus.gov)
- [Coronavirus Disease 2019 \(COVID-19\)](https://www.cdc.gov/coronavirus/2019-ncov/)
- [What the U.S. Government is Doing](https://www.whitehouse.gov/briefing-room/statements-releases/2020/03/27/)
- [Guidelines for Opening Up America Again](https://www.whitehouse.gov/briefing-room/statements-releases/2020/05/01/)





Foundational Funding Programs that Support Understanding of Disease Systems

Future of Work

Human Networks and Data Science

Collaborative Intelligence

Cultural Response to Crisis

Social and Economic Behavior

Risk and Decision Making

Foundational SBE
Funding Programs that
Support
Cognition and Behavior
in a New Context



Rapid Response Research (RAPID)

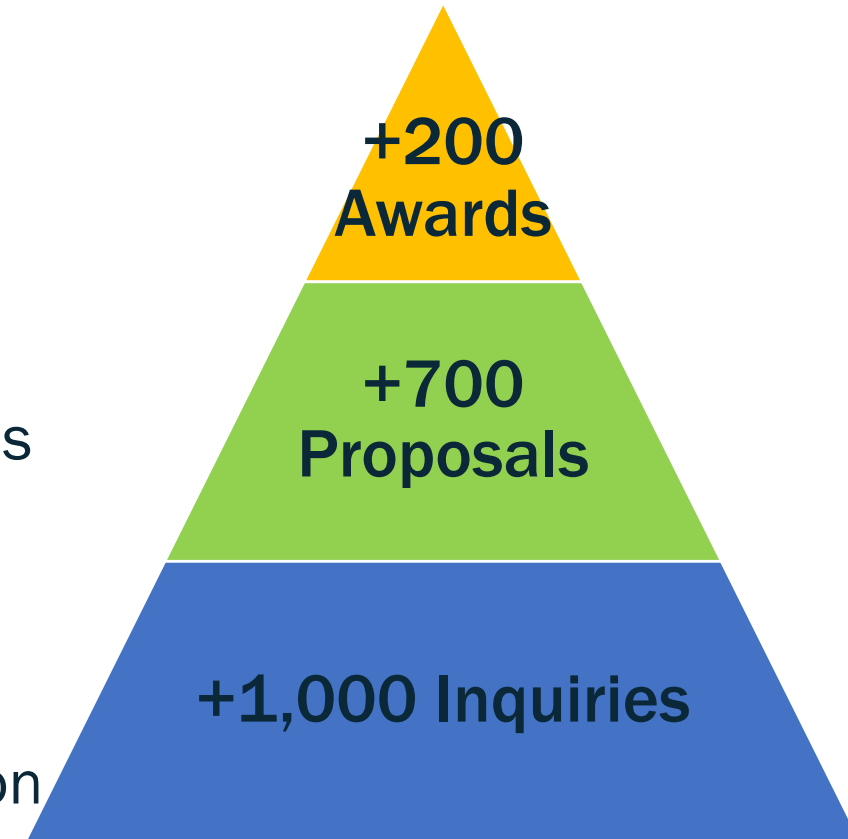
Dear Colleague Letter on COVID-19 (NSF 20-052)

- Expedited review to address severe urgency
- Up to \$200K and 1 year
- Can utilize NSF-funded advanced computing resources

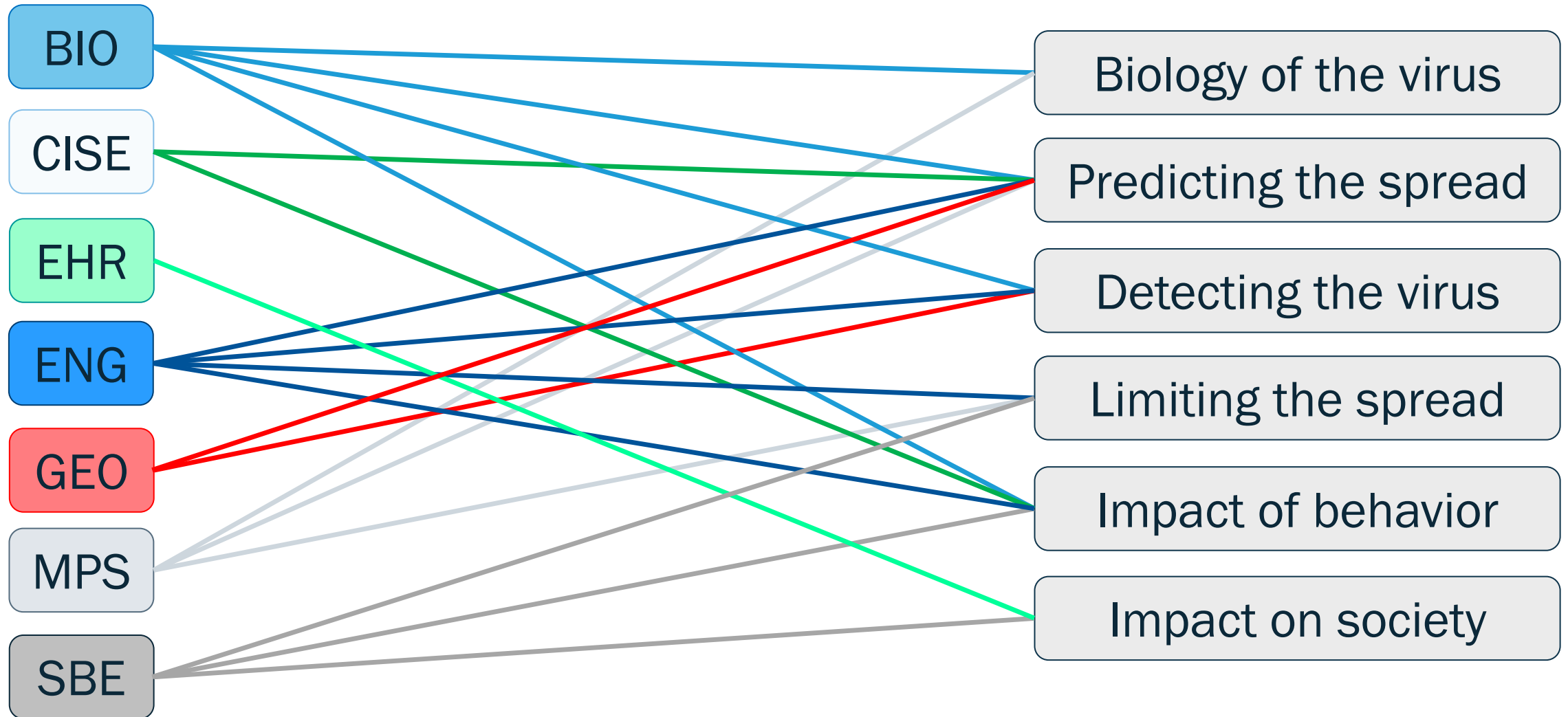
Supports research to ...

- Model and understand COVID spread
- Inform and educate about transmission and prevention
- Develop process and actions to address global challenge

**As of April 29th*



COVID-19 RAPIDs – Thematic Overview



Example SBE COVID-19 RAPID Reading Skills Development

SBE/BCS 2029373 Haskins Laboratories, Inc.

https://www.nsf.gov/awardsearch/showAward?AWD_ID=2029373

What?

School closures imposed by COVID-19 could have a substantial negative impact on the development of basic reading skills in early grade school children. This is especially true for children with learning disorders in special education, for whom online learning is much more challenging. Teachers and their K-2 students across the country will help researchers test whether a digital game based on cutting-edge reading research can maintain and strengthen basic reading skills.

Why?

Successful remote learning applications and techniques may help overcome the decline in basic reading skills during school closures now and in the future. The findings could also be useful for teaching students in areas in the U.S. where trained reading specialists are not readily available.



Fumiko Hoeft, used with permission.

Example SBE COVID-19 RAPID: Information and Behavior

SBE/BCS

2027822

U Michigan

https://www.nsf.gov/awardsearch/showAward?AWD_ID=2027822&HistoricalAwards=false

What?

The threat of the COVID-19 virus has not been clearly understood by a substantial portion of the U.S. population. Many people have been slow to adopt attitudes and behaviors that will serve to mitigate the risks of the pandemic.

Why?

This research will examine (a) how ways of presenting information about the proliferation of the disease affects people's estimates of its incidence and rates of death, and intended future social behavior, (b) how individual and geographic differences influence estimates of the spread of the disease, and (c) how people are reasoning about the impact of the disease on the viability of the healthcare system.



Guidance and Flexibility for NSF Grantees

NSF has implemented certain flexibilities, consistent with OMB guidance, which can be found at www.nsf.gov/coronavirus

- Research resources can be repurposed to support the COVID-19 response [OMB M-20-20]
- Expenses and costs incurred due to the COVID-19 can be charged to an award [OMB-20-17]
- Adjustments have been made to prior approval requirements [OMB-20-17]
https://www.nsf.gov/bfa/dias/policy/covid19/covid19_nsfombimplementation.pdf
- Conference rescheduling or future meeting within scope
- No-cost extensions available
- Contact your Program Officer for program specific changes!



Important Changes to Deadlines

- Numerous proposal deadlines extended
https://www.nsf.gov/bfa/dias/policy/covid19/covid19_deadlines.pdf
- Final project reports that were due in April have been given a 30-day extension
- Close out period for awards that ended between November 30, 2019 and April 30, 2020 has been automatically extended to 180 days



NSF Resources

Information from NSF on coronavirus

nsf.gov/news/special_reports/coronavirus/

National Science Foundation (NSF)

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Coronavirus Information

NSF encourages you to take extra precautions to protect yourselves and your families against COVID-19. If you are an NSF employee looking for guidance, please visit InsideNSF. If you are a member of the public, please visit cdc.gov

National Science Foundation | STATE FACT SHEET

NSF & VIRGINIA

In Fiscal Year (FY) 2019, the National Science Foundation made \$165,309,000 in awards to Virginia in support of fundamental research, advanced technical education, entrepreneurial training, STEM teacher training, long-term ecological monitoring, small business development, major research instrumentation and more.

FAST FACTS

- \$165,309,000** Total NSF awards to Virginia in FY19
- \$139,166,000** Amount awarded in fundamental research in Virginia in FY19
- \$26,143,000** Amount awarded in STEM education in Virginia in FY19
- \$3,887,000** Amount awarded in Virginia through NSF's small business program in FY19

TOP 3 NSF-FUNDED ACADEMIC INSTITUTIONS FOR FY19

- \$50,700,000** Virginia Polytechnic Institute and State University (Virginia Tech)
- \$36,180,000** University of Virginia (state-owned)
- \$13,770,000** George Mason University

STEM WORKFORCE DEVELOPMENT | Virginia has more cybersecurity professionals per capita than any other state. With a \$4,569,946 award from NSF, Virginia Tech is creating an NSF CyberCorps® Scholarship for Service (SFS) program targeting undergraduate students entering their third year of study and majoring in computer engineering and computer science. The program provides three years of funding to complete a B.S. or M.A. degree. The program provides a major advancement in cybersecurity education at Virginia Tech by incentivizing study in cybersecurity, and by creating a pathway to federal employment.

SUPPORTING STUDENTS | In FY19 NSF had \$13,151,822 in active awards through the Robert H. Goheen Scholarship program, which prepares equity-minded mathematics and science teachers to work in diverse communities of learners. The scholarship program is being funded at the University of Virginia (Main Campus), Randolph-Mason College, George Mason University, Virginia State University, Hampton University, Old Dominion University, Research Foundation, Christopher Newport University, Virginia Commonwealth University, James Madison University, Virginia Commonwealth University, College of William and Mary and the University of Lynchburg.

SCIENCE & ENGINEERING INDICATORS | 7.55% of the Virginia workforce is employed in S&E occupations, and 13.25% of Virginia business establishments are industries with high employment in science, engineering and technology (SET) occupations.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER | Charlottesville, Virginia, is home to the National Radio Astronomy Observatory (NRAO). NRAO conceives, designs, builds, operates and maintains state-of-the-art radio telescopes used by scientists from around the world. Operating synergistically with optical, infrared, X-ray and gravitational wave telescopes, NRAO facilities enable researchers to study a remarkably broad range of key problems in modern astrophysics that reach from within our solar system to the most distant galaxies in the universe. NRAO supports facilities in Chile and the U.S.

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- nsf.gov/transitionoff

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National Science Foundation | FACT SHEET

NSF COVID-19 Fact Sheet

UTILIZING NSF-FUNDED RESEARCH IN THE FIGHT AGAINST COVID-19

For 70 years, NSF has supported basic research that enhances our economy and national defense, and advances the health, prosperity, and well-being of the nation. As the nation responds to the COVID-19 pandemic, NSF-funded research is playing a crucial role. From the science and engineering behind critical diagnostic tools and medical devices, to novel solutions that help communities, businesses, and individuals navigate the challenges of this difficult time, NSF's investments in science and technology are making a difference.

DECADES OF NSF INVESTMENTS ARE BEING USED IN THE RESPONSE TO COVID-19

3D PRINTED PPE PROTECTS HEALTHCARE WORKERS

NSF's investments in 3D printing and additive manufacturing—going back to the 1980s—are enabling students and educators at community colleges in Tennessee, Kentucky and Connecticut to produce life-saving personal protective equipment (PPE). NSF is continuing to fund research to expand advanced manufacturing capabilities and efficiency, and NSF plays a key role in STEM training that opens these fields up to students and workers across the nation.

UNDERSTANDING THE BIOLOGY OF VIRUSES TO MITIGATE TRANSMISSION

Decades of investments in genetics, cyberinfrastructure and fundamental biology enabled the rapid sequencing and identification of the novel coronavirus weeks after its discovery in late 2019. This finding allowed infectious disease experts to quickly realize its similarity to the 2003 SARS coronavirus and begin work on containing its spread. Continued work in comparing genetic variation between infected individuals will provide an understanding of how the virus spreads from person to person and between communities.

Since 2002, NSF has partnered with the National Institutes of Health and the U.S. Department of Agriculture to run the Ecology and Evolution of Infectious Diseases (EED) program. EED funds research to advance the understanding of pathogen transmission, including human, animal, and plant diseases, in effort to control disease and protect human, animal, and ecosystem health. Multidisciplinary research funded through EED has laid essential groundwork for addressing the current and future novel disease outbreaks. An example of EED's impactful work is the 2013 identification of bats as the source of the 2002 SARS coronavirus outbreak.

NSF-SUPPORTED RESEARCH HUBS ADVANCE THE FIGHT AGAINST COVID-19

The Molecular Sciences Software Institute (MolSSI) has launched a centralized, open repository for sharing resources and expertise related to the molecular properties of the SARS-CoV-2 virus, to help fight the COVID-19 pandemic. Visit molssi.org for more information.

DID YOU KNOW?

NSF funding for social, behavioral, and economic sciences helps us understand and respond to societal disruptions of the pandemic. One example is a project from Stanford University that studied how flu-like diseases spread within schools. The researchers equipped students and school staff with small wireless transmitters that provided real-time data on students and staff encountered each other. The researchers then used that information to simulate strategies to manage the spread of infectious diseases.

MAPPING NSF'S C

- Leadership in computing res
- Frontiers
- Advanced/innovative computing systems
- Bridges
- Chryseus
- Cancer
- Jenseum

NSF.gov/coronavirus

State Fact Sheets
FY 2019

NSF COVID-19
Fact Sheets

For NSF resources and fact sheets, please visit www.nsf.gov/about/congress/factsheets.jsp



Preparing for the Next Pandemic



Limiting the impact of future emerging diseases requires an interdisciplinary approach to understand the drivers that influence transmission, mechanisms of resistance, how to model disease spread, and how to respond in the event of an outbreak.

From reactive to predictive;
From segmented to interdisciplinary and coordinated

Communicating Your Research

- Increase public awareness of your research
- Do you have news to share? Notify and acknowledge NSF
- Share a press release, add an NSF quote researchnews@nsf.gov
- Striking images/video? Share it with NSF multimedia@nsf.gov
- Share your NSF story on social media and stay up on the latest by following us



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Questions?

Contact the relevant Program Officer!!

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Office of Legislative and Public Affairs

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Managing your Grants & Research During COVID-19

Q & A Session

Staying on Track During a Pandemic

A Webinar Series for Students and ECPs

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