Managing your Grants & Research during COVID-19

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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.
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!
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 9:58 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 grind halt. The pandemic has thrown clinical trials, the lifeblood of new treatments, into disar
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
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

CORONAVIRUS DISEASE 2019 (COVID-19)
Information for Applicants and Recipients

FAQs frequently updated. Check back often!
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
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

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

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 NOISIs for Urgent Competitive Revisions and Administrative Supplements encouraging COVID-19 behavioral and social sciences research. Key areas of research encouraged by these NOISIs 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) NOISIs, 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.

<table>
<thead>
<tr>
<th>Title</th>
<th>Announcement Number</th>
<th>Issuing Organization</th>
<th>Opening Date</th>
<th>Closing Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notice of Special Interest (NOSI) regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Mental Health Research on the 2019 Novel Coronavirus</td>
<td>NOT-MH-20-047</td>
<td>NIMH</td>
<td>3/27/2020</td>
<td>4/16/2021</td>
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<tr>
<td>Notice of Special Interest (NOSI) regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus</td>
<td>NOT-DA-20-047</td>
<td>NIDA</td>
<td>3/19/2020</td>
<td>3/31/2021</td>
</tr>
</tbody>
</table>

- 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/
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).

Additonal 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 the instrument.

<table>
<thead>
<tr>
<th>Database ID Number (full record)</th>
<th>Instrument Name</th>
<th>Question Areas Included in Instrument</th>
</tr>
</thead>
</table>
| ID: 22039                        | Cyber-Abuse Research Initiative (CARIS) COVID-19 Impact on Domestic Abuse | • Domestic violence victimisation 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 |
NIH Appropriations for COVID-19 Research

• 1\textsuperscript{st} Round of Funding: $945M – mostly to NIAID and NHLBI for therapeutics and vaccine development and research
• 2\textsuperscript{nd} Round of Funding: $1.5B – mostly to NIBIB and NCI for virus and antibody testing research
• 3\textsuperscript{rd} 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

@NIHOBSSR

@OBSSR.NIH

Sign up for our newsletter and email updates:
https://obssr.od.nih.gov/
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
Foundational Funding Programs that Support Understanding of Disease Systems
Foundational SBE Funding Programs that Support Cognition and Behavior in a New Context

Future of Work

Human Networks and Data Science

Collaborative Intelligence

Cultural Response to Crisis

Social and Economic Behavior

Risk and Decision Making
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

+200 Awards
+700 Proposals
+1,000 Inquiries

*As of April 29th
COVID-19 RAPIDs – Thematic Overview

- Biology of the virus
- Predicting the spread
- Detecting the virus
- Limiting the spread
- Impact of behavior
- Impact on society
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.
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]

• 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

• 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

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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@US.NSF
Questions?

Contact the relevant Program Officer!!

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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

Join APA for a weekly webinar series on practical strategies and expert advice for students, early career psychologists, and their allies. In these hour-long webinars, we’ll discuss topics ranging from completing your dissertation from afar to managing your finances.