

Welcome!

Thank you for joining us for today's webinar. The program will begin shortly.

You will not hear the audio until we begin.

If you have technical questions, please email [aamc@commpartners.com](mailto:aamc@commpartners.com).



Tomorrow's Doctors, Tomorrow's Cures®

---

Learn

---

Serve

---

Lead



Association of  
American Medical Colleges

# Today's Conversation With...



*Moderator*

**Christa Wagner, PhD**

Senior Legislative Analyst

Association of American Medical Colleges



*Speaker*

**Michael S. Lauer, MD**

NIH Deputy Director for Extramural Research

Director, Office of Extramural Research

# Update from the NIH Office of Extramural Research

Michael S Lauer, MD

NIH Deputy Director for Extramural Research  
Director, Office of Extramural Research (OER)

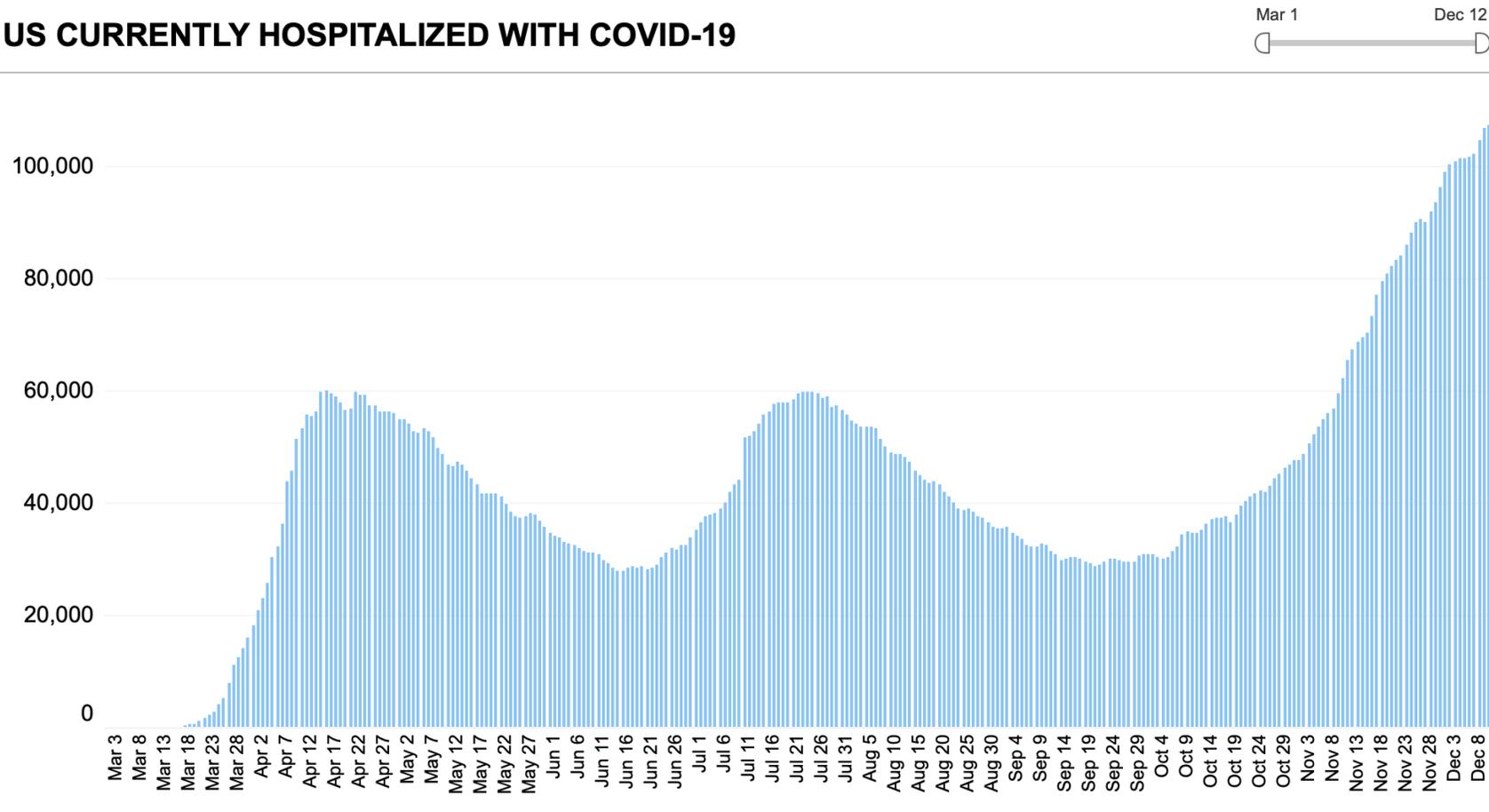
AAMC GREAT and GRAND Webinar

Tuesday, December 15, 2020



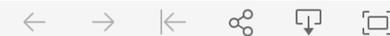
# 9 Months of COVID-19!

## US CURRENTLY HOSPITALIZED WITH COVID-19



Note: Florida began reporting this figure on July 10.

+ a b | e a u



*The* NEW ENGLAND  
JOURNAL *of* MEDICINE

ESTABLISHED IN 1812

NOVEMBER 5, 2020

VOL. 383 NO. 19

## Remdesivir for the Treatment of Covid-19 — Final Report

J.H. Beigel, K.M. Tomashek, L.E. Dodd, A.K. Mehta, B.S. Zingman, A.C. Kalil, E. Hohmann, H.Y. Chu, A. Luetkemeyer, S. Kline, D. Lopez de Castilla, R.W. Finberg, K. Dierberg, V. Tapson, L. Hsieh, T.F. Patterson, R. Paredes, D.A. Sweeney, W.R. Short, G. Touloumi, D.C. Lye, N. Ohmagari, M. Oh, G.M. Ruiz-Palacios, T. Benfield, G. Fätkenheuer, M.G. Kortepeter, R.L. Atmar, C.B. Creech, J. Lundgren, A.G. Babiker, S. Pett, J.D. Neaton, T.H. Burgess, T. Bonnett, M. Green, M. Makowski, A. Osinusi, S. Nayak, and H.C. Lane, for the ACTT-1 Study Group Members\*



*The* NEW ENGLAND JOURNAL *of* MEDICINE

## SPECIAL REPORT

# Rapid Scaling Up of Covid-19 Diagnostic Testing in the United States — The NIH RADx Initiative

Bruce J. Tromberg, Ph.D., Tara A. Schwetz, Ph.D., Eliseo J. Pérez-Stable, M.D.,  
Richard J. Hodes, M.D., Richard P. Woychik, Ph.D., Rick A. Bright, Ph.D.,  
Rachael L. Fleurence, Ph.D., and Francis S. Collins, M.D., Ph.D.

<https://www.nejm.org/doi/pdf/10.1056/NEJMSr2022263?articleTools=true>



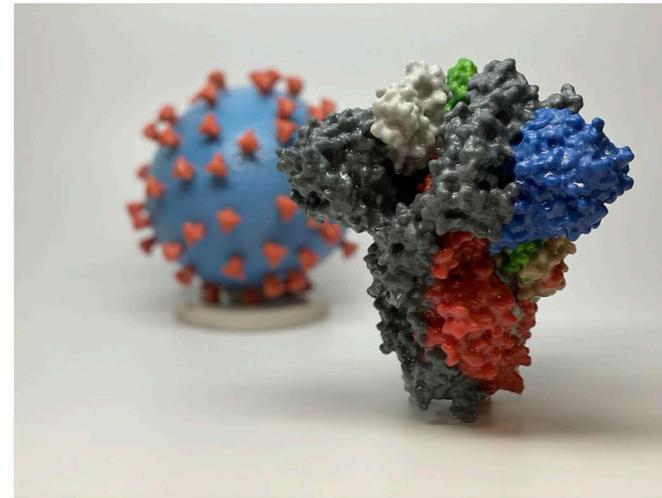
## NEWS RELEASES

Monday, November 16, 2020

### Promising Interim Results from Clinical Trial of NIH-Moderna COVID-19 Vaccine



An independent data and safety monitoring board (DSMB) overseeing the Phase 3 trial of the investigational COVID-19 vaccine known as mRNA-1273 reviewed trial data and shared its interim analysis with the trial oversight group on Nov. 15, 2020. This interim review of the data suggests that the vaccine is safe and effective at preventing symptomatic COVID-19 in adults. The interim analysis comprised 95 cases of symptomatic COVID-19 among volunteers. The DSMB reported that the candidate was safe and well-tolerated and noted a vaccine efficacy rate of 94.5%. The findings are statistically significant, meaning they are likely not due to chance. 90 of the cases occurred in the placebo group and 5 occurred in the vaccinated group. There were 11 cases of severe COVID-19 out of the 95 total, all of which occurred in the placebo group.



3D print of a spike protein of SARS-CoV-2, the virus that

VIEWPOINT

## Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV) An Unprecedented Partnership for Unprecedented Times

**Francis S. Collins, MD,  
PhD**

Office of the Director,  
National Institutes of  
Health, Bethesda,  
Maryland.

**Paul Stoffels, MD**

Johnson & Johnson,  
New Brunswick,  
New Jersey.

**It has been more than a century** since the world has encountered a pandemic like coronavirus disease 2019 (COVID-19), and the rate of spread of COVID-19 around the globe and the associated morbidity and mortality have been staggering.<sup>1</sup> To address what may be the greatest public health crisis of this generation, it is imperative that all sectors of society work together in unprecedented ways, with unprecedented speed. In this Viewpoint, we describe such a partnership.

First reported in Wuhan, China, in December 2019,

academic experts. Participants sought urgently to identify research gaps and to discuss opportunities to collaborate in an accelerated fashion to address the complex challenges of COVID-19.

These critical discussions culminated in a decision to form a public-private partnership to focus on speeding the development and deployment of therapeutics and vaccines for COVID-19. The group assembled 4 working groups to focus on preclinical therapeutics, clinical therapeutics, clinical trial capacity, and vaccines (**Figure**).

# THE WALL STREET JOURNAL.

This copy is for your personal, non-commercial use only. To order presentation-ready copies for distribution to your colleagues, clients or customers visit <https://www.djreprints.com>.

<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*

## ARE WOMEN PUBLISHING LESS DURING THE PANDEMIC? HERE'S WHAT THE DATA SAY

Early analyses suggest female academics are posting fewer preprints than men, and starting fewer projects.

By Giuliana Viglione

**Q**uarantined with a six-year-old child underfoot, Megan Frederickson wondered how academics were managing to write papers during the COVID-19 pandemic. Lockdowns implemented to stem coronavirus spread meant that, overnight, many households worldwide had become an intersection of work, school and home life. Conversations on Twitter seemed

### PREPRINT DROP-OFF

Two separate analyses show that women's posting rate on preprint servers has slowed during the coronavirus pandemic.

#### All-author analysis

When compared with March and April 2019, the number of male authors on preprints posted to bioRxiv and arXiv has grown faster than the number of female authors in that period this year.

Mar-Apr 2019 ■ Mar-Apr 2020 ■  
arXiv: 2019 vs 2020      bioRxiv: 2019 vs 2020

Nature, May 28, 2020

<https://media.nature.com/original/magazine-assets/d41586-020-01294-9/d41586-020-01294-9.pdf>



## *The Virus Moved Female Faculty to the Brink. Will Universities Help?*

The pandemic is a new setback for women in academia who already faced obstacles on the path to advancing their research and careers.



Lisa Warner in her lab at Boise State University. Alex Hecht for The New York Times

August  
2020



## Research Impact Under COVID-19

FINANCIAL CRISIS AND THE  
“PANDEMIC NORMAL”

- Restricted access to facilities
- Social distancing, shift-work
- Down-time (e.g. cleaning, COVID+)
- Continuous use of PPE
- New staff for COVID issues
- Disrupted supply chains, visitors
- Disrupted contact with human participants

[https://www.cogr.edu/sites/default/files/Research\\_COVID\\_August2020\\_COGR\\_FINAL.pdf](https://www.cogr.edu/sites/default/files/Research_COVID_August2020_COGR_FINAL.pdf)



HOME

ABOUT GRANTS

FUNDING

**POLICY & COMPLIANCE**

NEWS & EVENTS

[Home](#) » [Policy & Compliance](#) » [NIH Extramural Response to Natural Disasters and Other Emergencies](#) » [Coronavirus Disease 2019 \(COVID-19\)](#)

## POLICY & COMPLIANCE

### Policy Topics

Natural Disasters

**Coronavirus Disease 2019 (COVID-19): Information for NIH Applicants and Recipients of NIH Funding**

Applicant/Recipient COVID-19 Update History

## Coronavirus Disease 2019 (COVID-19): Information for NIH Applicants and Recipients of NIH Funding

The NIH is deeply concerned for the health and safety of people involved in NIH research, and about the effects on the enterprise in the areas affected by the HHS declared [public health emergency for COVID-19](#). Due to the potential exceptions, we want to assure our recipient community that NIH will be doing our part to help you continue your research.

This is a rapidly evolving situation and we will provide updated guidance and information as it becomes available.

See [page update history](#).

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



Posted 3/26/2020

Duration 10:41



Posted 3/17/2020

Duration 8:39



National Institutes of Health  
Office of Laboratory Animal Welfare



Search

About OLAW   Cont

## Office of Laboratory Animal Welfare

Policies and Laws ▾

Guidance ▾

Education ▾

Resources ▾

Home » COVID 19 Pandemic Contingency Planning for Animal Care and Use Programs

## COVID-19 Pandemic Contingency Planning for Animal Care and Use Programs

The followi  
COVID-19 |



### GRANTS & FUNDING

NIH Central Resource for Grants and Funding Information

Search this Site

eRA | NIH Staff | Glossar

the current

HOME

ABOUT GRANTS

FUNDING

**POLICY & COMPLIANCE**

NEWS & EVENTS

ABOUT OER

Home » Policy & Compliance » NIH Extramural Response to Natural Disasters and Other Emergencies » Coronavirus Disease 2019 (COVID-19) » Funding Opportunities Specific to COVID-19

## Funding Opportunities Specific to COVID-19

This page contains a listing of active and expired funding opportunities specific to Coronavirus Disease 2019 (COVID-19).



National Institutes of Health  
Office of Extramural Research

<https://olaw.nih.gov/covid-19.htm>

<https://grants.nih.gov/grants/guide/COVID-Related.cfm>

## Open Mike

*Helping connect you with the NIH perspective, and helping connect us with yours*

Posted on **October 5, 2020** by **Mike Lauer**

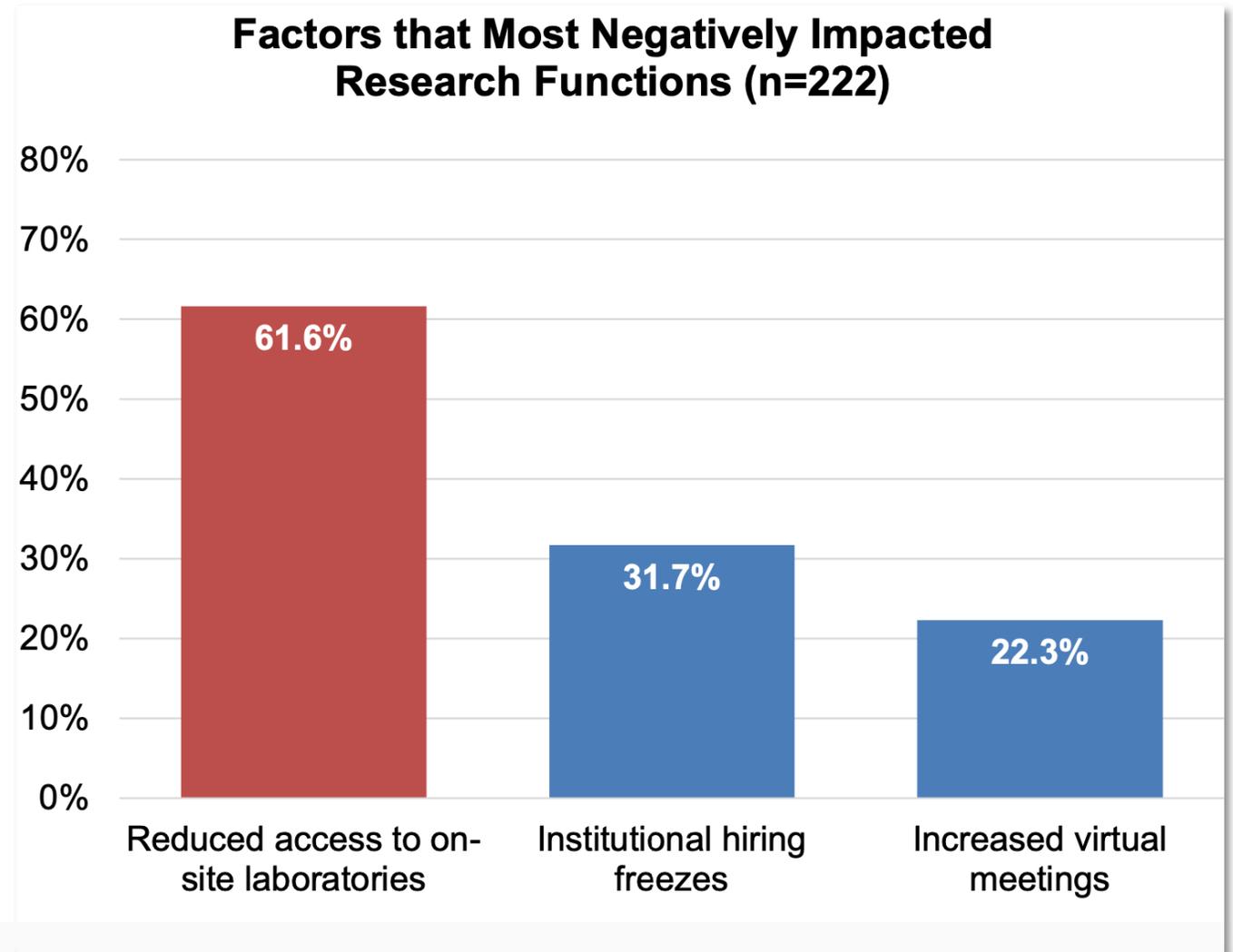
### **Encouraging Participation in Upcoming NIH Surveys to Identify Impacts of COVID-19 on Extramural Research**



Dr. Michael Lauer is NIH's Deputy Director for Extramural Research,

## Response Data

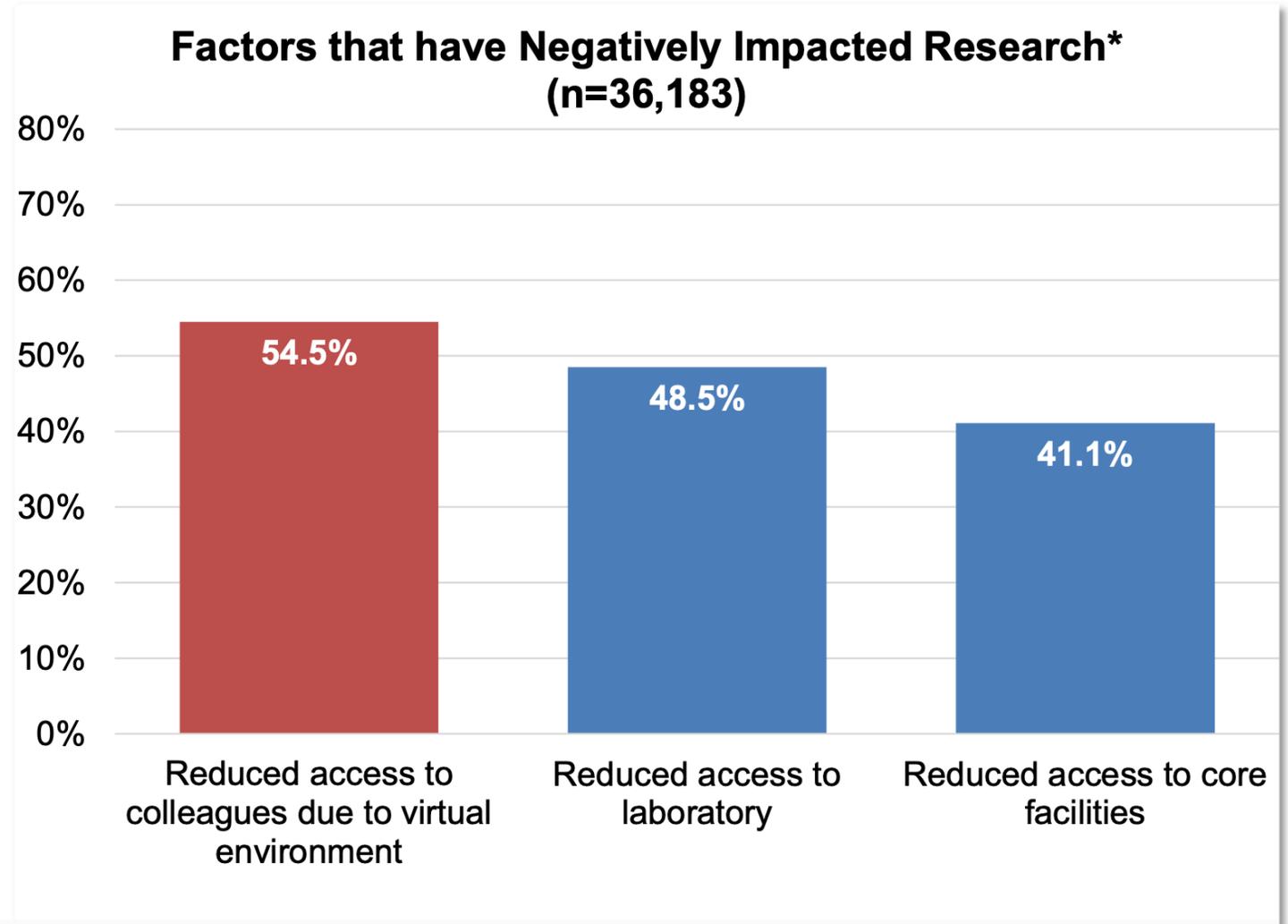
- 32% response rate
- 67% at a *Doctorate Granting University*
- *Minority Serving Institutions* accounted for 12% of institutions invited to participate, and 18% of total responses received



# Researchers: Thank You for Responding!

## Response Data

- 19% response rate
- 77% at academic institutions
- 53% faculty members



\* Note: Number displayed may change upon data cleaning



**Cell**

Leading Edge

 CellPress

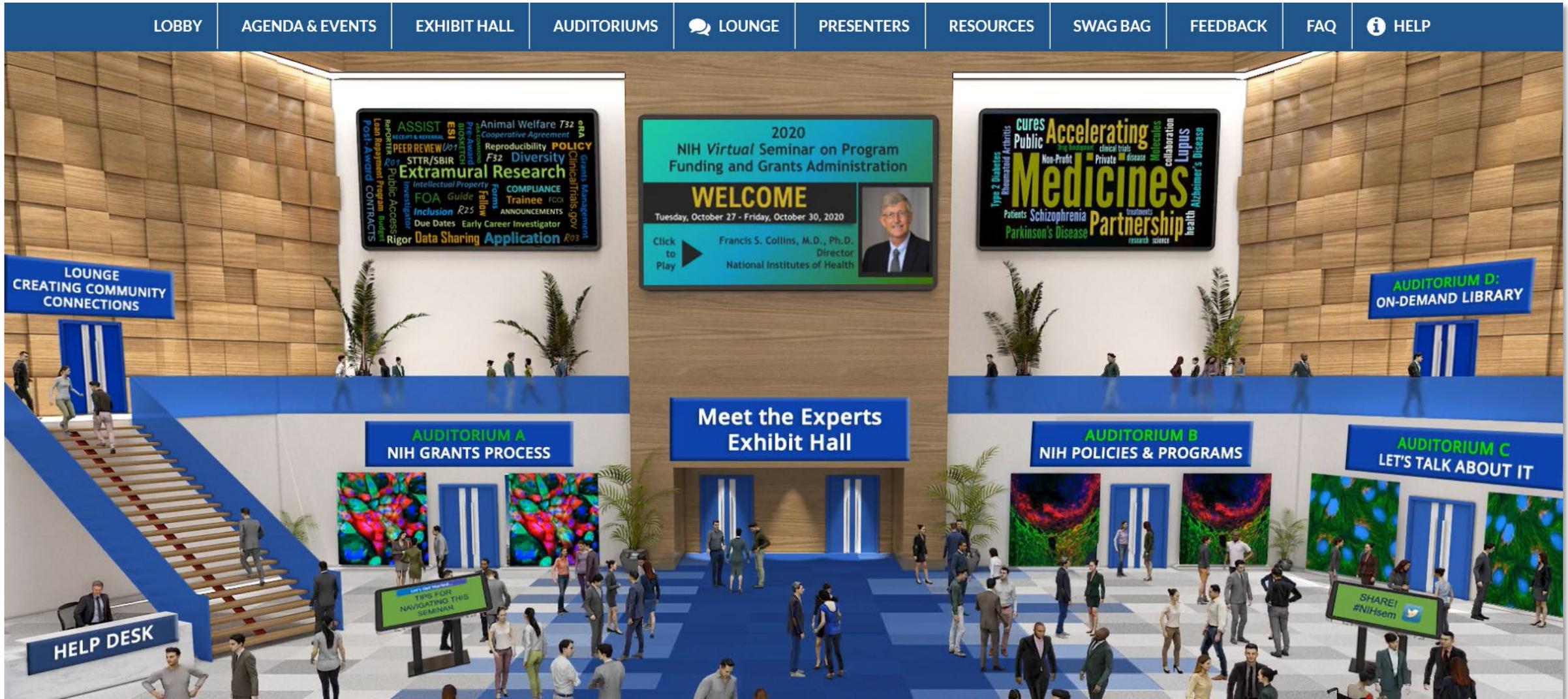
Commentary

## How Support of Early Career Researchers Can Reset Science in the Post-COVID19 World

Erin M. Gibson,<sup>1,12,\*</sup> F. Chris Bennett,<sup>2</sup> Shawn M. Gillespie,<sup>3</sup> Ali Deniz Güler,<sup>4</sup> David H. Gutmann,<sup>5</sup> Casey H. Halpern,<sup>6</sup> Sarah C. Kucenas,<sup>4</sup> Clete A. Kushida,<sup>1</sup> Mackenzie Lemieux,<sup>7</sup> Shane Liddelow,<sup>8</sup> Shannon L. Macauley,<sup>9</sup> Qingyun Li,<sup>10</sup> Matthew A. Quinn,<sup>11</sup> Laura Weiss Roberts,<sup>1</sup> Naresha Saligrama,<sup>5</sup> Kathryn R. Taylor,<sup>3</sup> Humsa S. Venkatesh,<sup>3</sup> Belgin Yalçın,<sup>3</sup> and J. Bradley Zuchero<sup>6</sup>

“The COVID19 crisis has magnified the systemic issues plaguing academic research ... often-stifling excess requirements in publication, tenure, and grant processes; the reliance on funding from national agencies that is catered towards senior level researchers; and the lack of diversity in academic research due to the attrition of women and racial or ethnic minorities during early career stages ... An unprecedented opportunity to reset ... will require a concerted effort between funding agencies, universities, and the public to rethink how we support scientists, with a special emphasis on early career researchers.”





## JUSTICE NEWS

**Department of Justice**

Office of Public Affairs

FOR IMMEDIATE RELEASE

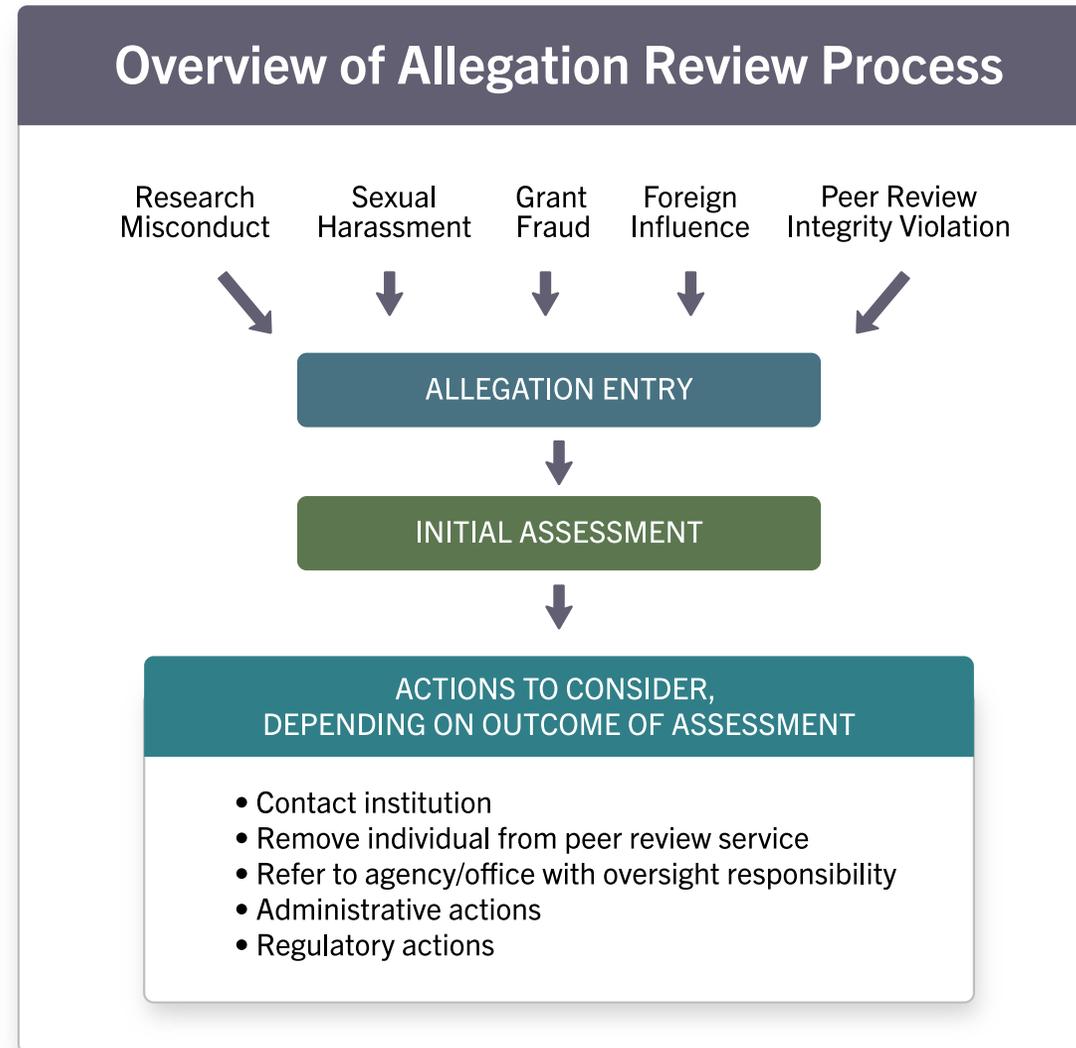
Thursday, November 12, 2020

### **University Researcher Pleads Guilty to Lying on Grant Applications to Develop Scientific Expertise for China**

A rheumatology professor and researcher with strong ties to China pleaded guilty to making false statements to federal authorities as part of an immunology research fraud scheme.

Song Guo Zheng, 58, of Hilliard, appeared in federal court today, at which time his guilty plea was accepted by Chief U.S. District Judge Algenon L. Marbley.







[Home](#) » [Policy & Compliance](#) » Protecting U.S. Biomedical Intellectual Innovation

### POLICY & COMPLIANCE

#### Policy Topics

[Protecting U.S. Biomedical Intellectual Innovation](#)

## Protecting U.S. Biomedical Intellectual Innovation

NIH and the biomedical research enterprise have a long history of International collaborations with rules of engagement that allow science to advance while also protecting intellectual capital and proprietary information of the participating countries. These rules of engagement also are designed to limit bias in the design, conduct, and reporting of NIH-supported research. This page describes actions that NIH, institutions, and researchers can take to protect U.S. biomedical intellectual innovation. The principles described here align with those announced by the [White House's Office and Science and Technology Policy in June 2020](#).

<https://grants.nih.gov/policy/protecting-innovation.htm>



## Enhancing the Security and Integrity of America's Research Enterprise

The White House Office of Science and Technology Policy

[www.whitehouse.gov/ostp](http://www.whitehouse.gov/ostp)  
[www.ostp.gov](http://www.ostp.gov)  
@WHOSTP



## Open Mike

Helping connect you with the NIH perspective, and helping connect us with yours

Posted on **October 29, 2020** by **Carrie Wolinetz**

### NIH Releases New Policy for Data Management and Sharing

Guest post by Carrie Wolinetz, Ph.D., NIH Associate Director for Science Policy, originally released on the [Under the Poliscope blog](#)

Today, nearly twenty years after the publication of the Final NIH Statement on Sharing Research Data in 2003, we have released a [Final NIH Policy for Data Management and Sharing](#). This represents the agency's continued commitment to share and make broadly available the results of publicly funded biomedical research. We hope it will be a critical step in moving towards a culture change, in which data management and sharing is seen as integral to the conduct of research. Responsible data management and sharing is good for science; it maximizes availability of data to the best and brightest minds, underlies reproducibility, honors the participation of human participants by ensuring their data is both



— Carrie Wolinetz, Ph.D.,  
Associate Director for Science  
Policy, NIH

## Open Mike

Helping connect you with the NIH perspective, and helping connect us with yours

Posted on **November 9, 2020** by **Mike Lauer**

### Introducing the Stephen I. Katz Early Stage Investigator Research Grant Program

Stephen I. Katz, M.D., Ph.D., led the National Institute of Arthritis and Musculoskeletal Diseases from 1995 until [his passing in 2018](#). Dr. Katz was a talented physician scientist, NIH leader, and civil servant throughout his career who was profoundly dedicated to mentoring and training the next cadre of scientists. During [his memorial service at NIH](#), you can see this dedication on full display. I, along with countless NIH colleagues, were blessed with Dr. Katz's mentoring and sage advice. That is why, in his honor, we are pleased to announce the publication of Funding Opportunity Announcements for the Stephen I. Katz Early Stage Investigator Research Project Grant program ([PAR-21-038](#) and [PAR-21-039](#)).



— Stephen I. Katz, M.D., Ph.D.

## NIH Operates Under a Continuing Resolution

**Notice Number:**

NOT-OD-21-009

## Key Dates

**Release Date:**

October 21, 2020

## Related Announcements

[NOT-OD-20-065](#) - Guidance on Salary Limitation for Grants and Cooperative Agreements FY 2020

[NOT-OD-20-066](#) - Notice of Legislative Mandates in Effect for FY 2020

[NOT-OD-20-068](#) - Notice of Fiscal Policies in Effect for FY 2020

[NOT-OD-20-070](#) - Ruth L. Kirschstein National Research Service Award (NRSA) Stipends, Tuition/Fees and Other Budgetary Levels Effective for Fiscal Year 2020





**electronic Research Administration**  
Office of Extramural Research

HOME

APPLICANTS

GRANTEES

REVIEWERS

REGISTER | ACCOUNTS

NEWS

[Home](#) » ERA Cloud Migration: All Systems Unavailable April 17 20 (Fri Mon)

## eRA Cloud Migration: All Systems Unavailable April 17-20 (Fri-Mon)

<https://era.nih.gov/era-cloud-migration.htm>



## Quick Search

Search

Enter just about anything to find NIH projects and funding information:  
text, PI names, project numbers, fiscal year, agency

### Welcome to the new RePORTER Preview site

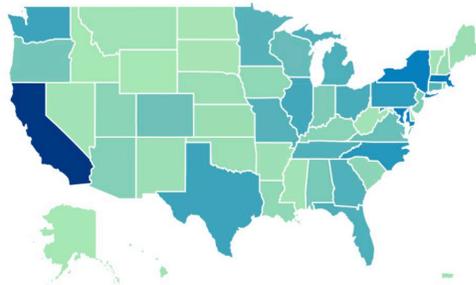
Rebuilt from the ground up, leveraging the latest technologies, to bring you an enhanced experience. Faster performance, mobile ready, and an intuitive, all-new Quick Search brings the power of NIH RePORTER to your fingertips.

Feedback

Classic RePORTER Site >

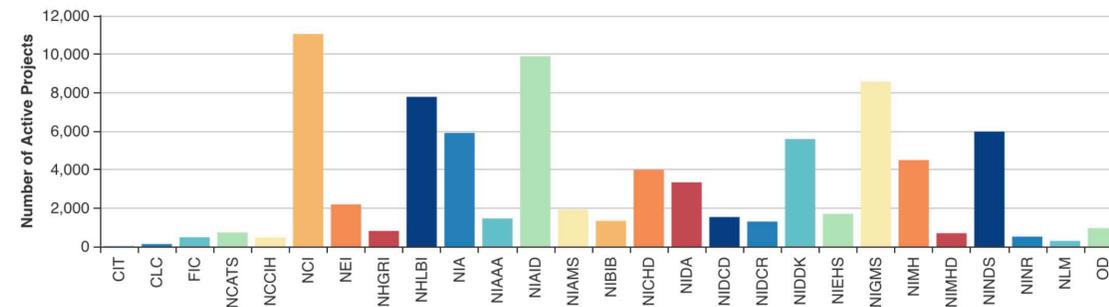
### Active Funding by State

Select a state to view projects



### Active Projects by Institute/Center

Select a bar to view projects for an Institute/Center



[Advanced Projects Search](#)

[Matchmaker](#)



- A bipolar year
  - Scientific triumphs: treatments, diagnosis, vaccines
  - Unprecedented disruptions and anxiety
  - Long-term effects evolving and unclear
- Multiple integrity concerns
- Outreach efforts in virtual world
- On the horizon: data sharing, early career

# Discussion

---

---

## *CONTACT*

Michael S. Lauer, MD

NIH Deputy Director for Extramural Research

[Michael.Lauer@nih.gov](mailto:Michael.Lauer@nih.gov)