

# Support NIH Funding in FY 2022

Sending Office: Honorable Andre Carson

Sent By: [Ryan.Shay@mail.house.gov](mailto:Ryan.Shay@mail.house.gov)

Request for Signature(s)

## Support the National Institutes of Health (NIH) in FY 2022

Deadline: COB Friday April 23rd

To sign on, please fill out [THIS FORM](#)

Dear Colleague:

Please join us in sending our FY'22 appropriations programmatic request letter to the Labor, Health and Human Services, Education and Related Agencies Appropriations (LHHS) Subcommittee in support of funding for the National Institutes of Health (NIH), by **COB April 23rd**.

To join the letter, please use [THIS FORM](#).

If you have any further questions, please contact:

Ryan Shay ([ryan.shay@mail.house.gov](mailto:ryan.shay@mail.house.gov)) with Rep. André Carson

Kirsten Wing ([kirsten.wing@mail.house.gov](mailto:kirsten.wing@mail.house.gov)) with Rep. David McKinley

Kyle Hill ([kyle.hill@mail.house.gov](mailto:kyle.hill@mail.house.gov)) with Rep. Suzan DelBene

Joseph Knowles ([joseph.knowles@mail.house.gov](mailto:joseph.knowles@mail.house.gov)) with Rep. Brian Fitzpatrick

### **LETTER TEXT**

April XX, 2021

The Honorable Rosa DeLauro

Chairwoman

Subcommittee on Labor, Health and Human Services, Education, and Related Agencies

Committee on Appropriations

H-307, the Capitol

Washington, D.C. 20515

The Honorable Tom Cole

Ranking Member

Subcommittee on Labor, Health and Human Services, Education, and Related Agencies

Committee on Appropriations

1016 Longworth House Office Building

Washington, D.C. 20515

Dear Chairwoman DeLauro and Ranking Member Cole:

As Members of Congress who value the critical role the National Institutes of Health (NIH) plays in better health outcomes, job creation, education, and economic growth, we respectfully request that the program level for the agency in Fiscal Year (FY) 2022 should be at least \$46.1 billion, \$3.2 billion above the final FY21 funding level, to reflect the rich research opportunities to improve the health of patients everywhere. The importance of NIH's work has become more clear than ever during the COVID-19 pandemic. As the research enterprise works to recover from pandemic related disruptions and renew efforts to address the unprecedented

scientific opportunity across all disease areas, it is critical that the United States make forward-thinking investments that promote medical breakthroughs, prepare for future pandemics, and sustain our international leadership in biomedical research.

In the last few years, medical research has led to new therapies that are transforming patient care for diseases such as sickle cell disease, cystic fibrosis, and through the use of CAR-T cells, certain types of cancer. NIH-funded researchers, working in concert with the private sector, were also able to transform this existing infrastructure into novel diagnostics, therapeutics, and vaccines to combat COVID-19. Providing \$46.1 billion for the NIH would build on the recent steady, sustained increases for the NIH since FY 2015 that have made such accomplishments possible. We are at the tip of the iceberg of new life-saving innovations. Imagine what we can accomplish with continued robust investments in medical research, from making strides to combat antimicrobial resistance, to harnessing the power of personalized medicine to treat disease, and more. The critical investments we make in biomedical research are our nation's best hope in finding cures, prevention measures, and treatments for diseases that affect millions of Americans. For these reasons, nearly 400 organizations representing patients, scientists, health professionals, educators, institutions, and industry support this funding recommendation.

The agency conducts research that is too expensive and risky for private industry to undertake alone. Noncommercial basic and clinical research funded by NIH, coupled with private sector innovation, has led to major achievements in our understanding of rare diseases and disorders, as well as historically prevalent diseases like cancer, Alzheimer's, heart disease and Parkinson's. In addition to bettering the lives of millions, NIH funding supports over 300,000 non-federal scientists and technical personnel at 2,500 research universities and facilities nationwide. Their work drives the demand for medical supplies and research equipment. NIH funding ripples far beyond its headquarters in Bethesda, Maryland, to benefit manufacturers and suppliers in every state and many U.S. territories. In light of the difficult budget decisions you face, we want to stress the importance of NIH not only as a research agency improving the health of all Americans, but also as a job creator, driver of economic growth, and a vital tool in curbing our nation's soaring healthcare costs.

We appreciate your consideration of our request to provide at least \$46.1 billion in funding for NIH in FY 2022.

Sincerely,

André Carson  
Member of Congress

David B. McKinley P.E.  
Member of Congress

Suzan DelBene  
Member of Congress

Brian Fitzpatrick  
Member of Congress

# Support CDC in FY22 Appropriations

Sending Office: Honorable Mike Levin  
Sent By: [Faith.Williams@mail.house.gov](mailto:Faith.Williams@mail.house.gov)

Request for Signature(s)

To sign, [please fill out this form](#) by COB on Friday, April 23.

*[Endorsed by members of the CDC Coalition](#)*

Dear Colleague,

Please join us in requesting \$10 billion for Centers for Disease Control and Prevention (CDC) programs in Fiscal Year 2022 appropriations.

CDC is the backbone of the United States public health system, with a mission to “work 24/7 to protect the safety, health, and security of America from threats here and around the world.” Through CDC, resources reach local, state, territorial, and tribal public health agencies and support their life-saving work in communities across our nation.

Establishing and maintaining solid public health systems allows health departments to prevent, protect, respond, and recover from events and reduce human and financial tolls. While recent emergency funding has supported efforts to defeat COVID-19, we must provide stable, sufficient public health preparedness funding to allow our state and local health departments to maintain a standing set of core capabilities, so they are ready when needed, regardless of the next challenge or threat.

We hope you will join us in sending this request to the House Appropriations Committee. To sign, [please fill out this form](#) by COB on Friday, April 23. If you have questions, please email [Faith.Williams@mail.house.gov](mailto:Faith.Williams@mail.house.gov) (Rep. Levin).

Sincerely,

Mike Levin  
Member of Congress

David B. McKinley P.E.  
Member of Congress

Nikema Williams  
Member of Congress

John Katko  
Member of Congress

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Dear Chairwoman DeLauro and Ranking Member Cole:

As you begin work on the Fiscal Year (FY) 2022 appropriations process, we write to respectfully request that you provide at least \$10 billion for Centers for Disease Control and Prevention (CDC) programs, an increase of \$2.1 billion over FY2021. These science-based, data-driven activities are critical to protecting the health of all of our communities and deserve greater sustained support to address the many ongoing public health challenges we face.

CDC is the backbone of the United States public health system, with a mission to “work 24/7 to protect the safety, health, and security of America from threats here and around the world.”<sup>11</sup> Through CDC, resources reach local, state, territorial, and tribal public health agencies and support their life-saving work in communities across our nation. Establishing and maintaining solid public health systems allows health departments to prevent, protect, respond, and recover from events and reduce human and financial tolls. While recent emergency funding has supported efforts to defeat COVID-19, we must

provide stable, sufficient public health preparedness funding to allow our state and local health departments to maintain a standing set of core capabilities, so they are ready when needed, regardless of the next challenge or threat.

The investment we request would help support a variety of public health imperatives, such as:

- Defending against infectious disease. Over the course of the COVID-19 pandemic, CDC has monitored and studied the SARS-CoV-2 virus worldwide and helped communities respond, including by deploying staff locally, investigating outbreaks and publishing their findings, sequencing variants, and providing public health recommendations guidance for clinicians, public health departments and the public. CDC also works to protect people from other viruses like influenza, human immunodeficiency virus (HIV), measles, rabies, and Ebola; bacteria that are resistant to antibiotics like methicillin-resistant *Staphylococcus aureus* (MRSA) and *C. difficile*; and countless other infectious diseases. These efforts include using advanced molecular detection to track outbreaks, helping health departments effectively use surveillance data, funding school-based health education programs, and investing in disease intervention specialists.
- Preventing chronic disease. Chronic diseases represent seven of the 10 leading causes of death,<sup>[2]</sup> and account for 90 percent of the nation's \$3.8 trillion in annual health care costs.<sup>[3],[4]</sup> Many of these diseases can be prevented by eating well; being physically active; avoiding tobacco, excessive drinking, and injury; and getting regular health screenings. CDC collects data on chronic diseases and their risk factors to inform prevention and control, studies interventions and supports communities in implementing them, and provides resources to educate communities on how to reduce risk factors. This work is rooted in addressing social determinants of health, which contribute to perpetual racial, ethnic, and socioeconomic disparities. CDC's Tips from Former Smokers campaign has helped one million people quit smoking, over 400,000 people have participated in the National Diabetes Prevention Program, and the National Breast and Cervical Cancer Early Detection Program has served more than 5.6 million women.<sup>[5]</sup> CDC grants also help states increase the number of students who consume nutritious foods, design communities to make physical activity safer and more convenient, and expand and sustain education programs.
- Protecting against environmental hazards. CDC prevents illness and death related to environmental hazards, researches the effects of the environment on health, surveils environment-related health problems, and prepares and responds to environmental emergencies. Recent accomplishments include confirming higher per- and polyfluoroalkyl substances (PFAS) exposures in communities near military bases, improving our understanding of potential links between pesticide exposures and children's behavior, and identifying contaminants in fish from the Great Lakes. Funding from CDC's National Center for Environmental Health supports state and local asthma control plans, childhood lead poisoning prevention activities, environmental health tracking, safe water programs, and more. CDC's environmental health efforts also span cruise ship sanitation, foodborne illness, radiation, mold, climate adaptation, natural disasters and severe weather, chemical weapons elimination, and air quality.
- Preventing injuries and violence. CDC researches, employs, and funds strategies to prevent injuries, the leading cause of death for individuals between one and 45 years old. For example, the Domestic Violence Prevention Enhancement and Leadership Through Alliances Impact program funds state coalitions and local communities to reduce intimate partner violence. CDC also has played a leading role in addressing the opioid and drug overdose epidemics through research, monitoring, and funding and support for state and local response and prevention activities, such as the Drug-Free Communities program which supports community coalitions that reduce youth substance use. Youth Violence Prevention Centers have demonstrated success through innovative interventions such as mowing and planting community gardens on vacant properties, cultivating positive racial identity, and supporting parents in disadvantaged neighborhoods. CDC also works to prevent dozens of other injuries such as suicide, child abuse and neglect, traumatic brain injury, older adult falls, burns, drowning, and motor vehicle accidents.

These represent just a small sample of the countless CDC programs that safeguard and improve our constituents' lives and provide critical resources to support the essential work of our state, territorial, local and tribal public health agencies.

Members of Congress have traditionally supported a wide variety of programs within CDC, each with its own merits, but the agency remains woefully underfunded. While we all recognize that the fiscal climate presents challenges, the cost of unmitigated disease is far greater than that of investments in prevention and response. Again, we urge you to provide at least \$10 billion for CDC in FY2022 – a level also supported by nearly 200 organizations representing of public health workers, researchers, clinicians, educators, and patients. Now, more than ever, it is critical to have a strong and modern national public health surveillance system that detects and facilitates immediate response to, and containment of, emerging health threats. Thank you for your consideration of this request.

Sincerely,

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<sup>[1]</sup> Centers for Disease Control and Prevention, <https://www.cdc.gov/about/24-7/index.html>

<sup>[2]</sup> Centers for Disease Control and Prevention, <https://www.cdc.gov/nchs/fastats/leading-causes-of-death.htm>

<sup>[3]</sup> Rand Corporation, [https://www.rand.org/content/dam/rand/pubs/tools/TL200/TL221/RAND\\_TL221.pdf](https://www.rand.org/content/dam/rand/pubs/tools/TL200/TL221/RAND_TL221.pdf)

<sup>[4]</sup> Health Affairs, <https://www.healthaffairs.org/doi/10.1377/hlthaff.2020.02022>

<sup>[5]</sup> Centers for Disease Control and Prevention, <https://www.cdc.gov/chronicdisease/programs-impact/impacts.htm>

# Support funding for the National Science Foundation (NSF) in Fiscal Year (FY) 2022

Sending Office: Honorable David B. McKinley

Sent By: [Kaitlin.Brown@mail.house.gov](mailto:Kaitlin.Brown@mail.house.gov)

Request for Signature(s)

Support funding for the National Science Foundation (NSF) in Fiscal Year (FY) 2022

**This is a programmatic request**  
**Submission instructions will be provided**

**Supported by: Coalition for National Science Funding (CNSF)**

**DEADLINE: Friday, April 23, 2021 at 7 p.m.**  
**To sign on, please complete [THIS FORM](#)**

Dear Colleague:

We urge you to join us in sending the attached letter to the Chairman and Ranking Member of the Commerce, Justice, Science, and Related Agencies Appropriations Subcommittee to request that the National Science Foundation (NSF) receive at least \$10 billion in funding for Fiscal Year (FY) 2022.

Millions of American lives are improved by the research and inventions made possible from the NSF. And as of recently, we are all kept safer through advanced viral screening of SARS-CoV-2 to help navigate the challenges of the COVID-19 pandemic. At home, which has doubled as a workplace for many Americans over the past year, we have benefitted from the ability to communicate with clients and businesses using high-definition video conferencing. NSF research funding makes those types of breakthroughs possible because the NSF is the only federal agency that supports essential education and research across all science and engineering fields.

Investing in the NSF is critical to our nation remaining competitive in the global economy. According to the National Science Board's (NSB) Vision 2030 report competitor nations continue to make great advancements in science and technology due to their significant investment in Research & Development (R&D) where the United States share of global spending has decreased significantly and U.S. K-12 mathematics and science scores are well below other nations and remains stagnant. Given these findings, it is essential for the United States to invest in NSF's education programs, including K-12 STEM education, undergraduate and graduate education and training, and informal education programs.

We respectfully request your support to ensure that the NSF receives at least \$10 billion for Fiscal Year (FY) 2022. We feel this amount is the minimum level of funding needed to prepare future generations to help our nation remain a world economic leader and to reflect the rising costs of research. To sign on, please complete [THIS FORM](#). Should you have any questions, please contact AJ Malicdem in Representative Butterfield's office at [aj.malicdem@mail.house.gov](mailto:aj.malicdem@mail.house.gov) or Katie Brown in Representative McKinley's office at [kaitlin.brown@mail.house.gov](mailto:kaitlin.brown@mail.house.gov). **The deadline to sign the letter is April 23, 2021 at 7:00 p.m.**

Thank you very much.

Very truly yours,

G. K. BUTTERFIELD  
Member of Congress

DAVID B. MCKINLEY, P.E.  
Member of Congress

**Congress of the United States**  
**Washington, DC 20515**

April XX, 2021

The Honorable Matt Cartwright  
Chairman  
Subcommittee on Commerce, Justice,  
Science, and Related Agencies  
H-310, The Capitol  
Washington, D.C. 20515

The Honorable Robert B. Aderholt  
Ranking Member  
Subcommittee on Commerce, Justice,  
Science, and Related Agencies  
1036 Longworth House Office Building  
Washington, D.C. 20515

Dear Chairman Cartwright and Ranking Member Aderholt:

We write to respectfully request that the National Science Foundation (NSF) receive an appropriation of at least **\$10 billion** in the Fiscal Year (FY) 2022 Commerce, Justice, Science, and Related Agencies Appropriations bill.

The NSF is an independent federal agency created by Congress to promote the progress of science, secure the national defense, and to advance the nation's health, prosperity, and welfare. It is also the only federal research agency that supports fundamental research in these important fields – biology, computer science, economics, engineering, educational research, geosciences, mathematics, and social and behavioral sciences. The scientific research and educational programs supported by NSF are integral to the continued success of America's innovation enterprise.

Over one year has passed since the beginning of the COVID-19 pandemic. The NSF worked to find innovative solutions that have helped communities, businesses, and individuals navigate the challenges of the pandemic. Importantly, the NSF played a crucial role in funding research behind critical diagnostic tools and medical devices used to combat the pandemic. For example, the NSF-funded discovery of bacteria that contains thermostable enzymes that allow for the rapid copying of genetic material through a process called Polymerase Chain Reaction (PCR). This process was integral to manufacturing a widely used test that identifies whether a patient has been infected with SARS-CoV-2 with only a small amount of genetic material through a nasal swab. This example clearly demonstrates the importance of investing significantly in the NSF.

Additionally, NSF-funded research has supported technological advancements in artificial intelligence, advanced manufacturing, quantum information sciences, wireless broadband connectivity, and engineering biology. It has also funded research that addresses the challenges in Science, Technology, Engineering, and Math (STEM) education to ensure that students can adapt to meet future workforce needs. Many more examples of the impact of NSF-funded research are available in the second edition of [Transforming the World Through Science](#).

For the United States to remain a global leader in scientific research, engineering, and technology development, the nation must provide greater investment in its people, including women and racial and ethnic minorities, through NSF support programs such as NSF INCLUDES and Established Program to Stimulate Competitive Research (EPSCoR). Based on

projections from the U.S. Census and Bureau of Labor and Statistics (BLS), the number of women and ethnic minorities must more than double the 2020 U.S. science & engineering workforce to be representative of the nation's population in 2030. It is essential for the United States to continue to invest in NSF's education programs, including K-12 STEM education, undergraduate and graduate education and training, and informal education programs for us to meet this goal. NSF also must prioritize investment in Research & Development (R&D). According to the National Science Board (NSB) Vision 2030 report, competitor nations continue to make great advancements in science and technology due to their significant investment in R&D where the United States share of global R&D spending has decreased from 37% to 25% between 2000 and 2017. The NSB expects China to surpass the United States in R&D investments in the near future. To remain globally competitive, the United States must continue to invest in fundamental scientific research, like the research that NSF funds, across the scientific disciplines.

One out of every four basic research projects at higher learning institutions across the United States is supported by the NSF. All NSF grant proposals are critically reviewed to ensure they meet the intellectual merit and broader impacts criteria. The NSF's expert merit review process is the international gold-standard for the review and evaluation of grant proposals and relies upon the expertise and knowledge of leading scientists and engineers to ensure that the best research is being funded across the scientific disciplines. Full funding of the NSF will enable an additional 44,000 researchers, including teachers and students nationwide, to address some of our society's most pressing concerns through almost 11,000 competitive awards and 8,100 research grant awards.

For these reasons, we respectfully request your support to ensure that the National Science Foundation receive **at least \$10 billion** for Fiscal Year (FY) 2022. This amount is the minimum level of funding needed to ensure future generations of Americans are prepared to help our nation remain the world economic leader.

Thank you very much.

Very truly yours,

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G. K. Butterfield  
Member of Congress

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David B. McKinley, P.E.  
Member of Congress

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Member of Congress