



November 2, 2021

The Honorable Patrick Leahy
Chairman
Committee on Appropriations
U.S. Senate
Washington, DC 20510

The Honorable Richard Shelby
Vice Chairman
Committee on Appropriations
U.S. Senate
Washington, DC 20510

The Honorable Rosa DeLauro
Chair
Committee on Appropriations
U.S. House of Representatives
Washington, DC 20515

The Honorable Kay Granger
Ranking Member
Committee on Appropriations
U.S. House of Representatives
Washington, DC 20515

Dear Chairman Leahy, Vice Chairman Shelby, Chair DeLauro, and Ranking Member Granger:

On behalf of the Coalition for National Science Funding (CNSF) – an alliance of 137 professional organizations, scientific societies, universities, and businesses united in our advocacy for the National Science Foundation (NSF) – we write in strong support of a robust FY 2022 funding level for the National Science Foundation. **Thank you for your efforts to increase funding for NSF in FY 2022 appropriations.** We are grateful to see that both the House and Senate bills would provide substantial support for NSF. NSF investments are key to bolstering U.S. innovation and competitiveness by funding highly meritorious curiosity-driven research; building and fostering U.S. STEM education and workforce programs; supporting cutting-edge facilities that enable the work of scientists and engineers; and addressing the most pressing issues of our time.

In April we asked Congress to provide at least \$10 billion for NSF to set the agency on a course to advance domestic innovation and to keep pace with investments other countries are making in research and development. We are in a critical time, with myriad challenges that include the ongoing pandemic, climate change, supply chain disruptions, and an increased focus by competing nations on emerging technologies. NSF is a central part of the solution.

Given the need to sustain and increase funding for agency programs, **we urge appropriators to approve at least \$9.634 billion, as would be provided to NSF in the House FY 2022 Commerce, Justice, Science bill.** Congress has significant interest in ensuring that NSF funds priority areas, including technologies that will be key to our national competitiveness. NSF needs enough

funding to meet the massive scale of global challenges we face and fulfill Congress's vision for U.S. leadership in science and technology.

To accomplish this, Congress must also ensure NSF protects core activities that form the foundation of our science and engineering ecosystem. The Coalition urges adequate funding in Research and Related Activities to enable the creation of the new Directorate for Technology, Innovation, and Partnerships and Administration priority areas while balancing the needs of other critical activities. We also strongly encourage Congress to support the House-proposed funding level for Education and Human Resources, which will enable NSF to boost funding for broadening participation programs while also protecting the education research programs that are addressing the impact of lost instructional time from the pandemic, innovating to ensure our K-12 and undergraduate education systems can meet the needs of teachers and learners in a rapidly changing world. Even with the increases proposed in the House and Senate bills, NSF would face difficult trade-offs that could undercut critical agency programs. For example, despite appearing to increase, funding for existing education research programs may receive significantly less funding from FY 2021 in the proposed Senate legislation due to the agency's plan to move the Graduate Research Fellowships Program into EHR in FY 2022.

We are thankful for the bipartisan support that members of Congress have shown NSF. We hope to see this support continue with strong funding for NSF in FY 2022 appropriations and through other legislation.

Sincerely,

The Coalition for National Science Funding (CNSF)

American Anthropological Association
 American Association for the Advancement of Science
 American Association of Geographers
 American Association of Physicists in Medicine (AAPM)
 American Association of Physics Teachers
 American Astronomical Society
 American Chemical Society
 American Crystallographic Association
 American Educational Research Association
 American Geophysical Union
 American Institute of Biological Sciences
 American Institute for Medical and Biological Engineering (AIMBE)
 American Mathematical Society
 American Physical Society
 American Physiological Society
 American Political Science Association
 American Psychological Association
 American Society of Agronomy
 American Society of Civil Engineers
 American Society for Engineering Education
 American Society of Mechanical Engineers
 American Society for Microbiology
 American Society for Pharmacology and Experimental Therapeutics
 American Society of Plant Biologists
 American Sociological Association
 American Statistical Association
 Arizona State University
 Association for Psychological Science
 Association for Women in Mathematics
 Association of American Medical Colleges
 Association of American Universities
 Association of Public and Land-grant Universities
 Association of Science and Technology Centers (ASTC)
 Atlanta University Center Consortium
 Battelle
 Biophysical Society
 Boise State University
 Boston University
 Brandeis University
 Brown University
 Caltech
 Cavarocchi Ruscio Dennis Associates
 Coalition for Academic Scientific Computation
 Columbia University
 Computing Research Association
 Consortium of Social Science Associations
 Cornell University
 Council of Graduate Schools
 Council of Scientific Society Presidents
 Council on Undergraduate Research
 Crop Science Society of America
 Dartmouth College
 Duke University
 Ecological Society of America
 Entomological Society of America
 Eversole Associates
 Federal Science Partners
 Federation of Associations in Behavioral & Brain Sciences
 Florida State University
 Forge Policy Solutions
 Geological Society of America
 George Mason University
 Georgia Institute of Technology
 Harvard University
 IEEE-USA
 Incorporated Research Institutions for Seismology (IRIS)
 Indiana University
 Lehigh University
 Lewis-Burke Associates LLC
 Linguistic Society of America
 Massachusetts Institute of Technology
 Mathematical Association of America
 Materials Research Society
 Michigan State University
 Michigan Technological University
 Mineralogical Society of America
 Museum of Science, Boston
 National Association of Marine Laboratories
 National Communication Association
 National Postdoctoral Association
 Natural Science Collections Alliance
 New York University
 Northeastern University
 Northern Illinois University
 Optica (formerly OSA), Advancing Optics and Photonics Worldwide
 Pennsylvania State University
 Population Association of America
 Princeton University
 PsySiP: Psychology of Science in Policy Research!America
 Rutgers, The State University of New Jersey
 SACNAS
 SAGE Publishing
 Saint Louis University
 Silicon Valley Leadership Group
 Society for Industrial and Applied Mathematics
 Society for Industrial and Organizational Psychology

Society for Neuroscience
Society for Research in Child Development
Society for the Psychological Study of Social Issues
(SPSSI)
Soil Science Society of America
SPIE
Stevens Institute of Technology
Stony Brook University
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Tufts University
UCLA
UNAVCO
University of California System
University of Cincinnati
University of Colorado Boulder
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University of Wisconsin-Madison
US Ignite
Vanderbilt University
Virginia Commonwealth University
Washington State University
West Virginia University
Woods Hole Oceanographic Institution
Worcester Polytechnic Institute (WPI)
Yale University