



Testimony for the Record

Submitted to the United States Senate Committee on Appropriations

Hearing on “Driving Innovation Through Federal Investments”

April 29, 2014

By

Coalition for National Science Funding

Chairwoman Mikulski, Ranking Member Shelby, and members of the Committee, the Coalition for National Science Funding (CNSF) is an organization of over one hundred and forty science, engineering, and mathematical societies, universities, and other professional organizations that advocate for the National Science Foundation (NSF). CNSF thanks you for your past support of NSF and for holding this hearing.

CNSF strongly endorses a FY 2015 National Science Foundation (NSF) budget of at least \$7.5 billion, which is less than the inflation-adjusted FY 2010 level.

NSF is critical to America’s ability to compete globally in technological innovation. Faced with ever-increasing international competition, maintaining U.S. scientific leadership requires continued robust investments in the NSF.

NSF is the only federal agency that supports research and education across all fields of science, engineering, and mathematics and at all educational levels. Research and education programs supported by NSF help increase and develop the knowledge base needed for pushing the frontiers of science, mathematics, and engineering disciplines; contribute to the development of the future science and technology workforce; underpin new fields of inquiry; promote interdisciplinary research and education; all of which facilitate technological innovation.

Even under tight budget constraints, it is important for NSF to have steady budget levels that demonstrate real growth. Dependable funding levels will enable the Foundation and the scientific and engineering communities to plan, develop infrastructure, maintain a steady

The Coalition for National Science Funding (CNSF) is an alliance of over 140 professional societies, universities, and corporations advocating support for the National Science Foundation.

pipeline of graduate and postdoctoral students, and have feasible expectations of making new discoveries. A predictable pattern of funding will facilitate a continuous stream of high level research and researchers that in turn will support the level of technological development needed for economic growth.

We ask the Committee to strongly consider providing a FY 2015 NSF budget of at least \$7.5 billion. Real growth investments in NSF, a cornerstone of America's research enterprise, are absolutely critical to the nation's economic health and global competitiveness. CNSF thanks you for considering this request.

Coalition for National Science Funding Members

Afterschool Alliance
American Anthropological Association
American Association for the Advancement of Science
American Association for Dental Research
American Association of Physics Teachers
American Astronomical Society
American Chemical Society
American Educational Research Association
American Geosciences Institute
American Geophysical Union
American Institute for Medical and Biological Engineering
American Institute of Biological Sciences
American Institute of Physics
American Mathematical Society
American Physical Society
American Physiological Society
American Political Science Association
American Psychological Association
American Society for Biochemistry and Molecular Biology
American Society for Engineering Education
American Society for Microbiology
American Society of Agronomy
American Society of Civil Engineers
American Society of Mechanical Engineers
American Society of Plant Biologists
American Sociological Association
American Statistical Association
Arafune Government Relations Group
Arctic Research Consortium of the U.S. (ARCUS)
Associated Universities, Inc.
Association for Psychological Science
Association for the Sciences of Limnology & Oceanography
Association for Women in Mathematics
Association for Women in Science
Association of American Geographers
Association of American Medical Colleges
Association of American Universities
Association of Environmental & Engineering Geologists
Association of Public and Land-grant Universities
Association of Research Libraries
Association of Science-Technology Centers
Association of Universities for Research in Astronomy, Inc. (AURA)
Association of University Research Parks
The Bagley Group, LLC
Biophysical Society
Boise State University
Boston University
Brown University
California Institute of Technology
Cavarocchi Ruscio Dennis Associates, LLC
Coalition for Academic Scientific Computation
Coastal and Estuarine Research Federation
Columbia University
Computing Research Association
Consortium for Ocean Leadership
Consortium of Social Science Associations
Consortium of Universities for the Advancement
of Hydrologic Science
Cornell University
Council of Graduate Schools
Council of Scientific Society Presidents
Council on Food, Agricultural and Resource Economics
Council on Undergraduate Research
Crop Science Society of America
Duke University
Earthquake Engineering Research Institute
Ecological Society of America
Entomological Society of America
Federation of American Societies for Experimental Biology
Federation of Associations in Behavioral & Brain Sciences
Federation of Materials Societies
Genetics Society of America
Geological Society of America
Georgia Institute of Technology
Harvard University
Human Factors and Ergonomics Society
IRIS Consortium
Indiana University
Institute of Electrical and Electronics Engineers (IEEE-USA)
Lewis-Burke Associates LLC
Linguistic Society of America
Madison Associates LLC
George Mason University
Massachusetts Institute of Technology
Materials Research Society
Mathematical Association of America
Michigan State University
Museum of Science, Boston
MWW Group
National Association of Marine Laboratories (NAML)
National Communication Association
National Council for Science and the Environment
National Ecological Observatory Network (NEON)
National Ground Water Association
National Postdoctoral Association
National Science Teachers Association
National Society of Professional Engineers
North Carolina State University
Northwestern University
The Ohio State University
The Oldaker Group, LLC
Optical Society of America
Oregon State University
Ornithological Council
Pennsylvania State University
Population Association of America/Association of Population Ctrs
Princeton University
Rensselaer Polytechnic Institute
Research!America
Rowan University
Rutgers, The State University of New Jersey
Seismological Society of America
Semiconductor Industry Association
Society for American Archaeology
Society for Industrial and Applied Mathematics
Society for Neuroscience
Society for Research in Child Development
Soil Science Society of America
SPIE
State University of New York System (SUNY)
State University of New York at Stony Brook
Stevens Institute of Technology
Texas Tech University
Tufts University
UNAVCO
University Corporation for Atmospheric Research
University of California
University of Chicago
University of Cincinnati
University of Colorado, Boulder
University of Florida
University of Illinois
University of Michigan
University of New Mexico
University of New Orleans
University of Pennsylvania
University of South Carolina
University of Wisconsin
Vanderbilt University
Washington State University
Washington University in St. Louis
Wells Consulting
West Virginia University
Woods Hole Oceanographic Institution