United States Senate  
Washington, DC  20510

Dear Senators:

As representatives of U.S. science, engineering, and higher education organizations, we write to you in strong support for the federal research and development budget of the National Science Foundation (NSF), and its mission—created over 60 years ago—to advance research across a broad spectrum of disciplines, research that has fueled American economic growth for decades.

NSF is unique among federal agencies in that it supports all disciplines in a balanced portfolio that uses the scientific peer review system as the foundation for awarding research grants based on merit.

As you prepare to debate the Commerce, Justice and Science (CJS) appropriations bill for fiscal year 2013, the undersigned organizations urge you to reject attempts to reduce funding for NSF. We also stand in strong opposition to legislative attempts to micromanage NSF and undermine the merit review process by singling out specific programs for elimination as recently occurred in the House.

In 2006, Alan Leshner, CEO of the American Association for the Advancement of Science, testified before the Senate in support of NSF research: “Every major issue facing modern society and every major issue facing our economic competitiveness will ultimately be multidisciplinary in nature...[requiring] the integration of the physical sciences or biological sciences with the social and behavioral sciences.”

We recognize the challenge that our nation faces in addressing the deficit and revitalizing our national economy. However, eliminating support for specific disciplines, such as the House did with respect to political science, sets a dangerous precedent that, in the end, will inhibit scientific progress and restrain our international competitiveness economically and with regard to national security. Congress should exercise its oversight responsibilities, but second-guessing the scientific process could have a chilling effect on scientists and young people considering a future in science. The country cannot afford to lose the incredible talent, experience, and energies of its scientists, regardless of their discipline.

Therefore, the undersigned organizations again urge you to protect the integrity of the scientific enterprise by ensuring that the NSF and its independent scientific panels determine where the best scientific opportunities are and how to absorb any potential reductions to its budget. Allocating federal investments competitively through scientific merit review is the very process that has led this country to be the world leader in science. We encourage you to provide Congressional oversight by protecting that process rather than allowing others to threaten critical contributions to our innovative spirit and knowledge base.

Thank you for your time and consideration.
Any questions about this letter should be directed to Sam Rankin at 202-588-1100 or smr@ams.org