



POSITION STATEMENT

DEPARTMENT OF DEFENSE SCIENCE AND TECHNOLOGY

*Adopted by the IEEE-USA
Board of Directors, 19 November 2010*

The Institute of Electrical and Electronics Engineers-United States of America (IEEE-USA) strongly supports the Department of Defense (DoD) Science and Technology (S&T) program, which includes Basic and Applied Research (6.1-6.2), and Advanced Technology Development (6.3), in its budget.

DoD's S&T program helps sustain U.S. military superiority through technological superiority. DoD supports research in U.S. universities that is the bridge between fundamental science and future military applications. It trains future engineers and scientists in critical disciplines, such as electrical engineering, computer science and mathematics. Further, DoD research funding builds and sustains the S&T work force of U.S. citizens working in defense and security. The S&T program also funds research in federal, academic and industrial laboratories that focus on technologies to support future defense applications. This focus on long-term research leads to revolutionary advances in military capability, and it has resulted in civilian applications with major benefit to the general public.

IEEE-USA recommends that Congress and the executive branch of the federal government work to:

- Provide a minimum of a 2% annual real funding growth increase each year, through Fiscal Year 2016, in Basic Research, from the FY 2011 President's Budget Request of \$2.0 billion
- Maintain funding for the combination of Applied Research (6.2) and Advanced Technology (6.3) at or above the FY 2011 President's Budget Request levels each year through FY 2015
- Increase support for the best and brightest researchers through support of such competitive scholarship programs as the Science, Mathematics and Research for Transformation (SMART) Program, and the National Defense Science and Engineering Graduate Fellowship Program

This statement was developed by the IEEE-USA Research & Development Policy Committee and represents the considered judgment of a group of U.S. IEEE members with expertise in the subject field. IEEE-USA advances the public good and promotes the careers and public policy interests of more than 210,000 engineers, scientists and allied professionals who are U.S. members of IEEE. The positions taken by IEEE-USA do not necessarily reflect the views of IEEE, or its other organizational units.