The Defense Science and Technology (S&T) program invests in and develops capabilities that advance the technical superiority of the U.S. military to counter new and emerging threats. Whether it is developing weapon systems, defensive counter measures or technologies used to heal the wounded, the Defense S&T program is how the U.S. maintains worldwide military technical supremacy.

Among its various components, the Defense S&T program funds the Department of Defense’s (DoD) basic research programs. Basic research enables discoveries that can ultimately be turned into new military capabilities. If the U.S. is to maintain its technical advantage, we must invest in the basic research that will provide the military with the capabilities to overmatch our adversaries.

CNSR advocates robust funding at 4% growth for the Defense S&T program across all branches of the military, including basic research programs such as University Research Initiatives, University and Industry Research Centers and Basic Research Initiatives.

CNSR also advocates for the important work of the Defense Advanced Research Projects Agency (DARPA) in funding high-risk high-reward research that has led to significant technological advances.

It is vital to the health of the overall industrial base that DoD support innovative manufacturing research and education. Consequently, the coalition supports strong funding levels for the National Defense Education Program (NDEP), Defense-Wide Manufacturing Science and Technology (S&T) Program and Manufacturing Engineering Education Program (MEEP).

To learn more about CNSR including authorization and appropriations priorities, please visit: cnsr4research.org.

NUMBERS OF NOTE

- Approx. 69% of DoD RDT&E is conducted extramurally.
- Industry performs about 61% of DoD-sponsored RDT&E.
- Academia & non-profits perform about 60% of DoD-sponsored basic research.
- Academia performs about 26% of all DoD-sponsored basic and applied research.
- DoD relies on more than 400 universities & colleges to conduct defense R&D.

Defense Science & Technology (S&T) Enabled Military Capabilities

- Jet Engines
- Stealth Technology
- Military Drones
- Semiconductor Innovations
- Advances in Quantum Computing
- Military Armor
Coalition for National Security Research (CNSR) Membership List

Aerospace Industries Association (AIA)
American Association for the Advancement of Science (AAAS)
American Chemical Society (ACS)
American Institute for Medical and Biological Engineering
American Mathematical Society (AMS)
American Psychological Association (APA)
American Society for Engineering Education
Arizona State University
ASME
Association of American Universities (AAU)
Association of Public and Land-grant Universities (APLU)
Battelle
Boston University
Brown University
California Institute of Technology
Carnegie Mellon University
Columbia University
Computing Research Association
Consortium for Ocean Leadership
Consortium of Social Science Associations (COSSA)
Cornell University
Duke University
Dupont
Energetics, Inc.
Federation of Associations in Behavioral & Brain Sciences (FABBS)
Federation of Materials Societies
Florida International University
Florida State University
George Mason University
Georgia Institute of Technology
Harvard University
IEEE-USA
Indiana University
Lehigh University
Louisiana State University
Louisiana Tech University
Massachusetts Institute of Technology
Materials Research Society
Michigan State University
Michigan Technological University
New Mexico State University
Northeastern University
Northern Illinois University
Northwestern University
Oak Ridge Associated Universities
Ohio State University
Oregon Health and Sciences University
Oregon State University
OSA-The Optical Society
Pace University
Penn State University
Princeton University
Purdue University
Rensselaer Polytechnic Institute
Rutgers, The State University of New Jersey
Scripps Institution of Oceanography
Semiconductor Industry Association
Society for Industrial and Applied Mathematics
SPIE, the international society for optics and photonics
SRI International
Temple University
Texas A&M University
The Catholic University of America
The George Washington University
The Johns Hopkins University
The State University of New York
University of Arizona
University of California System
University of California, Davis
University of California, Irvine
University of California, Los Angeles
University of California, Riverside
University of California, San Diego
University of Central Florida
University of Chicago
University of Cincinnati
University of Colorado Boulder
University of Delaware
University of Florida
University of Houston
University of Illinois System
University of Iowa
University of Kansas
University of Maryland at College Park
University of Michigan
University of Missouri System
University of Nebraska
University of North Carolina – Chapel Hill
University of North Carolina System
University of Oklahoma
University of Pennsylvania
University of Pittsburgh
University of Rhode Island
University of Rochester
University of South Florida
University of Southern California
University of Tennessee
University of Texas at San Antonio
University of Texas System
University of Virginia
University of Washington
University of Wisconsin - Madison
Vanderbilt University
Virginia Commonwealth University
Washington State University
West Virginia University
William & Mary
Woods Hole Oceanographic Institution
Yale University