SBIR · STTR
America's Seed Fund™
POWERED BY SBA

COURSE 2, TUTORIAL 2

DEPARTMENT OF DEFENSE DEFENSE THREAT REDUCTION AGENCY (DTRA)

The Defense Threat Reduction Agency or DTRA was formed in 1998. The mission of DTRA is to safeguard the United States and its allies from global WMD threats by integrating, synchronizing, and providing expertise, technologies, and capabilities. DTRA is a combat support agency meaning that it provides support to the US military during combat operations. With its headquarters in Fort Belvoir, Virginia DTRA's vigilance is constant, 24 hours a day, 7 days a week.

In order to address support for reducing current WMD threats and anticipated future threats, DTRA manages a research and development portfolio through a program dedicated to Basic and Applied Science, Chemical/ Biological Defense, Counter WMD Technology, Nuclear Technologies and Information Sciences.

Basic and Applied Science has two interlinked goals: First to stimulate the development of innovative solutions to enable revolutionary change for achieving threat reduction and second, promoting the development of the next generation science and technology workforce for combating WMD. To this end, basic research grants for up to 5 years are provided to accredited degree-granting colleges, universities, and academic institutions.

IMAGE COURTESY | U.S. Navy

IMAGE COURTESY | U.S. DOD

Counter WMD Technologies develops and demonstrates innovative solutions to actively counter the full spectrum of Chemical, Biological, Radiological, Nuclear and Explosives, or CBRNE threats. The nuclear technologies program seeks to better understand nuclear weapon effects and to enhance the safety, security, survivability, and performance of US assets including facilities in a nuclear environment.

Chemical and Biological Sciences develops next generation technologies to support the warfighter. Areas of specific emphasis include point and standoff detection (environmental), medical diagnostics, disease surveillance, medical pre-treatments, biological and chemical countermeasures (therapeutics), individual and collective protection, emerging threats, and modeling & simulation.

Finally, Information Sciences addresses development and application of computer models to predict WMD threat reduction capabilities.

The DTRA SBIR program has an annual budget of less than $10 million. Topics in the DTRA solicitation reflect current strategic priorities where small businesses are believed to have capabilities to address challenging technical issues. DTRA Phase I SBIR awards are for up to $150,000 and need to be accomplished within seven months. For more information on the DTRA SBIR program, potential applicants are encouraged to contact Mr. Mark Flohr, the SBIR Program Manager.

DTRA also participates in the OSD Office of Small Business Programs Rapid Innovation Fund (RIF) program. This program is to expedite transitioning innovative solutions to the warfighter. A RIF effort may start with results of an SBIR Phase II to help transition these new capabilities for military use.

The Chemical and Biological Defense Science and Technology Program is managed within DTRA under the Joint Science and Technology Office for Chemical and Biological Defense (CBD) with separate SBIR/STTR and RIF efforts. For more information on these CBD programs click on the link provided.

DISTRIBUTION A
APPROVED FOR PUBLIC RELEASE

TO LEARN MORE ABOUT THIS TOPIC
SBIR.GOV/TUTORIALS