

Countering Weapons of Mass Destruction (CWMD)/Biodefense



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CWMD is focused on the conceptualization, development, possession, proliferation, use, and effects of weapons of mass destruction (WMD). MITRE uses its expertise in bioscience, chemistry, and radiological and nuclear topics to contextualize adversary-related WMD expertise, materials, technologies, and means of delivery, and assist sponsor counterproliferation efforts to reduce the risks posed by extant WMD to the United States, allies, and partners. Additionally, our deep understanding of strategic trade controls and illicit procurement of dual-use materials provides us with the capability to assist sponsor efforts to prevent the acquisition of WMD by dissuading or impeding access to, or distribution of, sensitive technologies, materials, and expertise. Finally, our long history of supporting military pathway defeat activities affords us with the insight to provide specific support to dissuade, deter, delay, disrupt, destroy, and deny WMD activities of both state and non-state actors.

Biodefense is a key part of the United States Government's CWMD strategy. Its purpose is to improve the nation's ability to defend itself against bioterrorism, the deliberate use of microorganisms or toxins derived from living organisms to induce death or disease in humans, animals, or plants. At MITRE, our staff has expertise across several critical biodefense objectives, offering our sponsors with a holistic understanding of the National Biodefense Strategy. From threat characterization to preparedness and response, MITRE's diverse team of life scientists and biotechnologists are assisting biodefense stakeholders in understanding an evolving biological threat landscape that requires a comprehensive approach.

For information about MITRE's CWMD/Biodefense expertise and capabilities, e-mail bio@mitre.org.

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MITRE experts come to work mindful of the horrific consequences associated with WMD. This drives everything we do.

MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.

MITRE | SOLVING PROBLEMS FOR A SAFER WORLD™

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