



Edgewood Chemical Biological Center

A U.S. Army Research, Development and Engineering Command Laboratory



Who We Are

We are the nation's primary research and development resource for non-medical chemical and biological defense.



What We Do

We couple research and science with engineering and field operations to create new and effective chemical and biological defense solutions.



Why We Do It

We do all of this to keep the Warfighter, the nation, and the world safe from chemical and biological threats now and in the future.

The U.S. Army Edgewood Chemical Biological Center (ECBC) is the primary Department of Defense technical organization for non-medical chemical and biological defense, and is a subordinate command of the U.S. Army Research, Development and Engineering Command.

ECBC is a unique national asset providing innovative and cost-effective chemical and biological defense technology solutions through its scientific and engineering expertise, coupled with its unique facilities and collaboration with partners. ECBC's role in chemical and biological defense technology development cannot be duplicated by private industry or research universities. It fosters research, development, testing, and fielding of technologies for protecting warfighters, first responders and the nation from chemical and biological warfare agents.

ECBC's competencies are supported by world-class facilities, including more than 1.2 million square feet of laboratory and test chamber space. Our facilities are designed to protect our workforce, the local populace, and our environment from the hazardous compounds that ECBC works with on a daily basis in the effort to advance chemical and biological defense research. In addition, ECBC has several one-of-a-kind facilities that are critical elements of the nation's chemical and biological defense infrastructure.

As a leader in chemical biological detection, protection, and decontamination and elimination technology; ECBC combines the diverse knowledge, skills, and experience of some 1,400 scientists, engineers and technical specialists with nearly one hundred years of institutional knowledge in chemical and biological defense. This proven problem-solving capability is embodied in ECBC's competencies, which cover all of the scientific, engineering, and operational skill sets required for mission success. ECBC applies its competencies to understand current and future threats, provide innovative chemical and biological defense capabilities from basic research through fielding and sustainment, and conduct chemical demilitarization operations across the globe.

Contact ECBC

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