



EDGEWOOD CHEMICAL BIOLOGICAL CENTER

ECBC

**The Nation's Premier Chemical
Biological Defense Research and
Development Organization**

SERVICES

With nearly a century of chemical and biological defense research experience and a decade of homeland defense experience, the U.S. Army Edgewood Chemical Biological Center (ECBC) is positioned to meet the CB defense needs of the modern warfighter and homeland defense. ECBC's hallmarks include an unmatched collection of facilities, capabilities, and world-class scientists, engineers and technicians. From bench-level science to computer-aided design, rapid prototyping and limited production, ECBC's solutions span the full lifecycle of product development. Specific capabilities include:

- Applied Research
- CB Defense Equipment Evaluation
- Engineering
- Homeland Defense/Installation Protection
- Environmental Compliance
- CB Agent Detection and Monitoring
- Sampling and Analysis
- Decontamination
- Decision Analysis
- Prototype Development and Production

UNIQUE FACILITIES

ECBC has more than 25 unique facilities containing more than 1 million square feet that enable the Center to provide full life-cycle support to chemical and biological protection, detection, and decontamination activities. A number of these buildings are unique in their ability to handle items contaminated with chemical, biological or radiological materials as well as those containing mixed or unknown toxic substances. In addition, many of these facilities are independently accredited by international organizations, are ISO certified and operate under Good Laboratory Practices protocols. Through partnership agreements, ECBC makes these unique facilities available to the CB defense community at large in the interests of furthering warfighter and homeland defense technologies.

www.ecbc.army.mil

WHO WE ARE

ECBC is the lead military laboratory for non-medical chemical and biological defense technology. The organization has served in this role for the United States since 1917, when the center was established to counter the use of chemical weapons during World War I. Employing more than 1,000 professionals in chemistry, biotechnology, engineering, risk management and related fields, the Center maintains the necessary in-house expertise, equipment and facilities to develop and mature breakthrough technologies. ECBC shares this range of physical and intellectual capital with its partners from other government agencies, industry and academia, fostering a two-way exchange of ideas and technology and substantial capital savings for partnering groups.

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**The Nation's Lead Non-Medical
Chemical Biological Defense
Research, Development and
Engineering Organization**

PARTNERING WITH ECBC

ECBC has successfully transferred sophisticated products such as sampling and analysis instruments to the commercial market and provided a wide variety of services and expertise to agencies within the Department of Defense, to other government agencies such as the FBI, the Department of Justice, and the Department of Energy and to private organizations such as The Gillette Company.

In support of domestic preparedness, ECBC offers a broad range of services to evaluate emerging technologies and equipment, using both actual agent challenges and simulants. This singular capability is available to partnering organizations through ECBC's technology transfer program.

If there is mutual benefit to collaboration between your company and ECBC, a number of mechanisms are in place to streamline the partnership process. The Center's technology transfer personnel will expedite your inquiry so you can readily access our expertise and facilities.

The Edgewood Chemical Biological Center has a long history of discovery, innovation and responsiveness, garnered through more than 85 years of service to the warfighter. As the Center responds to the rapidly changing defense needs of today's world, the people of ECBC will continue to look for new and better ways to deliver chemical and biological defense technologies.

For information on partnering with ECBC, visit our web site at www.ecbc.army.mil or contact:

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