

## CURRENT ENGAGEMENTS

### Africa (USAFRICOM)

- Cameroon
- Ethiopia
- Gabon
- Guinea
- Kenya
- Liberia
- Senegal
- Sierra Leone
- South Africa
- Tanzania
- Uganda

### Europe (USEUCOM)

- Armenia
- Azerbaijan
- Georgia
- Ukraine

### Middle East South Asia (USCENTCOM)

- Jordan
- Kazakhstan
- Iraq
- Pakistan
- Turkey
- Uzbekistan

### Southeast Asia (USPACOM)

- Cambodia
- India
- Laos
- Malaysia
- Philippines
- Thailand

## FOR MORE INFORMATION

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# COOPERATIVE BIOLOGICAL ENGAGEMENT PROGRAM





## PROGRAM MISSION

The Cooperative Biological Engagement Program (CBEP) recognizes the danger to U.S. and global health security posed by the risk of outbreaks of dangerous infectious diseases. Whether natural or manmade, disease outbreaks pose a risk to the global community. CBEP strives to address this risk by promoting best practices in biological safety and security, improving partner countries' capacities to safely and rapidly detect and report dangerous infections, and establishing and enhancing international research partnerships.

## PROGRAM OBJECTIVES

1. *Secure and consolidate collections* of especially dangerous pathogens (EDPs) and their associated research at a minimum number of secure facilities
2. Enhance partner country/region's capability to prevent the sale, theft, diversion, or accidental release of biological weapons (BW)-related materials, technology, and expertise *by improving biological safety and security standards*
3. Enhance partner country/region's capability to *detect, diagnose, and report* endemic and epidemic, man-made or natural EDPs, bio-terror attacks, and potential pandemics
4. Ensure the developed capabilities are designed to be *sustainable*
5. Facilitate engagement of partner country/region's scientific and technical personnel in *research areas of interest* to both the partner country/region and the United States
6. *Eliminate any BW-related infrastructure* and technologies encountered

## CORE PROGRAM AREAS

Two core program areas contribute to CBEP mission success: Biosafety and Biosecurity, and Biosurveillance.

### BIOSAFETY AND BIOSECURITY

*Strengthen biosafety and biosecurity standards and practices.* CBEP activities improve the capability of global partners to handle, store, and account for EDPs safely and securely in accordance with U.S. and international standards, guidelines, and best practices.



#### Objectives

- Assess existing biosafety and biosecurity capabilities for facilities, procedures, and personnel involved with EDPs
- Provide sustainable solutions to increase biosafety and consolidate and secure pathogens, to include: facility upgrades, engineering controls, training and mentorship, and personal protective equipment
- Facilitate collaborative development of country-specific biosafety and biosecurity standards and guidelines that are sustainable and promote international scientific cooperation

### BIOSURVEILLANCE

*Enhance Country Disease Surveillance, Detection, Diagnostics, and Reporting Capacity.* CBEP works with partner countries across human and clinical, veterinary,



epidemiological, and laboratory communities to enhance partner country disease surveillance, detection, diagnostics, and reporting capabilities related to EDPs.

#### Objectives

- Develop disease surveillance and diagnostic laboratory networks at the national, regional, and district levels to facilitate near real-time reporting of outbreak data to national authorities
- Survey suspicious disease outbreaks, analyze epidemics, and collect disease reports from veterinarians, clinicians, and epidemiologists
- Aid partner capability to comply with the World Health Organization's International Health Regulations and World Organization for Animal Health's reporting guidelines



## PROGRAM ENABLERS

CBEP-sponsored research is an important enabling tool. CBEP funds and conducts research that involves partner-country scientists and directly advances strategic policy objectives.

### RESEARCH

*Facilitate strategic research partnerships.* CBEP establishes international research partnerships and engages scientists to enhance epidemiological and diagnostic capacities related to EDPs. Engagement focuses on research areas of interest to both the partner country and the United States.

#### Objectives

- Prevent the proliferation of dual-use expertise
- Increase transparency and encourage high standards of openness, ethics, and conduct
- Integrate scientists and institutes into the international scientific community
- Improve partner's understanding of endemic and emerging diseases
- Share unique pathogen strains/data with the scientific community for joint research