



USAMRD-W  
Joint Base Lewis-McChord,  
Washington



USAMRD-A  
Nairobi, Kenya

USAMRD-G  
Tbilisi, Georgia

USAMRD-AFRIMS  
Bangkok, Thailand

## Research Around the World

WRAIR maintains a network of expeditionary laboratories to conduct its mission. Models of medical diplomacy, these programs foster U.S.-host nation collaborations in biomedical research, product development, outbreak response, and disease surveillance to support Soldier health and global health.

### Armed Forces Research Institute for Medical Sciences (AFRIMS)

Headquartered in Bangkok, AFRIMS is a joint undertaking between the U.S. and Thai militaries with satellite surveillance and research sites across Southeast Asia. AFRIMS scientists and physicians have developed diagnostics, preventives, and therapeutics against infectious diseases for more than 60 years.

#### Major Accomplishments:

- Completed clinical trials for Japanese encephalitis, hepatitis A, and dengue vaccines, contributing to their licensure
- Participated in the discovery, development, or testing of nearly all U.S. Food and Drug Administration-approved antimalarial drugs
- Led the world's largest HIV vaccine efficacy trial, demonstrating for the first time that a vaccine can be protective

### U.S. Army Military Research Directorate – West (USAMRD-W)

USAMRD-W is located at Joint Base Lewis-McChord in the State of Washington and focuses on improving psychological resilience. USAMRD-W leads applied field studies in deployed, training, and home-station environments to identify emerging and existing behavioral health concerns in Service Members. It also guides potential training and intervention efforts to improve psychological health and well-being throughout the Pacific region.

#### Major Accomplishments:

- Deployed overseas as part of multiple Mental Health Advisory Teams to review the behavioral health burden among U.S. personnel and guide improvements in field resources
- Implemented a series of studies examining the impact of organizational culture on unit health, well-being, and performance



## U.S. Army Military Research Directorate – Africa (USAMRD–A)

USAMRD-A is based in Nairobi, Kenya, with clinical research centers and field sites across sub-Saharan Africa. Working closely with local institutions, including the Kenya Medical Research Institute (KEMRI), military research facilities, and academic laboratories, USAMRD-A focuses on addressing infectious disease threats and carries out disease surveillance, training, research, and outbreak response.

### Major Accomplishments:

- Completed or implemented numerous clinical trials for vaccines and therapeutics to protect against malaria or HIV
- Supported efforts to monitor and combat Zika, Ebola, and microbial drug resistance
- Conducted one of the first and largest community-based HIV cohort studies and completed research in high risk populations that provided critical insight to early HIV infection pathogenesis

**From its founding in 1893 when WRAIR's faculty made medical breakthroughs in the U.S., Cuba, the Philippines, and Puerto Rico, the expeditionary research of today's WRAIR now stretches to four continents.**

## U.S. Army Military Research Directorate – Georgia (USAMRD–G)

USAMRD-G was established in 2014 at the Richard M. Lugar Center for Public Health Research in Tbilisi, Georgia, a state-of-the-art, internationally certified Central Reference Laboratory and Repository. USAMRD-G executes its mission of global health security by building scientific and medical capacity; monitoring infectious disease threats and multidrug resistant organisms; and using its laboratory facilities to support U.S. and allied forces deployed within U.S. European Command.

### Major Accomplishments:

- Advancing bacteriophages as novel treatment strategies against multidrug resistant bacteria
- Monitored invasive mosquito populations serving as disease vectors to help quantify the risk of transmission to Service Members
- Continued to establish itself in the region by building capacity and developing local partnerships

**Throughout its history, WRAIR has operated nearly a dozen expeditionary laboratories, often as formal partnerships between the U.S. Army and local militaries, universities, or other institutions.**

Walter Reed Army  
Institute of Research

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