

# THE WALTER REED ARMY INSTITUTE OF RESEARCH

Our mission is to conduct biomedical research that is responsive to DoD and U.S. Army requirements and delivers life saving products including knowledge, technology, and medical materiel that sustain the combat effectiveness of the Warfighter.

With our headquarters dedicated to Senator Daniel E. Inouye and located in Silver Spring, Maryland, the Walter Reed Army Institute of Research is the largest biomedical research facility currently serving the Department of Defense. Established in 1893, our research and development now reaches around the world from Maryland to Germany, Thailand, and Kenya.

Our vision is to be the premier DoD biomedical research organization, constantly relevant, integrating basic research and advanced technology that protects, projects, and sustains the Warfighter today, invents global medical solutions for the future, and keeps the Warfighter on point for the Nation. We host two Centers of Excellence for Military Psychiatry and Neuroscience Research and for Military Infectious Disease Research, each center ranging from blast induced neurotrauma to malaria vaccine development.

## Major Accomplishments

- Developed and validated Battlemind Training to manage combat stress
- Conducted clinical trials of a *P. vivax* vaccine candidate, the first human subject challenge model to test vaccine efficacy
- Developed the world's only dedicated cutaneous Leishmaniasis drug development program
- Through our Military HIV Research Program (MHRP), first identified HIV-1 heterosexual transmission and showed efficacy of an HIV vaccine
- Developed a new Japanese encephalitis and hepatitis A vaccine



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## Centers of Excellence

### Military Psychiatry & Neuroscience Research

- Applied Neurobiology Branch
- Behavioral Biology Branch
- Closed-Head Brain Injury Branch
- Military Psychiatry Branch
- Research Transition Branch

### Infectious Disease Research

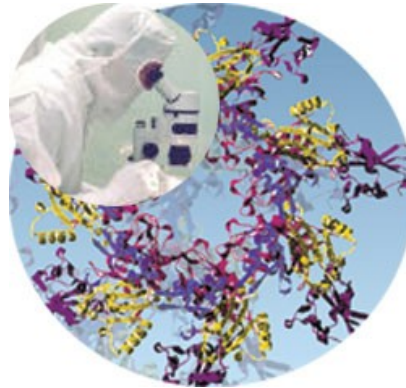
- Bacterial Disease Branch
- Entomology Branch
- Military HIV Research Program
- Military Malaria Research Program
- Preventive Medicine Branch
- Viral Diseases Branch



**ARMY MEDICINE**  
Bringing Value...Inspiring Trust

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Collaboration is a critical component of research and development and the WRAIR prides itself on the work accomplished through our numerous partnerships.



## Our Global Platforms:

- US Army Medical Research Unit—Europe (USAMRU-E) Heidelberg, Germany
- US Armed Forces Research Institute of Medical Sciences (AFRIMS) Bangkok, Thailand
- US Army Medical Research Unit—Kenya (USAMRU-K)

## How You Can Work With Us

### Veterinary Medicine

Our mission is to provide quality veterinary medical care and environmental enrichment programs for all animals, representing nine different species. By providing guidance for regulatory compliance and comprehensive animal research support through scientific consultation, the program manages animals from arrival to departure. We are fully accredited by AAALAC, International.

*To learn more, call: 301-319-9265*

### Good Manufacturing Practices and Pilot Bioproduction Facility

Since 1958, we have specialized in developing vaccines for DoD mission-related disease threats. We guarantee quality assurance during the entire process of vaccine development. The application of GMP and GLP ensure that all vaccine products are manufactured, monitored, and tested according to specification during each development phase. Through collaboration, researchers, manufacturers, and the PBF can produce vaccines efficiently and within authorized funding allocations.

*To learn more, call: 301-319-9152*

### Tropical Medicine Course

This is a 5-day, hands-on course designed to familiarize students with tropical diseases they may encounter overseas. The morning didactic sessions will consist of world-class experts presenting on tropical diseases military personnel may encounter while deployed or while working at an overseas laboratory. The afternoons will consist of hands-on laboratory sessions with a focus on deployment-relevant diagnostics. This course is open to physician assistants, nurse practitioners, ESOs, 18D medics, 91S preventive medicine technicians, and other medical personnel.

*To learn more, email: [WRAIRTropmed@amedd.army.mil](mailto:WRAIRTropmed@amedd.army.mil)*

### Clinical Trials Center

Established in 1992, the CTC supports Army and Navy investigators to develop new vaccines, drugs, and diagnostics systems to benefit the military and civilians. Approximately 13 to 15 clinical studies are conducted each year and approximately 350 volunteers are recruited to participate.

*To learn more, call: 301-319-9335*

### Insectary and Entomology

Our mission is to conduct basic and applied research, field testing, and product development activities to reduce the risk of vector-borne diseases to DoD personnel and to support global health. The research, products and knowledge generated by the team directly protect the Warfighter through the use of enhanced vector and pathogen surveillance and detection methods for, risk assessment techniques, personal protective measures, vector identification, and vector control methods.

*To learn more, call: 301-319-3226*

# WRAIR

Walter Reed Army  
Institute of Research  
Soldier Health • World Health



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