

## THE WALTER REED ARMY INSTITUTE OF RESEARCH

# *Military HIV Research Program*

### ***Mission***

The US Military HIV Research Program (MHRP) supports the execution of prevention, care and treatment services in order to secure an environment in which to ensure and advance the ability of the WRAIR to conduct HIV vaccine and therapeutic research in overseas sites. MHRP aims to develop the capacity and infrastructure of indigenous partners to provide comprehensive and quality HIV prevention, care and treatment services to their communities.

MHRP is at the forefront of the battle against HIV/AIDS to protect US troops from infection and reduce the global impact of the disease. Through the infrastructure and capacity developed in the vaccine research sites, MHRP has been able to support local partners in executing life saving HIV prevention, care, and treatment services in the communities where USMHRP works, giving the communities the opportunity to impact HIV disease in a sustainable manner.

### ***Major Accomplishments***

- MHRP was the first to identify heterosexual transmission of HIV-1
- MHRP has characterized more than half of the known HIV genetic subtypes
- MHRP led the first vaccine clinical trial which showed a reduction in the risk of HIV infection to human (RV 144) public health tool.

### ***Did you know...***

- HIV/AIDS presents a worldwide security threat with more than 32 million people infected worldwide, with sub-Saharan Africa most widely affected.
- MHRP serves as the Tri-Service HIV Reference Laboratory
- MHRP tracks the HIV epidemic in active-duty forces and assesses the risk of HIV exposure to deployed US and allied forces overseas
- MHRP evaluated rapid tests to ensure battlefield blood safety
- MHRP leverages existing in-country technical expertise and administrative infrastructure to expand partnerships with local researchers, health care services, and non-governmental organizations in Africa to implement PEPFAR activities.

To learn more, visit us on the web: [wrair-www.army.mil](http://wrair-www.army.mil)

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**WRAIR**

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