

# Infectious Disease

## Services

### Secure Research Funding

HJF empowers you with the resources you need to secure research funding. We drive change—while removing barriers to success. HJF makes it easier to find upcoming funding opportunities from various sponsors, most relevant to military medical researchers.

### Develop Your Proposal

Our experts provide all stages of proposal development, from analyzing requests for proposals (RFPs) to submitting outstanding grant, cooperative agreement and contract applications. Our experts have you covered through the proposal lifecycle because we've worked with military and federal principal investigators in identifying and responding to funding opportunities for more than three decades.

### Build Your Team

HJF has the know-how to recruit and staff your research team with top talent. We staff scientific, management and administrative teams for research awards across the U.S. and around the world. HJF takes care of recruiting, hiring and managing hard-to-find specialists including diverse global talent with the J-1 Exchange Visitor Program and the H-1B employment-based program.

### Manage Your Research

HJF has managed thousands of research awards for nearly 40 years. We help you with compliance, financial reporting, procurement, and all areas of research administration. We have perfected our scientific management—so you can focus on the research. Our wide array of multi-site and

## About HJF and HJFMRI

The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc. (HJF) is a global, nonprofit organization created to accelerate progress in military medicine. Authorized by the U.S. Congress, HJF works to promote military-civilian interchange, support the Uniformed Services University of the Health Sciences (USU) and advance all Department of Defense (DoD) research efforts for the mutual benefit of military and civilian medicine.

HJF Medical Research International (HJFMRI) advances medical research and improves global health to benefit our customers and communities worldwide.

From program management to laboratory research, our thorough scientific, administrative and program management services empower researchers and clinicians with the resources they need to find answers and drive change, while removing barriers to success.

international research and program management services includes everything from budgets to staffing to special equipment purchasing.

### Market Your Technology

HJF facilitates collaboration between investigators and private industry partners worldwide to make innovative medical technologies available for clinical use and to take leading edge products to market. Our technology transfer experts assist you in creating translating research strategies, executing collaboration and licensing agreements, protecting and managing intellectual property, and establishing agreements for the exchange of information materials and data across institutions and organizations.

Novel Countermeasures | Surveillance | Epidemiology | Malaria | Ebola | Zika | MERS | Sepsis | Diagnostics | Therapeutics | Vaccines



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Infectious disease remains one of the greatest threats to mission capacity and operational readiness of U.S. military forces. Service members are routinely exposed to infectious pathogens transmitted through vector, vehicle and contact. Infectious disease can also impact international stability by weakening economies, military and police forces, and government and social institutions. HJF and its international affiliates collaborate with a variety of partners on research to develop novel countermeasures for the detection, prevention and treatment of infectious disease. We execute a diverse biomedical research portfolio at civilian and military treatment facilities and laboratories worldwide while facilitating collaborations with academic and industry partners. From vaccine development to surveillance and epidemiology, HJF has become a key partner in driving infectious disease research success by promoting public-private partnerships and providing solutions to help DoD programs strengthen and diversify their research portfolios.

## Programs

### Military Malaria Research Program

HJF provides technical, programmatic and administrative support for the Military Malaria Research Program (MMRP) at WRAIR, promoting research collaborations for both malaria vaccines and malaria experimental therapeutics.

### Austere environments Consortium for Enhanced Sepsis Outcomes

Military personnel are at particular risk of sepsis when deployed to austere regions with limited resources. The Austere environments Consortium for Enhanced Sepsis Outcomes (ACESO) aims to improve the survival rate for patients with sepsis through early recognition, diagnosis and evidence-based clinical management. HJF partners with the Navy to provide clinical and scientific expertise and programmatic and coordination support for ACESO.

### Joint West African Research Group

The Joint West African Research Group (JWARG) aims to build and strengthen infectious disease laboratory and clinical research capabilities in West Africa and contribute to the development of effective infectious disease countermeasures including diagnostics, therapeutics and vaccines. JWARG is a collaboration among government, military, academic, and non-governmental organizations in the U.S. and Africa, led by ACESO, EIDB, Walter Reed Program – Nigeria and NMRC's Naval Medical Research Unit #3 Ghana Detachment.

### U.S. Military HIV Research Program

Since partnering with HJF in 1986, the U.S. Military HIV Research Program (MHRP) at the Walter Reed Army Institute of Research has become a world leader in HIV research, including vaccine studies, threat assessment, epidemiology, diagnostics, and cure research. Together, MHRP and HJF scientists and researchers work side by side to conduct basic, innovative, preclinical and clinical HIV research. MHRP and HJF also engage in strategic partnerships with key research institutions, host countries, and other public and private organizations to develop an international network of clinical sites located in Africa and Asia as well as in the United States. The established international clinical research infrastructure of MHRP allows for rapid response to

evolving military threats posed by emerging pathogens, including recent support to help develop vaccines for Ebola, Zika and MERS. Several of our research sites also have robust PEPFAR-sponsored research programs, which aim to improve outcomes for HIV prevention and treatment services.

### Infectious Disease Surveillance at the U.S. Army Medical Research Directorate – Kenya

The U.S. Army Medical Research Directorate – Kenya (USAMRD-K) enlists HJF's help to conduct bench science, surveillance and testing of infectious disease medical countermeasures and diagnostics. HJF supports surveillance on emerging and re-emerging infectious diseases including HIV/AIDS, avian and pandemic influenza, and arboviral and antimicrobial-resistant infections. HJF works with USAMRD-K in Kenya, Tanzania and Uganda, facilitating partnerships with a wide range of important stakeholders in each country.

### Centers for Disease Control and Prevention

The U.S. Centers for Disease Control and Prevention (CDC) partners with HJF on their projects in global health security, laboratory capability and capacity building, and infectious disease research at the Kenya Medical Research Institute, as well as other national and international partners in global health. HJF provides medical research services, personnel and resources for the CDC's programs in sub-Saharan Africa.

### Emerging Infectious Diseases Branch

In 2018, the Walter Reed Army Institute of Research (WRAIR) formally created the Emerging Infectious Diseases Branch (EIDB) with an explicit mission to survey, anticipate and counter the mounting threat of emerging infectious diseases of key importance to U.S. forces in the homeland and abroad. With HJF support, EIDB is leading the Army's efforts to develop countermeasures against COVID-19 including a vaccine, and monoclonal antibody and epidemiology research.