

# Clinical and Rehabilitative Medicine

## 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 more than 35 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

## About HJF

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.

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.

array of multi-site and 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.

Innovative treatments and technologies | Ethnographic interviewing | Pain assessment | Patient reported outcomes  
Laser refractive surgery | Auditory fitness-for-duty standards




*Advancing Military Medicine*

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Clinical and rehabilitative services play an essential role in health care, especially within the military community. From post-trauma rehabilitation to everyday care and preventative medicine, protecting the health of our volunteer forces means ensuring the availability and efficacy of clinical and rehabilitative services. As part of our mission to advance military medical research, HJF works on numerous programs to support the DoD's commitment to the health and well-being of America's volunteer forces. With the help of HJF's scientific, administrative and management services, these clinical and rehabilitative programs conduct innovative research into rehabilitation, pain management and sensory function.

## Programs

### Center for Rehabilitative Sciences Research

The Center for Rehabilitative Sciences Research (CRSR) was established in 2011 to advance rehabilitative care for servicemembers with combat-related injuries, particularly those with orthopedic trauma, limb loss, and neurological complications.

CRSR explores innovative treatments and technologies, looking at improvements to pain management strategies, barriers to successful integration, applications of new technologies and the transfer of those technologies. To provide comprehensive treatment strategies for service members, CRSR engages in personal interactions through ethnographic interviewing and uses the latest advances in technology to further understand physiology, gait and kinematics. HJF successfully executes research efforts for CRSR at Army and Navy facilities around the nation, including sites at USU and the Military Advanced Training Center (MATC) at Walter Reed Bethesda in Maryland, the Center for the Intrepid (CFI) at San Antonio Military Medical Center (SAMMC) in Texas, and the Comprehensive Combat and Complex Casualty Care Program (C5) at the Naval Medical Center San Diego (NMCS) in California.

### Defense and Veterans Center for Integrative Pain Management

The Defense and Veterans Center for Integrative Pain Management (DVCIPM) was established to enhance pain management in the military health system through clinical research, provider education and improvements in clinical practice. DVCIPM is specifically interested in research and knowledge translation efforts that will improve delivery of pain management to service members in the near-term. The center collaborates with pain subject matter experts in the uniformed services, Department of Veterans Affairs and civilian medicine.

DVCIPM developed and validated the Defense and Veterans Pain Rating Scale (DVPRS) to improve the manner in which pain is routinely assessed and discussed at all levels of care. DVCIPM also contributed to DoD's development, validation and fielding of the Pain Assessment Screening Tool and Outcomes Registry (PASTOR), a system for capturing and reporting patient reported outcomes related to pain management. In 2018, the Defense Health Agency (DHA) directed MTFs to integrate the DVPRS and PASTOR into clinical care workflows as part of the Military Health System's (MHS's) pain management and opioid safety strategies.

HJF supports DVCIPM's work by providing program management, research and clinical expertise across all the sites involved with this multicenter program.

### Naval Medical Research Center, Biological Warfighter Refractive Eye Surgery Program and Research Center

The U.S. Army Warfighter Refractive Eye Surgery Program and Research Center (WRESP-RC) at Fort Belvoir, Virginia, serves as the only externally funded WRESP-RC in the U.S. Army, providing eligible active-duty servicemembers with laser refractive surgery for the treatment of nearsightedness, farsightedness and astigmatism. WRESP-RC has performed over 18,000 refractive procedures, approximately 3,200 of which were included in clinical research studies.

HJF provides a variety of support services to WRESP-RC, including proposal development, grant administration and clinical trial assistance. HJF-supported WRESP-RC studies have helped characterize the response of lacritin in patients undergoing LASIK and photorefractive keratectomy (PRK) procedures. Other studies include developing a simple and rapid light-initiated tissue-bonding technology to decrease vision loss and ocular complications after penetrating eye injuries.

### National Military Audiology and Speech Pathology Center, Scientific and Clinical Studies Section

The National Military Audiology and Speech Pathology Center (NMASC) Scientific and Clinical Studies Section (SCSS) conducts basic, applied and translational research to improve the sensory function of military service members. Major research areas focus on:

- Developing auditory fitness-for-duty standards, including new tests that measure auditory performance in real-world environments
- Evaluating new hearing prosthetics and devices
- Advancing functional measures of speech understanding and perception
- Investigating the functional impact of blast exposure or traumatic brain injury (TBI) on hearing and balance function

HJF provides proposal development, grant administration, program management, research expertise and industry-sponsored clinical trials.