

## **HCE Research Funding Listserve - W81XWH-19-S-CRRP Combat Readiness – Medical Research Program Rapid Development and Translational Research Award**

**Pre-app due:** 23 October 2019

**Full app due:** 13 November 2019

**Period of Performance:** 2 years

**Max Funding:** \$1.5M

### **Description:**

The CRRP was initiated by Congress in FY19 to pursue military-relevant advanced technology and therapeutic research related to forward deployable solutions that can promptly address life-threatening injuries, medical threats, and treatments for Warfighters in current and future battlefield settings.

The Congressional language for the CRRP encompasses research that would enable the Warfighter to better respond to serious injury, as well as solutions to mitigate the long-term effects of battlefield trauma, including:

- (1) enhancing battlefield diagnostics for neurological injuries and hemorrhage; DoD FY19 CRRP Rapid Development and Translational Research Award 4
- (2) integrated wound care and tissue regeneration therapies;
- (3) environmental and wearable sensors, combined with advanced computing, for surveillance and monitoring of chemical and biological threat exposures;
- (4) telemedicine applications for battlefield medicine, to allow for better collection, integration, and transfer of patient data from battlefield medical units through transport and treatment;
- (5) chemical and biological exposure, countermeasures, and management strategies; and
- (6) solutions for infectious disease management, including sepsis.

The CRRP vision is to deliver high-impact medical solutions throughout the continuum of care to increase survivability and readiness of the Warfighter in diverse operational settings. Per the program's mission statement, the CRRP seeks to develop innovative solutions to increase medical readiness, mitigate fatalities, optimally treat life-threatening injuries, and promote positive long-term outcomes. Innovations developed by CRRP-supported research may be applied proactively as a way to establish medical readiness ahead of deployment, in-theater at the point of injury or during periods of prolonged care, or during transport/en route care within and from theater. These solutions will not only help to minimize the morbidity and mortality of combat-related injuries sustained by the Warfighter, they will also often translate to civilian care.

Focus areas include wearable sensors with multiple capabilities to identify and monitor medical management of injuries and/or exposures, such as environmental exposures and neurological injury.

For more information,

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=320460>

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