# **TRAUMATIC BRAIN INJURY** AND PSYCHOLOGICAL HEALTH **RESEARCH PROGRAM (TBIPHRP)**



VISION: Optimize the prevention, assessment, and treatment of psychological health conditions and/or traumatic brain injuries.

MISSION: The program seeks to fund research to understand, prevent, assess, and treat psychological health conditions and/or traumatic brain injuries that accelerates solutions to improve the health, well-being, and healthcare of Service Members, their Families, Veterans, and the American public.



information, visit

funding/tbiphrp

https://cdmrp.health.mil/

### **Funding Mechanisms for FY23**

The fiscal year 2023 (FY23) TBIPHRP is offering a range of mechanisms to accommodate research across the development spectrum. In addition, several mechanisms offer support for independent investigators of all levels.



### \$500K

#### **Investigator-Initiated Research Award:**

Supports research with the ability to make an original and important contribution to research and/or patient care.

### \$1.0M

#### **Translational Research Award:**

Supports the translation of promising research into clinical application (i.e., preclinical to clinical translation).

### \$1.5M

#### **Health Services Research Award:**

Formerly the Patient Centered Research Award. Aims to bridge the gap between research, practice, and policy by building a knowledge base on how interventions and clinical practices/guidelines and policies can be deployed to targeted populations at the appropriate time at the point of need.

### \$500K-\$4.0M

#### **Clinical Trial Award:**

Supports clinical trials for pharmacological and non-pharmacological interventions.

### \$5.0M

#### **Focused Program Award:**

Supports a synergistic, multidisciplinary research program of at least four distinct but complimentary projects addressing an overarching goal.







## **FY23 Focus Areas:**

Please visit the TBIPHRP website (https://cdmrp.health.mil/tbiphrp/) for the full text of the focus areas.

**UNDERSTAND:** Research will address knowledge gaps in foundational science, epidemiology, and etiology of psychological health conditions and/or traumatic brain injuries (TBIs).

- Understanding of risk, protective, and biological factors contributing to an individual's vulnerability to, response to, and long-term outcomes of psychological health conditions and/or traumatic brain injuries (TBI).
- Understanding sexual harassment and assault prevention, perpetration, victimization, and response. Methodologies that ensure anonymity for participants are encouraged.

**PREVENT AND ASSESS:** Research will address the prevention or progression of psychological health conditions and/or TBI through population, selective, and indicated prevention approaches.

- Identification and validation of biomarkers or other objective markers for diagnosis, prognosis, or monitoring of psychological health conditions and/or TBI, repetitive exposures, and associated sequelae (e.g., chronic migraine, dizziness, neurocognitive symptoms, sleep, post-traumatic headache, secondary complications).
  - Approaches or tools to prevent or reduce risk of psychological heath conditions and/or TBI.
    - Development of injury thresholds and exposure standards for TBI.
    - Development, evaluation, and implementation of cross-cutting prevention approaches targeting upstream factors or leveraging communities and peers to address multiple adverse outcomes such as suicide, multiple forms of violence, and alcohol and substance use disorders.
      - Solutions to increase readiness and psychological resilience in individuals, small teams, families, and communities to ameliorate the potential negative impacts of specific military and life stressors.
      - Solutions to address aspects of workplace culture and climate (e.g., leadership attitudes, group characteristics, group identification factors) that are associated with increases in harmful behaviors.

**TREAT:** Research will address immediate and long-term treatments and improvements in systems of care, including access to and delivery of healthcare services.

- Interventions that promote sustained functional recovery, including interventions administered acutely, during the post-acute phase, or during the chronic phase of injury.
  - Validated methods for reducing barriers to care for psychological heath conditions and/or TBI challenges (e.g., post-traumatic stress disorder, suicidal ideation or behaviors, alcohol and substance use, anxiety, depression) and informing processes that lead to increases in help-seeking behaviors.
  - Implementation, follow-up, and services research to increase provider adoption and availability of evidence-based treatments, as well as treatment engagement, follow-up care, and understanding of long-term outcomes.
  - Effective postvention strategies to address social connectedness during reintegration of individuals into workplace or community environments following a sexual assault, suicide event, or other severe trauma.