

W81XWH-19-CTRR-CRA

DoD Complex Traumatic Brain Injury Rehabilitation Research - Clinical Research Award

Description: The FY19 PH/TBIRP CTRR-CRA is intended to support clinical research focused on understanding the clinical sequelae and mechanisms of recovery associated with mTBI and TBI-related cognitive, sensory, and motor performances. The overarching goals of this award are to address TBI-related impairments and deficits, including multi-modal and cognitive dysfunction, to (1) develop and validate rehabilitation outcome measures; (2) systematically analyze standard of care cognitive interventions to identify optimal treatment ingredients; and (3) improve clinician-driven assessment strategies to guide RTD decision-making. The FY19 PH/TBIRP CTRR-CRA seeks research to develop and validate novel outcome measures that will characterize and track functional cognitive, sensory, and motor performance deficit in Service members and relevant populations with cognitive dysfunction following TBI; and to identify key treatment approaches to optimize cognitive rehabilitation following TBI, as consistent with the mission of the JPC-8/CRM RP.

Supported research should investigate effectiveness of rehabilitation in remediating postconcussive sequelae across the spectrum of known post-concussive vulnerabilities in the areas DoD FY19 PH/TBIRP CTRR – Clinical Research Award 4 of post-traumatic dizziness, vestibular dysfunction, imbalance or dynamic instability; visual and oculomotor dysfunction; cognitive deficits (e.g., degraded processing speed, memory, or executive functioning); central auditory processing; and autonomic dysregulation. Solutions should integrate objective clinical findings in the following domains: cognitive performance, sensory function, and motor performance.

The CRA mechanism supports applied and translational clinical research to advance the development of knowledge and materiel products for rehabilitation and restoration of function following TBI. **Clinical trials are not supported by this mechanism. Studies involving animal research do not meet the intent of this award mechanism.**

Pre-app due: 10 September 2019

Full app due: 2 December 2019

Period of Performance: 3 years

Max Funding: \$2M

For more information, <https://www.grants.gov/web/grants/view-opportunity.html?oppId=318673>

W81XWH-19-CTRR-CTA

DoD Complex Traumatic Brain Injury Rehabilitation Research - Clinical Trial Award

Description: The FY19 PH/TBIRP CTRR-CTA supports the rapid implementation of clinical trials with the potential to have a significant impact on the treatment or management of complex TBI. Clinical trials may be designed to evaluate promising products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Proposed projects may range from small proof-of-concept trials (e.g., pilot, first in human, Phase 0) to demonstrate feasibility or inform the design of more advanced trials through large-scale trials to determine efficacy in relevant patient populations.

Trials should measure the effect of the intervention as well as measure the effectiveness of standard-of-care practices (rehabilitation and treatment strategies) in remediating post mTBI sequelae across the spectrum of known functional vulnerabilities in the area of post-traumatic dizziness, vestibular dysfunction, imbalance or dynamic instability; visual and oculomotor dysfunction; cognitive deficits (e.g., degraded processing speed, memory, or executive functioning); central auditory processing; and autonomic dysregulation. In particular, trials that identify determinants of successful recovery, return to duty (RTD)/work, functional restoration, and objective brain function measurement(s) following mTBI are encouraged.

Funding from this award mechanism must support a clinical trial. New FY19 definition: A clinical trial is a research study in which one or more human subjects are prospectively assigned to one or more interventions (which may include placebo or other control) to evaluate the effects of the interventions on biomedical or behavioral health-related outcomes.

Pre-app due: 10 September 2019

Full app due: 2 December 2019

Period of Performance: 3 years

Max Funding: \$4M

For more information, <https://www.grants.gov/web/grants/view-opportunity.html?opId=318656>