The Department of Defense announces $97 million in new funding opportunities in Defense Medical Research and Development Program (DMRDP). A Program Announcement has been released describing the DMRDP Applied Research and Advanced Technology Awards. The process is open and accepting submissions. Please notify independent investigators, scientists, and clinicians (at any academic level or equivalent) of the Texas Tech University interested in military medical research in Brain Injury, Polytrauma and Blast Injury, Operational Health and Performance, Rehabilitation, and Psychological Health.

The DMRDP Applied Research and Advanced Technology Awards Program Announcement and Application instructions are located on Website: [https://cdmrp.org/Program_Announcements_and_Forms/index.cfm?prg=DMRDP&prg_fy=2009](https://cdmrp.org/Program_Announcements_and_Forms/index.cfm?prg=DMRDP&prg_fy=2009).


Funding:

- The maximum period of performance for this award mechanism is 3 years.
- The maximum allowable funding per year is $750,000 (2,250,000 for 3 years) in direct costs. In addition to the direct costs, indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

A Pre-Application (Pre-proposal) through [http://cdmrp.org](http://cdmrp.org) is required and due by September 25, 2009, 5:00 p.m. Eastern time. Pre-proposals will be screened and submission of full application is by invitation. Those invited may submit their Application through [http://www.grants.gov](http://www.grants.gov) due by December 18, 2009, 11:59 p.m. Eastern time.

These awards are intended to provide support for research that is designed to advance state-of-the-art solutions for world class medical care with an emphasis on post-traumatic stress disorder (PTSD), TBI, prosthetics, restoration of eye sight and advancing eye care, and other conditions directly relevant to the injuries our service members are currently receiving on the battlefield. DMRDP efforts will assess scientific and/or military field deployment feasibility of promising new products, pharmacologic agents (drugs and biologics), behavioral and rehabilitation interventions, diagnostic and therapeutic devices, clinical guidance, supporting medical information and training systems, and/or emerging approaches and technologies. These awards are expected to yield potential health products, approaches, or technologies positioned for human testing.

These awards are focused on applied research, defined as work that refines concepts and ideas into potential solutions with a view toward evaluating technical feasibility, and advanced technology development, defined as development of candidate solutions and components of early prototype
systems up to the point where test and evaluation can be conducted in human trials or other relevant operational environments.

The DMRDP Applied Research and Advanced Technology Awards may support human studies but may not be used to support clinical trials. Awards may not be used to support fundamental basic research.

**An outline of the FY10 DMRDP Projects and Corresponding Tasks:**

1. Diagnosis and Treatment of Brain Injury (3 Task research areas described on page 3 of the Program Announcement)
   - Mechanisms of Traumatic Brain Injury
   - Diagnosis and Treatment
   - Clinical Management

2. Polytrauma and Blast Injury (11 Task research areas are described on pages 4-5 of the Program Announcement)
   - Hemorrhage Control
   - Maintain Tissue Viability
   - Diagnosis and Life Support
   - Maxillofacial Injury
   - Evacuation Applications
   - Forward Surgical Applications
   - Blast Injury Models and Performance Standards for Protection Systems
   - Scar Contracture
   - Diagnosis, Treatment, Mitigation, Restoration, and Ocular/Visual Systems Injury
   - Rapid Screening of Fresh Whole Blood
   - Wound Infection Prevention and Management
   - Antimicrobial Countermeasures

3. Operational Health and Performance (4 Task research areas are described on page 5 of the Program Announcement)
   - Fundamental Mechanisms of Training and Operational Injury
   - Physiological Interactions of Nutrition and Dietary Supplements
   - Fundamental Mechanisms of Performance Sustainment in Extreme Environments (heat, cold, and altitude)
   - Post-Deployment Health Risks

4. Rehabilitation (4 Task research areas are described on pages 6-7 of the Program Announcement)
   - Neuromusculoskeletal Injuries
   - Chronic Pain Management
   - Regenerative Medicine
   - Restorative and Rehabilitation of Sensory System Traumatic Injury (Vision, Hearing, and Balance).
5. Psychological Health and Well-Being for Military Personnel and Families (5 Task research areas are described on page 7 of the Program Announcement)
   • Suicide Prevention
   • Diagnosis and Treatment of PTSD
   • Diagnosis and Treatment of Deployment –Related Psychological Health Problems
   • Psychological Resilience
   • Military Family and Community Health Resilience

Points of Contact for your questions:

A. Program Announcement/Funding Opportunity, application format, or required documentation: Submit questions as early as possible. Response times will vary depending upon the volume of inquiries.
   Phone: 301-619-7079  
   Fax: 301-619-7792  
   Email: cdmrp.pa@amedd.army.mil

B. Pre-application Questions: Issues related to pre-application should be directed to the help desk, which is available Monday through Friday from 8:00 a.m. to 5:00 p.m. Eastern time.
   Phone: 301-682-5507  
   Website: https://cdmrp.org  
   Email: help@cdmrp.org

C. Grants.gov contacts: Questions related to submitting applications through the Grants.gov (http://www.grants.gov/) portal should be directed to Grants.gov help desk. Deadline for application submission is 11:59 p.m. Eastern time on the deadline date. Therefore, there is an approximate 3-hour period during which the Grants.gov help desk will NOT be available. Please plan ahead accordingly, as the help desk is not able to answer questions about Grants.gov submissions.
   Phone: 800-518-4726, Monday to Friday, 7:00 a.m. to 9:00 p.m. Eastern time  
   Email: support@grants.gov