

United States Army Medical Research Acquisition Activity USAMRAA



USAMRAA OVERVIEW AND FUNDING OPPORTUNITIES



Federal Demonstration Partnership Update
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Army Contracting: One Community Serving Our Soldiers, Serving Our Nation



U. S. Army Medical Research and Materiel Command



► **Mission**

Provide medical knowledge and materiel lifecycle management to protect, treat and optimize Warfighter health and performance across the full spectrum of operations.

► **Vision**

We are the world's experts and leaders in the military relevant biomedical research and medical materiel communities, delivering the best medical solutions to enhance, protect, treat, and heal our Warfighters.

WHO IS USAMRAA?



Responsible for the award and administration of contracts and assistance agreements in support of medical research for the soldier and the public

Provide support to the Command headquarters and its worldwide network of laboratories and medical logistics organizations

Support the Fort Detrick Garrison and its military tenant activities, Army-wide projects sponsored by the Army Surgeon General, and numerous Congressionally mandated programs

Core Medical Research and Technology Programs

► **Military Infectious Diseases Research Program**

- Medical Readiness
- Vaccines
- Biotechnology
- Prophylaxis/treatment drugs
- Diagnostics/prognostics
- Vector control
- Medical C4ISR
- HIV countermeasures



► **Combat Casualty Care Research Program**

- Lightweight medical equipment
- Medical C4ISR
- Trauma care
- Health monitoring & diagnostic technology



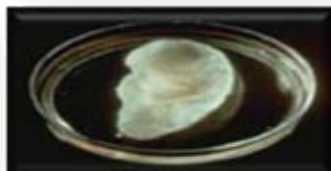
► **Military Operational Medicine Research Program**

- Injury prevention and reduction
- Psychological health and resilience
- Physiological health
- Environmental health and protection

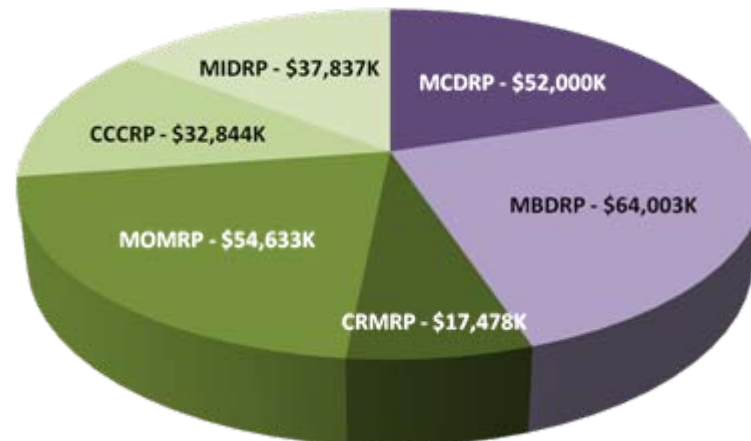


► **Clinical & Rehabilitative Medicine Research Program**

- Soldier reset
- Regenerative medicine
- Prosthetics



NEW



⊕ **Medical Biological Defense Research Program**

- Vaccines/therapies
- Field-portable diagnostic systems
- Medical readiness
- Biotechnology



⊕ **Medical Chemical Defense Research Program**

- Medical management of CW casualties
- Medical readiness
- Drug prophylaxes/pretreatments
- Diagnostics/therapeutics



USAMRMC Medical Acquisition Advanced Development Programs



➤ **Pharmaceutical Systems¹**

- Development and acquisition of drugs, vaccines, diagnostics, repellants, blood products, and resuscitative fluids
- **Drugs**
 - Products derived from synthesized chemicals with the intent of being metabolized by the body
 - Pills/IVs/Creams
 - FDA: Center for Drug Evaluation and Research (CDER)
- **Biologics**
 - Products derived from living sources (animal, human, microorganisms)
 - Vaccines, blood, allergenics, tissues
 - FDA: Center for Biologics Evaluation and Research (CBER)



➤ **Medical Support Systems¹**

- Non-medical products supporting the medical mission
- Engage non-AMEDD PMs and PEOs to ensure medical requirements are addressed
 1. Based at USAMMA
 2. Based at USAMMDA
 3. Based in the PA(ACQ) office



➤ **Medical Devices²**

- Instruments, apparatus, machines, implants used in the clinical diagnosis or treatment with the intent to affect the structure or function of the body
- Lab equipment, bandages, & tongue depressors
- FDA: Center for Devices and Radiological Health



➤ **Integrated Clinical Systems²**

- Imaging, image management, and major clinical systems that integrate with the DoD Electronic Medical Record
- FDA: Center for Devices and Radiological Health



➤ **USAMRMC Enterprise IM/IT³**

- Develops IM/IT systems for the USAMRMC
- Example: Medical Research Information Technology System (MeRITS), which records laboratory data for submission to the FDA.



➤ **Theater Enterprise-wide Logistics System (TEWLS)³**

- Army's initiative to migrate theater-level Class VIII Supply Chain Management to a SAP-based, joint architecture that supports both peace time and operational environments



Advanced Development for Chem/Bio programs is executed by the DoD, not the USAMRMC

DOD USAMRMC's BROAD AGENCY ANNOUNCEMENT (BAA)



- ▶ Grants.gov:
 - ◆ Browse by Agency: Department of Defense, or
 - ◆ Basic Search:
 - ✖ **CFDA Number: 12.420**
 - ✖ US Army Medical Research and Materiel Command Broad Agency Announcement
 - ✖ Dept. of the Army – USAMRAA
 - ✖ W81XWH-BAA10-1
 - ◆ Solicits for research ideas ~
 - ✖ Command's CORE research programs
 - ✖ Command's specific areas of interest
 - ◆ Continuously open announcement
 - ◆ Proposals are evaluated throughout year
 - ✖ 2-Tier Review Process
 - » Peer Review
 - » Programmatic Review

Congressional Special Interest Research Program



- ▶ To sponsor scientifically meritorious biomedical research as requested by Congress.
- ▶ Unlike the majority of USAMRMC research, these research programs are directed by Congress and have not been requested by the Department of Defense.
- ▶ Research funds are not included in the President's Budget and programs vary from year to year.

Congressionally Directed Medical Research Programs



- ▶ CDMRP: The office of the Congressionally Directed Medical Research Programs (CDMRP) manages Congressional Special Interest Medical Research Programs (CSI) encompassing breast, prostate, and ovarian cancers, neurofibromatosis, military health, and other specified areas.
- ▶ <http://cdmrp.army.mil/>



ADVANCED TECHNOLOGY PROGRAMS

Telemedicine & Advanced Technology Research Center



- ▶ ***TATRC's** mission is to execute a congressional special interest program of medical science and advanced technology research that maximizes benefit to military medicine and national healthcare.*
- ▶ <http://www.tatrc.org/>

CDMRP PROGRAM FUNDING

- ▶ **Current Research Programs (FY10)**
 - ◆ Amyotrophic Lateral Sclerosis - \$7.5M
 - ◆ Autism - \$8M
 - ◆ Bone Marrow - \$3.75M
 - ◆ Breast Cancer - \$150M
 - ◆ Genetic Studies Food Allergies- \$1.875M
 - ◆ Gulf War Illness - \$8M
 - ◆ Peer Reviewed Lung Cancer - \$15M
 - ◆ Multiple Sclerosis - \$4.5M
 - ◆ Neurofibromatosis - \$13.5M
 - ◆ Orthopedic - \$22.5M
 - ◆ Ovarian Cancer - \$18.75M
 - ◆ Peer Reviewed Cancer - \$15M
 - ◆ Peer Reviewed Medical - \$50M
 - ◆ Prostate Cancer - \$80M
 - ◆ Spinal Cord Injury - \$11.25M
 - ◆ Tuberous Sclerosis Complex - \$6M

CDMRP

PROGRAM ANNOUNCEMENTS (PAs)

▶ **MECHANISM TYPES:**

- ▶ Advanced Technology/Therapeutic Development
- ▶ Career Development
- ▶ Career Transition
- ▶ Clinical Consortium
- ▶ Clinical Research
- ▶ Clinical Resource Development
- ▶ Clinical Translational
- ▶ Clinical Trial
- ▶ Collaborative
- ▶ Concept
- ▶ Consortium Development
- ▶ Development
- ▶ Exploration-Hypothesis Development
- ▶ HBCU/MI Collaborative
- ▶ HBCU/MI Fellowship
- ▶ HBCU/MI Partnership
- ▶ Health Disparity Research
- ▶ Health Disparity Training
- ▶ Hypothesis Development
- ▶ Idea Development
- ▶ Impact
- ▶ Innovator
- ▶ Multidisciplinary Research Consortium
- ▶ New Investigator
- ▶ Pre-Doctoral Traineeship
- ▶ Physician Research
- ▶ Postdoctoral
- ▶ Scholar
- ▶ Synergistic Idea
- ▶ Therapeutic Development
- ▶ Training
- ▶ Transition: Stage I
- ▶ Translational Research
- ▶ Translational Research Partnership
- ▶ Undergraduate

WEB SITES



- ▶ Fort Detrick:
<http://www.detrick.army.mil/>
- ▶ OMB: <http://www.gpoaccess.gov/cfr/index.html>
- ▶ DODGAR:
<http://www.dtic.mil/whs/directives/corres/html/321006r.htm>
- ▶ FAR: <http://acquisition.gov/comp/far/index.html>
- ▶ USAMRAA: <http://www.usamraa.army.mil/pages/index.cfm>
- ▶ USAMRMC: <https://mrmc-www.army.mil/>

CURRENT USAMRAA FUNDING OPPORTUNITIES



CLOSE DATE	OPPORTUNITY TITLE	AGENCY	FUNDING NUMBER
02/17/2010	<u>DoD Defense Medical Research and Development Program Basic Research Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-DMRDP-BRA
04/08/2010	<u>DoD Multiple Sclerosis Concept Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-MSRP-CA
06/09/2010	<u>DoD FY10 Prostate Cancer Idea Development Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-PCRP-IDA
06/09/2010	<u>DoD FY10 Prostate Cancer Synergistic Idea Development Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-PCRP-SIDA
06/10/2010	<u>Ovarian Cancer Research Program Pilot Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-OCRP-PA
06/10/2010	<u>DoD Multiple Sclerosis Idea Award</u>	Dept. of the Army -- USAMRAA	W81XWH-10-MSRP-IA
09/30/2010	<u>USA Medical Research and Materiel Command Broad Agency Announcement</u>	Dept. of the Army -- USAMRAA	W81XWH-BAA10-1

Questions

