



# USAMRDC CDMRP

## CONGRESSIONALLY DIRECTED MEDICAL RESEARCH PROGRAMS .....

### MISSION

Responsibly manage collaborative research that discovers, develops and delivers health care solutions for Service Members, veterans and the American public.

### VISION

Transform healthcare for Service Members and the American public through innovative and impactful research.

## BACKGROUND

The Congressionally Directed Medical Research Programs (CDMRP) is a global biomedical research funding organization that manages cancer research, military medical research, and other disease and injury specific research programs. CDMRP also provides management support for additional core Department of Defense (DoD) medical research programs. The CDMRP represents a unique partnership among the U.S. Congress, the military and the public. CDMRP originated in the early 1990s with a \$25 Million (M) appropriation for breast cancer research. Since then, the CDMRP has grown in scope and size, funding targeted research that addresses a wide range of diseases and conditions.

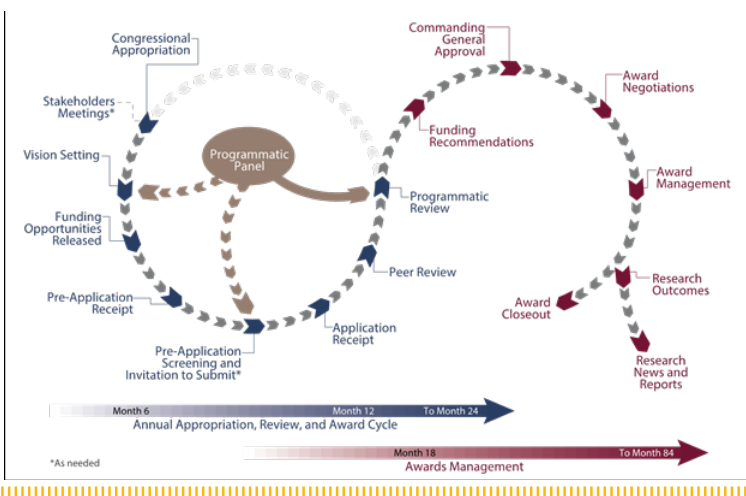
The CDMRP originated within an environment that fostered novel approaches to biomedical research in response to stakeholder needs. While individual programs may have unique focus areas, all of the CDMRP-managed programs share the common goal of advancing innovative, high impact ideas, creative solutions, patient care, or breakthrough

technologies and resources. From small concept awards and discovery investments to clinical trials and focused collaborative efforts, the CDMRP strives to fund the best research for the benefit of Service Members and the American public.

## QUESTIONS & ANSWERS

### How does the CDMRP receive its research funds and what types of research are funded?

Since 1992, Congress has added additional funding for CDMRP to the Defense Appropriations Bill. Funding for CDMRP programs is not part of the annual President's budget request. From FY92 through FY19, CDMRP has managed 43 Congressional Special Interest (CSI) programs totaling \$12.07 Billion (B).



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### QUESTIONS & ANSWERS

#### How does the medical research community find out about new CDMRP funding opportunities?

Full details for new funding opportunities from each program are described in “Program Announcements” or “Broad Agency Announcements.” The CDMRP has a self-subscription email system (listserve) for researchers and the public stay informed of the latest news and funding opportunities for their programs of interest. Individuals interested in receiving these e-mail notifications can sign up through the CDMRP website and the electronic Biomedical Research Application Portal (eBRAP) at: <https://eBRAP.org/> or email a request to: [help@eBRAP.org](mailto:help@eBRAP.org). CDMRP-managed funding opportunities are posted on the federal grants website: <http://www.grants.gov> and featured on the CDMRP website: <https://cdmrp.army.mil>.

#### What are the requirements for an organization to apply for funding?

All organizations, including international organizations, are eligible to apply for CDMRP funding opportunities. Specific requirements and focus areas are outlined in funding opportunity announcements. A pre-application must be submitted through eBRAP at <https://eBRAP.org> prior to the pre-application deadline. Extramural (non-DoD) organizations must be registered with an active status in the System for Award Management (SAM), obtain a Unique Entity Identifier from SAM, and be registered in Grants.gov. In addition, extramural organizations must have a current CAGE code from the Defense Logistics Information Service and an authorized organization representative and business official to submit applications through Grants.gov. Intramural (DoD) organizations may submit full applications to either eBRAP or Grants.gov. All applications must conform to the detailed instructions in each funding opportunity announcement.

#### What is the CDMRP's process for funding research?

CDMRP's two-tiered review process is based on recommendations from the National Academy of Medicine. Once Congress specifies the focus area, the CDMRP determines the investment strategy and competitively identifies projects for potential funding.

#### Why does the CDMRP have two reviews?

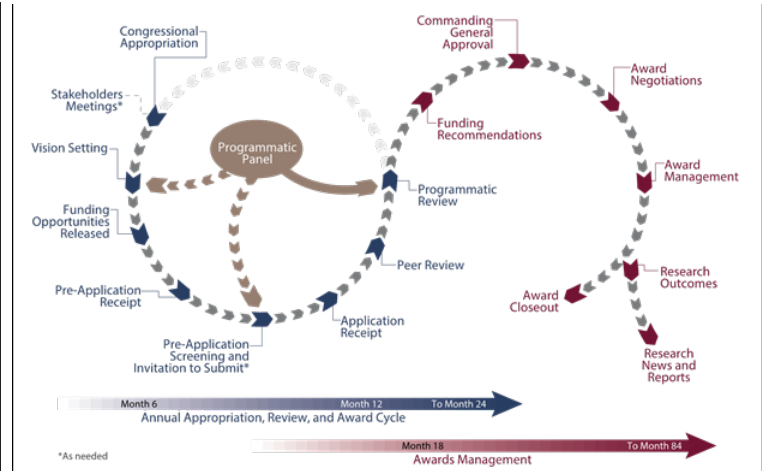
The CDMRP's two-tier review process is modeled after recommendations made by the National Academy of Sciences Institute of Medicine. It reflects the traditional strengths of scientific review combined with a programmatic review that is focused on the relevance to each program's vision and goals. The peer review is a criteria-based process where applications are evaluated individually based on their scientific and technical merit. After applications have been scientifically peer reviewed, they undergo programmatic review, during which applications are reviewed and compared to select those with the highest merit that best support the vision of the program. Additional details about the two-tier review are available at: <https://cdmrp.army.mil/about/fundingprocess.html>.

#### How does the CDMRP engage consumers?

The CDMRP has been a catalyst for the inclusion of consumers (patients, survivors, family members and/or caregivers) as full voting members in establishing program priorities and reviewing research applications. Their knowledge of a disease, condition or injury is informed by their personal experience and the experiences of other affected individuals from the broader community. Consumers are nominated to serve on scientific peer review panels by their respective community's advocacy or support organizations. Experienced consumers also serve on the CDMRP programmatic panels where they participate in vision setting, pre-application screening, and programmatic review. Consumers offer unique, meaningful perspectives and insights that other panel members may not have, and they bring a sense of urgency and passion to the discussions. For more information on consumer involvement, see the consumer involvement pages on the CDMRP website: <https://cdmrp.army.mil/cwg>.

*In addition, from FY07-FY19, the CDMRP provided program and award management support as requested to 10 other DoD programs/projects totaling \$2.37B. CDMRP provided active grants management for over 1800 of these awards.*

*For FY20, CDMRP will manage \$1.23M across 33 programs.*

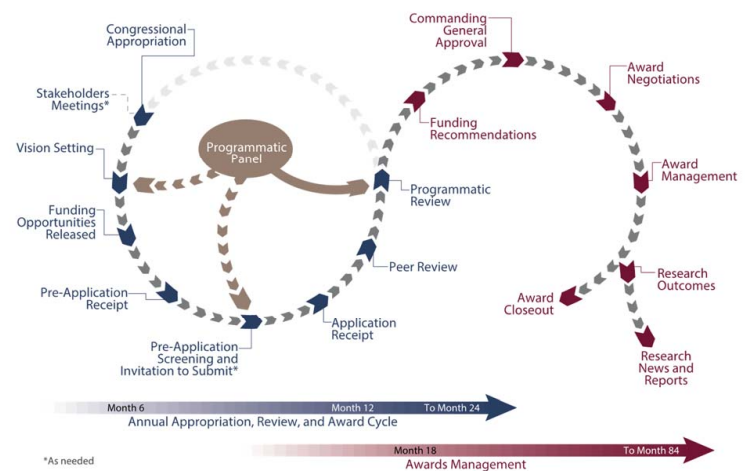


## CONGRESSIONALLY DIRECTED MEDICAL RESEARCH PROGRAMS .....

**CDMRP CSI Programs, Appropriations (\$M), and Awards from FY92-FY19**

CDMRP CSI Programs (FY92-19)	FY92-19 Total Appropriation (\$M)	Total Awards	Active Awards
Alcohol and Substance Abuse Disorders	24.0	31	25
Amyotrophic Lateral Sclerosis	89.4	84	43
Autism	89.4	168	49
Bone Marrow Failure	38.6	70	18
Breast Cancer	3641.3	6,986	546
Breast Cancer Research Semipostal	26.6	n/a	n/a
Chronic Myelogenous Leukemia	22.1	61	0
Chronic Pain Management*	10.0	TBD	0
Combat Readiness-Medical*	15.0	TBD	0
Defense Women's Health	40.0	69	0
Deployment Related Medical	101.9	62	0
DOD/VA Medical	6.8	9	0
Duchenne Muscular Dystrophy	29.6	32	16
Epilepsy	37.5	39	39
Genetic Studies of Food Allergies	4.4	9	0
Gulf War Illness	192.0	189	120
Hearing Restoration	30.0	14	14
Institutionally Based Programs	486.3	413	0
Joint Warfighter Medical	354.0	94	46
Kidney Cancer	45.0	51	51
Lung Cancer	141.5	251	89
Lupus	15.0	25	25
Melanoma*	10.0	TBD	0
Military Burn	48.0	46	33
Multiple Sclerosis	57.1	100	40
Myeloproliferative Disorders	4.3	9	0
National Prion	42.5	38	0
Neurofibromatosis	347.9	430	100
Orthotics and Prosthetics Outcomes	60.0	55	51





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Osteoporosis	5.0	5	0
Ovarian Cancer	336.5	478	153
Parkinson's	96.0	252	68
Peer Reviewed Alzheimer's	84.0	127	100
Peer Reviewed Cancer	429.8	616	364
Peer Reviewed Medical	2350.7	1,608	954
Peer Reviewed Orthopaedic	398.5	289	114
Prostate Cancer	1820.0	3,414	552
Reconstructive Transplant	63.0	98	81
Spinal Cord Injury	277.9	235	114
Tick-Borne Disease	20.0	19	19
Trauma Clinical Research Repository	5.0	1	1
Tuberous Sclerosis Complex	83.0	170	49
Vision	88.9	71	31

**FY92 – FY19 Total**

**\$12.0682 Billion**

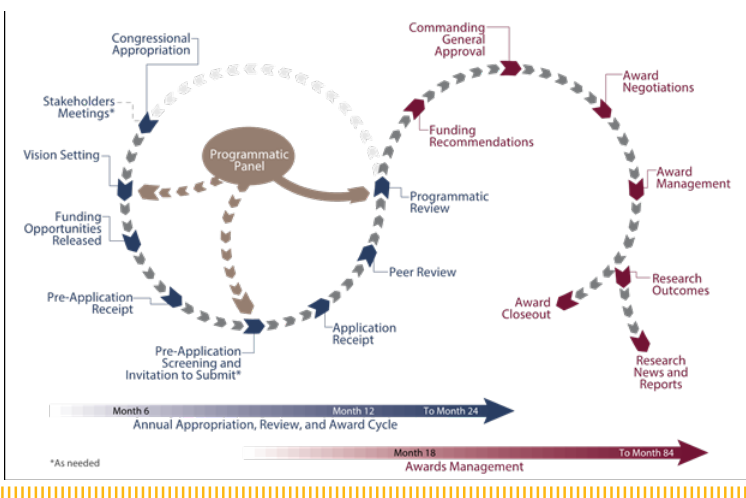
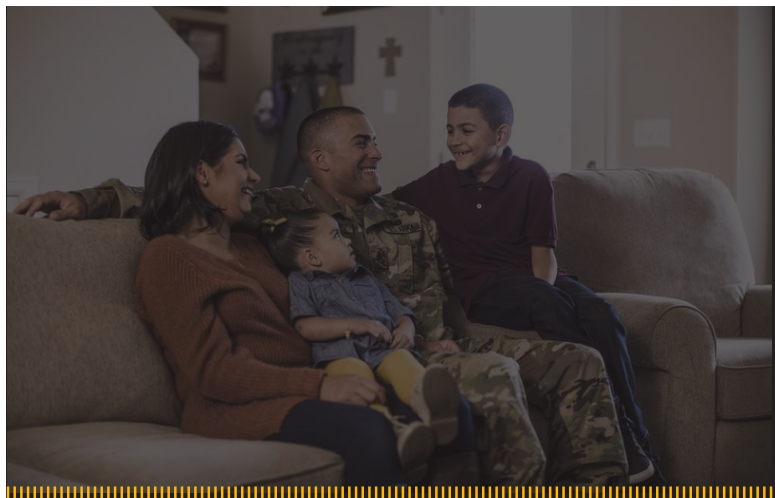
**16,718**

**3,905**

<b>FY20 CDMRP CSI Program</b>	<b>FY20 Appropriation s (\$M)</b>	<b>FY20 CDMRP CSI Program</b>	<b>FY20 Appropriations (\$M)</b>
Amyotrophic Lateral Sclerosis	20.0	Neurofibromatosis	15.0
Autism	15.0	Orthotics and Prosthetics Outcomes	15.0
Bone Marrow Failure	3.0	Ovarian Cancer	35.0
Breast Cancer	150.0	Pancreatic Cancer**	6.0
Chronic Pain Management	15.0	Parkinson's	16.0
Combat Readiness-Medical	10.0	Peer Reviewed Alzheimer's	15.0
Duchenne Muscular Dystrophy	10.0	Peer Reviewed Cancer	110.0
Epilepsy	12.0	Peer Reviewed Medical	360.0
Gulf War Illness	22.0	Peer Reviewed Orthopaedic	30.0
Hearing Restoration	10.0	Prostate Cancer	110.0
Joint Warfighter Medical	40.0	Rare Cancers**	7.5
Kidney Cancer	40.0	Reconstructive Transplant	12.0
Lung Cancer	14.0	Scleroderma**	5.0
Lupus	10.0	Spinal Cord Injury	40.0
Melanoma	20.0	Tick-Borne Disease	7.0
Military Burn	10.0	Tuberous Sclerosis Complex	6.0
Multiple Sclerosis	16.0	Vision	20.0

**FY20 Total: \$1.2265 Billion**

\*\* New FY20 program



## CONGRESSIONALLY DIRECTED MEDICAL RESEARCH PROGRAMS

### QUESTIONS & ANSWERS

#### How does the CDMRP avoid duplication and overlap with research supported by other agencies or organizations?

The CDMRP uses multiple processes to minimize the likelihood of research duplication to ensure research is synergistic and harmonizes with efforts funded by other agencies or organizations. The CDMRP's multistep process to minimize award duplication and overlap is outlined in the following steps:

1. Program planning and evaluation of cross-organizational funding landscapes during development of research priorities and funding strategies
2. List of past, current and pending funding support submitted by the principal investigator at the time of application submission
3. Identification of project innovation, research duplication and overlap during the two-tier review process by peers in the field
4. List of updated funding support during award negotiations, which is certified by the award recipient's Sponsored Programs Office
5. Review of PI submitted documents and multiple federal and public databases/websites to assess pending and existing funding support prior to award
6. Technical review of progress throughout the award period of performance which includes monitoring for funding overlap and duplication
7. Coordination with external federal and private funding organizations

Additional details about the CDMRP's processes to avoid duplication of research can also be accessed on the CDMRP's website at: <https://cdmrp.army.mil/funding/researchDup.html>.

#### How has CDMRP-funded research impacted the health of military Service members, their family members, Veterans, and the general public?

CDMRP-supported research has led to a number of medical breakthroughs for military personnel, their families, and the American public. For example, CDMRP's Cancer Research

Programs have led to 16 FDA-approved drugs and devices, 10 changes in Clinical Practice, and 18 diagnostics and biomarkers currently in clinical use. Additional research accomplishments for each program can be found at <https://cdmrp.army.mil/researchprograms>

#### How the CDMRP share program information with the public?

The CDMRP website remains a central mode of communication to the public. This dynamic website features facts and news about the CDMRP, individual research programs, individual awards, funding opportunities and consumer involvement, and is updated on a daily basis. The CDMRP also hosts a searchable database which provides details on CDMRP-funded awards (<https://cdmrp.army.mil/search.aspx>). In addition to the website and listserve email notifications, the CDMRP also uses social media with Facebook, Twitter and YouTube as additional means to disseminate research program information. The public is encouraged to visit the CDMRP on YouTube at: <http://www.youtube.com/CDMRP>. Facebook users can like and follow at: <facebook.com/TheCDMRP>, and Twitter users can subscribe or follow at: <twitter.com/CDMRP>. Additionally, CDMRP provides funded award information to multiple public sites including Federal Reporter, International Cancer Research Partnership and the Defense Technical Information Center.

#### How does CDMRP ensure the integrity of the review process?

All of CDMRP's peer and programmatic reviewers are held to the highest standards of conduct to ensure the credibility of the programs and the processes. The CDMRP strives to give every application a fair and balanced review by subject matter experts and consumers, taking steps to ensure that panel deliberations remain confidential and to mitigate conflicts of interest. Additional details about the two-tier review and CDMRP conflict of interest policies for both peer and programmatic reviews are available at:

<https://cdmrp.army.mil/about/fundingprocess.html>.