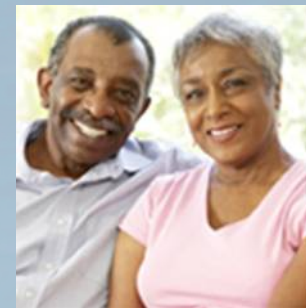


The Congressionally Directed Medical Research Programs

CUTTING EDGE RESEARCH

CDMRP Plenary Briefing



The views expressed in this presentation are those of the author and may not reflect the official policy or position of the Department of the Army, Department of Defense, or the U.S. Government



Fiscal Year 2016

Who is the CDMRP?



Department of Defense



Department of the Army



ARMY MEDICINE
Serving To Heal...Honored To Serve

Army Medical Command



**Medical Research and Materiel
Command**



**Congressionally Directed
Medical Research Programs**

Vision and Mission

Vision

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

Mission

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

Hallmarks

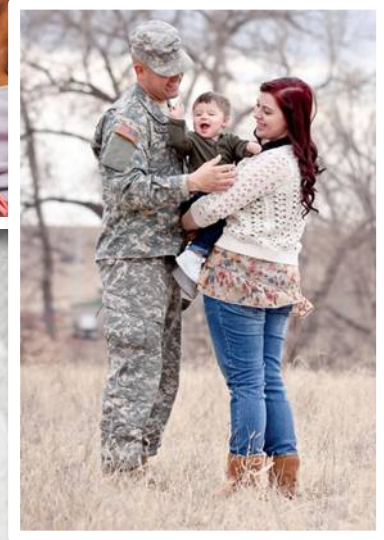
- ◆ Targeted research funds added to DoD budget by Congress
- ◆ Consumers participate throughout process
- ◆ National Academy of Medicine (IOM) recommended model for application review
- ◆ Funds high-impact innovative research
- ◆ Each program's vision and investment strategy are adapted annually, allowing rapid response to changing needs
- ◆ Avoid Duplication with other funding agencies
 - ❖ Fills Unfunded/Unmet Gaps
- ◆ Funding flexibility
 - ❖ Funds obligated up-front; limited out-year budget commitments
 - ❖ Limited continuation funding
 - ❖ No "pay line;" funding recommendations based on portfolio composition, adherence to intent of mechanism, relative impact in addition to technical merit



Consumers

Grassroots consumers heightened political awareness of breast cancer that led to increased funding for cancer research and the 1992 creation of the CDMRP. The voices and experiences of consumers continue to play a pivotal role in the establishment and growth of research programs.

Over 2,100 consumers representing over 1,000 organizations have served on Peer Review and Programmatic Review panels



FY16 Funding

Program	\$M	Program	\$M
Alcohol and Substance Abuse Disorders	\$4.0	Peer Reviewed Alzheimer's	\$15.0
Amyotrophic Lateral Sclerosis	\$7.5	Peer Reviewed Cancer (13 Topics)	\$50.0
Autism	\$7.5	Peer Reviewed Medical (39 Topics)	\$278.7
Bone Marrow Failure	\$3.0	Peer Reviewed Orthopaedic	\$30.0
Breast Cancer	\$120.0	Prostate Cancer	\$80.0
Breast Cancer Research Semipostal	\$0.2	Reconstructive Transplant	\$12.0
Duchenne Muscular Dystrophy	\$3.2	Spinal Cord Injury	\$30.0
Epilepsy	\$7.5	Tick-Borne Disease	\$5.0
Gulf War Illness	\$20.0	Trauma Clinical	\$10.0
Joint Warfighter Medical ⁽¹⁾	\$50.0	Tuberous Sclerosis	\$6.0
Lung Cancer	\$12.0	Vision	\$10.0
Military Burn	\$8.0	Programs Managed on behalf of Others: ⁽¹⁾	
Multiple Sclerosis	\$6.0	Centers of Excellence	\$3.1
Neurofibromatosis	\$15.0	Defense Medical R&D	\$120.5
Orthotics and Prosthetics Outcomes	\$10.0	Defense Medical R&D Restoral	\$31.6
Ovarian Cancer	\$20.0	Psychological Health and Traumatic Brain Injury	\$69.6
Parkinson's	\$16.0	Small Business Innovation Fund	\$3.6

⁽¹⁾ Approximate funding to be managed on behalf of others

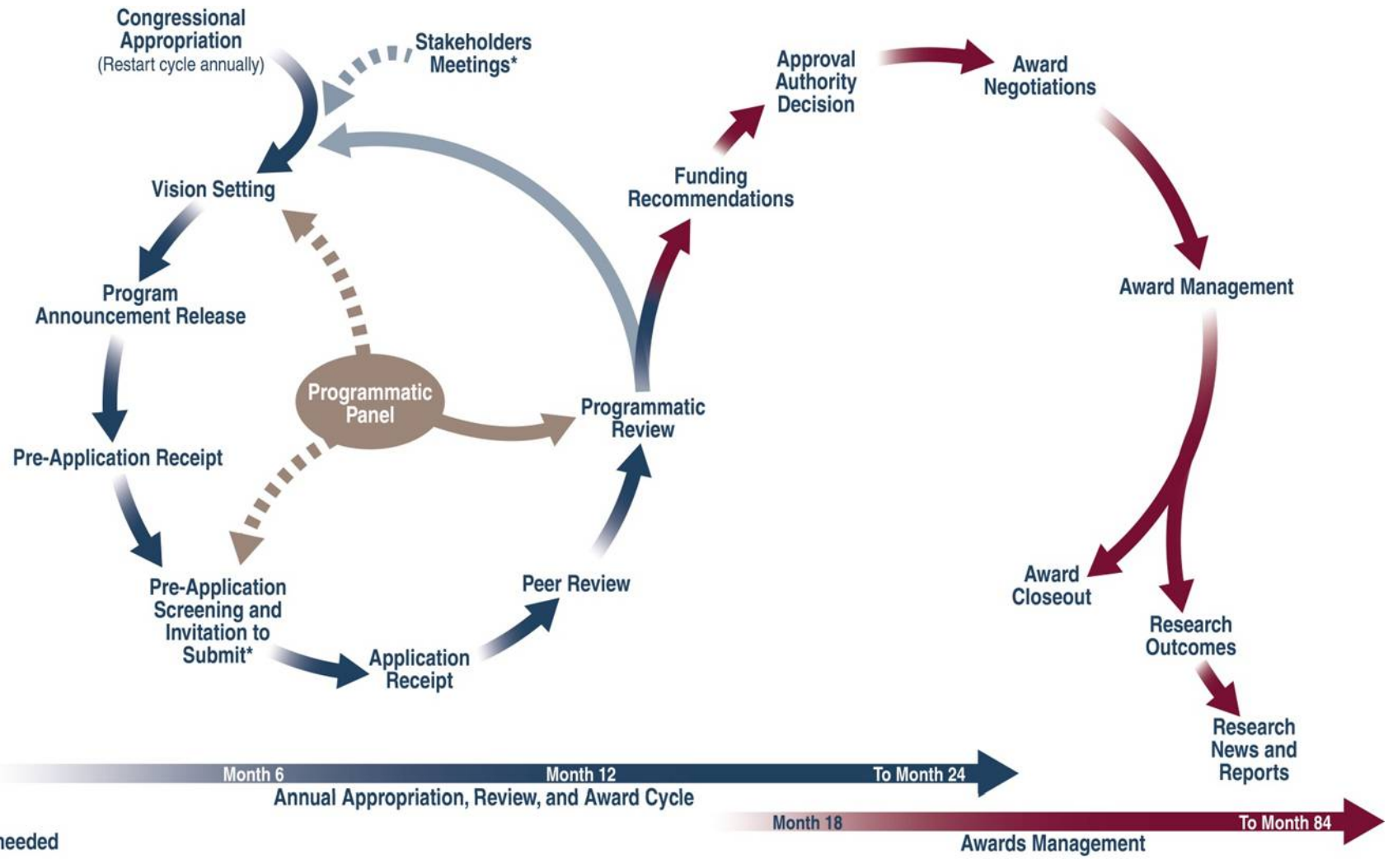
TOTAL = \$1.1B

A Major Funder

- ◆ The CDMRP is THE leading U.S. funder for Neurofibromatosis research
- ◆ The CDMRP is the 2nd largest U.S. funder for research in:
 - ❖ Breast cancer
 - ❖ Gulf War Illness
 - ❖ Lung cancer
 - ❖ Ovarian cancer
 - ❖ Prostate cancer
 - ❖ Tuberosclerosis complex



Program Cycle



Goal of the Two-Tier Review Process

Mission

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

**Peer
Review**

Partnership

**Programmatic
Review**

- ◆ **Criterion-based evaluation of full proposal**
 - ◆ **Determination of “absolute” scientific merit**
 - ◆ **Outcome: Written critique and scores for individual criteria and overall merit**
 - ❖ No standing peer review panels
 - ❖ No contact between reviewers and applicants
- ◆ **Comparison among proposals of high scientific merit**
 - ◆ **Determination of adherence to intent and program relevance**
 - ◆ **Outcome: Funding recommendations**
 - ❖ No “pay line” (portfolio balance)
 - ❖ Funds obligated up front; no out-year budget commitments (but milestones imposed)
 - ❖ No continuation funding

Award Mechanisms Pipeline

Career Development

Funding for all career stages



Research Awards

Closing gaps in research through innovative and impactful research

Transparency


<https://cdmrp.army.mil>

- ◆ Financials
- ◆ Funding Opportunities
- ◆ Search Awards
- ◆ Research Outcomes

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Novel Biomarker Signature Predicts Aggressive Prostate Cancer in African Americans
Kosj Yamoah, M.D., Ph.D.
Moffitt Cancer Center

Latest News

- Gene editing offers hope for treating Duchenne Muscular Dystrophy [The New York Times, January 11, 2016](#)
- How Hitting the Reply Button Made Me An MS Advocate [Everyday Health, January 7, 2016](#)
- Nuclear transport problems linked to ALS and PTSD [National Institutes of Health, November 6, 2015](#)

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Consumers



[Consumer Nomination Form >](#)

[Consumer Experiences >](#)

Latest News

- PHMP** Pitt Team Identifies Cause of Resilience to Tinnitus, Drugs that Can Reduce Chance of Developing the Debilitating Condition [\(external link\)](#)
- PCRP** Combination Therapy Prostate Cancer Vaccine Trial Begins [\(external link\)](#)
- PH/TBI** Women Soldiers at No Greater Risk for PTSD [\(external link\)](#)

Resources

- [Avoiding Research Duplication](#)
- [Funded Investigators Guide](#)
- [Human Subject Resource Document](#)
- [Annual Reports](#)
- [CDMRP at a Glance](#)
- [FY14/15 Applications Recommended for Funding](#)

Amyotrophic Lateral Sclerosis | Breast Cancer | Defense Medical Research and Development | Military Burn | Neurofibromatosis | Ovarian Cancer | Peer Reviewed Medical | Tuberos Sclerosis Complex

For your Service and Participation



Thank you

