The Congressionally Directed Medical Research Programs

CDMRP Plenary Briefing

Fiscal Year 2016
Who is the CDMRP?

Department of Defense

Department of the Army

Army Medical Command

Medical Research and Materiel Command

Congressionally Directed Medical Research Programs
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.
<table>
<thead>
<tr>
<th>Program</th>
<th>$M</th>
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<tbody>
<tr>
<td>Alcohol and Substance Abuse Disorders</td>
<td>$4.0</td>
<td>Peer Reviewed Alzheimer’s</td>
<td>$15.0</td>
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<tr>
<td>Amyotrophic Lateral Sclerosis</td>
<td>$7.5</td>
<td>Peer Reviewed Cancer (13 Topics)</td>
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<tr>
<td>Autism</td>
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<td>Peer Reviewed Medical (39 Topics)</td>
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<td>Bone Marrow Failure</td>
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<td>Peer Reviewed Orthopaedic</td>
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<td>Breast Cancer</td>
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<td>Prostate Cancer</td>
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<td>Breast Cancer Research Semipostal</td>
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<td>Reconstructive Transplant</td>
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<tr>
<td>Duchenne Muscular Dystrophy</td>
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<td>Spinal Cord Injury</td>
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<td>Epilepsy</td>
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<td>Tick-Borne Disease</td>
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<td>Gulf War Illness</td>
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<td>Trauma Clinical</td>
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<td>Joint Warfighter Medical (1)</td>
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<td>Tuberous Sclerosis</td>
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<td>Lung Cancer</td>
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<td>Vision</td>
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<td>Military Burn</td>
<td>$8.0</td>
<td>Programs Managed on behalf of Others: (1)</td>
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<tr>
<td>Multiple Sclerosis</td>
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<td>Centers of Excellence</td>
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<tr>
<td>Neurofibromatosis</td>
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<td>Defense Medical R&amp;D</td>
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<td>Orthotics and Prosthetics Outcomes</td>
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<td>Defense Medical R&amp;D Restoral</td>
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<tr>
<td>Ovarian Cancer</td>
<td>$20.0</td>
<td>Psychological Health and Traumatic Brain Injury</td>
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<td>Parkinson’s</td>
<td>$16.0</td>
<td>Small Business Innovation Fund</td>
<td>$3.6</td>
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</tbody>
</table>

(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
  - Tuberous sclerosis complex
Program Cycle

Congressional Appropriation
(Annual cycle)

Stakeholders Meetings*

Approval Authority Decision

Award Negotiations

Award Management

Award Closeout

Research Outcomes

Research News and Reports

Month 6
Month 12
To Month 24

Annual Appropriation, Review, and Award Cycle

Month 18
To Month 84

*As needed
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

- 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

Partnership

Programmatic Review

- 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

- Predoctoral
- Postdoctoral
- Physician Scientist
- New Investigator
- Established Investigator

- Initial Concepts
- Early Ideas
- Clinical/Translational
- Team Science
- Clinical Trials

Research Awards
Closing gaps in research through innovative and impactful research
https://cdmrp.army.mil

- Financials
- Funding Opportunities
- Search Awards
- Research Outcomes
For your Service and Participation

Thank you