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CDMRP Partnerships

**Advocates**
- Demonstrate need
- Participate at all levels
- Passion and perspective

**Congress**
- Add funds to budget
- Targeted guidance
- Opportunity to leverage

**Researchers**
- Innovation and gaps
- Risk/Benefit
- Product-oriented

**DOD**
- Program management
- Regulatory and budget requirements
- Institute of Medicine model
Hallmarks of the CDMRP

- Research funds added to DOD budget by Congress
- Vision is adapted yearly, and award mechanisms are changed as needed
- Consumer advocates participate throughout process
- Fund highly innovative, high-impact research
- Two-tier formal review of applications – Institute of Medicine model
Program Execution

Congressional Appropriation Receipt of Funds
(restart cycle annually)

Stakeholders Meeting

Vision Setting

Release of Program Announcement

Pre-Application Receipt

Pre-Application Screening and Invitation to Submit

Peer Review

Programmatic Review

Approval of Commanding General

Candidate Award List

Negotiations
- RAA
- ORP Issues
  - Human/Animal Use
  - Other
- Peer/Programmatic Review Issues

Awards Management
- RAA
- ORP
- CDMRP
- Products
  - Annual Reports
  - Publications
  - Patents

Award Closeout

Research Outcomes Database

Research News and Reports

Month 6
Month 12
Month 18
To Month 24

Annual Appropriation, Review, and Award Cycle

Month 18
To Month 60

Awards Management
Vision: To understand and cure bone marrow failure disease

Mission: To encourage and support innovative research that is committed to advancing the understanding of inherited and acquired bone marrow failure diseases, thereby improving the health of affected individuals, with the ultimate goals of prevention and cure

♦ Idea Development Award: Supports conceptually innovative, high impact approaches to Bone Marrow Failure research to move toward the vision of understanding and curing Bone Marrow Failure diseases.

FY08-12:
$16.95 M
41 awards
**Vision:** To end breast cancer by funding innovative, high-impact research through a partnership of scientists and consumers

♦ **Postdoctoral Fellowship Award:** Supports training of exceptionally talented postdoctoral fellows

♦ **Era of Hope Scholar Award:** Supports exceptionally talented, creative, and visionary early-career investigators

♦ **Innovator Award:** Supports visionary individuals who have demonstrated creativity, innovative work, and leadership

♦ **Breakthrough Award:** Supports promising research that has the potential to lead to or make breakthroughs in breast cancer

FY13: $120M
FY97-12: $2.8B
Over 6,100 awards
Lung Cancer Research Program

**Vision:** Eradicate deaths from lung cancer

**Mission:** Support and integrate research from multiple disciplines for risk assessment, early detection, diagnosis, prevention, and treatment for the control and cure of lung cancer

*Concept Award:* Supports highly innovative, untested potentially groundbreaking concepts in lung cancer

*Career Development Award:* Supports early-career, independent investigators to conduct innovative research under the mentorship of an experienced lung cancer researcher

*Idea Development Award:* Supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths from lung cancer

*Clinical Exploration Award:* Supports early-phase, proof-of-principle clinical trials and correlative studies to investigate hypothesis-based, innovative interventions and/or avenues of research that have the potential for a profound impact on the clinical management of lung cancer

**FY13:** $10.5M

**FY09-12:** $58M

61 awards
**Neurofibromatosis Research Program (NFRP)**

**Vision**
Decrease the clinical impact of neurofibromatosis.

**Mission**
Promote research directed toward the understanding, diagnosis and treatment of NF1, NF2 and schwannomatosis to enhance the quality of life of persons with those diseases.

- **Clinical Trial Award**
- **Exploration - Hypothesis Development Award**
- **Investigator-Initiated Research Award**
- **New Investigator Award**

**FY13: $15M**
**FY96-12: $243M**
**296 awards**
**Vision:** Eliminate ovarian cancer

**Mission:** To support research to detect, diagnose, prevent, and control ovarian cancer

♦ **Clinical Translational Leverage Award:** Supports leveraging of existing human-based ovarian cancer resources in translational research

♦ **Resource Development Award:** Supports either the development of a new resource(s) or increasing the utility of existing human-based resource(s)

♦ **Pilot Award:** Supports conceptually innovative, high-risk/high-reward research that could ultimately lead to critical discoveries or major advancements that will drive the field of ovarian cancer research

♦ **Teal Innovator Award:** Supports a visionary individual from any field principally outside of, but not exclusive of, ovarian cancer to focus their creativity, innovation, and leadership on ovarian cancer research

**FY13:** $20M

**FY97-12:** $196.45M

284 awards
Peer Reviewed Cancer Research Program

**Vision:** To improve quality of life by decreasing the impact of cancer on service members, their families, and the American public.

**Mission:** To foster the next generation of cancer research by providing new and early-career investigators opportunities to successfully pursue high-impact research for the prevention, detection, and treatment of cancer.

♦ **Idea Award with Special Focus:** support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods in cancer research that are directly relevant to service members, their families, and other military beneficiaries.

**FY13 Topic Areas (required)**
- Blood cancers
- Colorectal cancer
- Genetic cancer research
- Kidney cancer
- *Listeria* vaccine for cancer
- Melanoma and other skin cancers
- Mesothelioma
- Neuroblastoma
- Pancreatic cancer
- Pediatric brain tumors

**FY13:** $15M
**FY09-12:** $59.8M
146 awards
Prostate Cancer Research Program

**Vision:** Conquer prostate cancer

**Mission:** Fund research that will lead to the elimination of death from prostate cancer and enhance the well-being of men experiencing the impact of the disease

FY13: $80M
FY97-12: $1.2B
Over 2,600 awards

♦ **Biomarker Development Award ($2.25 M):** Supports multi-institutional validation and/or qualification studies to bring known biomarkers into clinical practice

♦ **Exploration-Hypothesis Development Award ($75K):** Supports highly innovative, untested potentially groundbreaking concepts in prostate cancer

♦ **Health Disparity Research Award ($600K):** Supports new ideas aimed at reducing disparities in prostate cancer incidence, morbidity, and mortality

♦ **Idea Development Award ($375K):** Supports innovative, high-risk/high-reward research toward eliminating deaths from prostate cancer

♦ **Laboratory-Clinical Transition Award ($1.5M):** Supports product-driven preclinical studies of promising novel lead agents or devices that could revolutionize prostate cancer clinical care

♦ **Population-Based Impact Award ($750K):** Supports high-impact approaches to prostate cancer research from the perspective of population-based studies

♦ **Synergistic Idea Development Award ($750K):** Supports partnerships between 2 or 3 independent investigators addressing a central innovative question or problem in prostate cancer

♦ **Transformative Impact Award ($5M):** Supports prostate cancer research efforts with near-term, transformative impact for prostate cancer patients
Spinal Cord Injury Research Program (SCIRP)

Vision
Advance the treatment and management of spinal cord injury and ameliorate its consequences relevant to injured Service members

Mission
To fund innovative and interdisciplinary research and foster collaborative environments for the development and translation of more effective strategies to improve the health and well-being of Service members, Veterans, and other individuals with spinal cord injury

♦ Clinical Trial Award
♦ Investigator-Initiated Research Award
♦ Qualitative Research Award
♦ Translational Research Award

FY13: $30M
FY09-12: $68M
98 awards
Tuberous Sclerosis Complex Research Program (TSCRP)

**Vision**
To lessen the impact of TSC

**Mission**
To encourage innovative research aimed at understanding the pathogenesis and manifestations of TSC to improve the lives of individuals with TSC.

- Exploration - Hypothesis Development Award
- Idea Development Award
- Pilot Clinical Trial Award

FY13: $6M
FY02-12: $41M
97 awards