

Defense Health Program
 Fiscal Year (FY) 2010 Budget Estimates
 Exhibit R-2, DHP RDT&E Budget Item Justification

Appropriation/Budget Activity
 Defense Health Program/BA: 2

DATE: May 2009
 R1 Item Nomenclature: 6
 Medical Technology Development
 0603115HP

COST: (Dollars in Millions)

	2008 Actual	2009 Estimate	2010 Estimate
Total PE 0603115	754.282	723.354	113.316
Breast Cancer Center of Excellence (CoE) (Budgeted) (Army)	0.000	0.000	5.310
CSI-Advanced Military Wound Healing and Treatment (Army)	0.975	0.000	0.000
CSI-Amyotrophic Lateral Sclerosis (ALS) (Army)	0.000	4.875	0.000
CSI-Autism Research (Army)	6.240	7.800	0.000
CSI-Battlefield Wounded Treatment Initiative (Army)	1.170	0.000	0.000
CSI-Bone Marrow Failure Disorder Research (Army)	0.975	4.875	0.000
CSI-Breast Cancer Center (Army)	0.000	14.625	0.000

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CSI-Cancer Immunotherapy and Cell Therapy Initiative (Navy)	0.000	1.560	0.000
CSI-Comprehensive Clinical Phenotyping and Genetic Mapping for Autism Susceptibility (Air Force)	0.000	1.560	0.000
CSI-Copper Antimicrobial Research Program (Army)	2.925	1.560	0.000
CSI-Defense Graduate Psychology Education Program (USUHS)	0.969	0.000	0.000
CSI-DoD Brain Injury Rescue and Rehabilitation Project (BIRR) (Army)	0.000	1.170	0.000
CSI-Fort Jackson Identifying Health Barriers Project (Army)	2.340	0.000	0.000

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	2008 Actual	2009 Estimate	2010 Estimate
CSI-Genetics Studies of Food Allergies (Army)	0.000	2.437	0.000
CSI-Global HIV/AIDS Prevention (Navy)	7.800	8.000	0.000
CSI-GWOT-Battle Casualty & Psychological Health Research (Army)	266.955	0.000	0.000
CSI-Gynecological Cancer Center (WRAMC/WRNNMC) (Army)	0.000	5.850	0.000
CSI-Gynecological Cancer Center at Walter Reed AMC (Army)	3.900	0.000	0.000
CSI-Hawaii Federal Healthcare Network (Army)	24.375	22.425	0.000
CSI-Health Research & Disparities Eradication Program (Army)	0.000	6.338	0.000

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CSI-Identifying Health Barriers for Military Recruits (Army)	0.000	2.925	0.000
CSI-Integrated Cardiac Health Care at Walter Reed AMC (Army)	3.900	0.000	0.000
CSI-Integrated Transitional Prostate Disease Research at Walter Reed AMC (USUHS)	4.875	3.900	0.000
CSI-Integrative Cardiac Health Care (WRAMC/WRNNMC) (Army)	0.000	6.825	0.000
CSI-Light Emitting Diodes (LED) Wound Healing of Oral and Cutaneous Lesions (USAF)	3.120	0.000	0.000
CSI-Lung Injury Management Program (Navy)	0.000	1.170	0.000

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CSI-Malaria Research (Army)	1.950	0.000	0.000
CSI-Management of the Wounded Soldier from Air Evacuation to Rehabilitation (Air Force)	0.000	2.437	0.000
CSI- Microencapsulation & Vaccine Delivery Research (Army)	0.000	0.780	0.000
CSI-Military Trauma Training Program (Air Force)	0.000	0.780	0.000
CSI-Mobile Diabetes Management (Air Force)	0.000	1.560	0.000
CSI-Multiple Sclerosis (Army)	0.000	4.875	0.000
CSI-Muscular Dystrophy Research (Army)	3.900	3.900	0.000
CSI-Neuregulin Research (Army)	0.000	1.482	0.000

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CSI-Neuroscience Clinical Gene Therapy (Air Force)	0.000	0.780	0.000
CSI-New National Diabetes Model Program (Air Force)	19.500	15.112	0.000
CSI-Ovarian Cancer Research (Army)	9.750	19.500	0.000
CSI-Pain and Neuroscience Center (WRAMC/WRNNMC) (Army)	0.000	7.800	0.000
CSI-Patient Tracking Ontology (Army)	0.000	2.437	0.000
CSI-Peer Reviewed Breast Cancer Research (Army)	134.550	146.250	0.000
CSI-Peer Reviewed Medical Research Program (Army)	48.750	48.750	0.000
CSI-Peer Reviewed Prostate Cancer Research (Army)	78.000	78.000	0.000

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CSI-Peer-Reviewed Cancer Research Program (Army)	0.000	15.600	0.000
CSI-Peer-Reviewed Lung Cancer Research Program (Army)	0.000	19.500	0.000
CSI-Peer-Reviewed Orthopedic Research (Army)	0.000	59.475	0.000
CSI-Peer-Reviewed Spinal Cord Research Program (Army)	0.000	34.125	0.000
CSI-Peer-Reviewed Vision Research (Army)	0.000	3.900	0.000
CSI-Pharmacological Countermeasures to Ionizing Radiation (USUHS)	3.705	0.780	0.000
CSI-Preventing Epilepsy After Traumatic Brain Injury (Army)	1.170	0.000	0.000

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CSI-Proton Therapy (Army)	0.000	4.680	0.000
CSI- Pseudofolliculitis Barbae (PFB) Topical Treatment (Air Force)	0.000	0.780	0.000
CSI-Research to Improve Emotional Health and Quality of Life for Service Members w/Disabilities (Army)	0.000	2.340	0.000
CSI-Reservist Medical Simulation Training Program (Army)	0.000	0.780	0.000
CSI-Security Solutions from Life in Extreme Environments Center (USUHS)	0.000	1.170	0.000
CSI-Severe Disorders of Consciousness (Army)	0.000	6.240	0.000

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CSI-Stress Disorders Research Initiative at Fort Hood (Army)	2.652	1.560	0.000
CSI-Telerobotic and Minimally Invasive Surgery at WRAMC (Army)	0.975	0.000	0.000
CSI-Traumatic Brain Injury/Psychological Health (TBI/PH) Hyperbaric Oxygen Therapy (HBOT) (Navy)	0.000	13.800	0.000
CSI-Traumatic Brain Injury/Psychological Health (TBI/PH) (Army)	0.000	73.950	0.000
CSI-Tricorder Detection (Air Force)	1.162	0.000	0.000
CSI-Tuberous Sclerosis Complex (TSC) Research (Army)	3.900	5.850	0.000
CSI-U.S. Military Cancer Institute (USUHS)	3.900	3.900	0.000

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CSI-Vanadium Safety Readiness (Army)	2.925	1.560	0.000
CSI-Virtual Medical Trainer (Air Force)	2.324	3.900	0.000
Deployed Warfighter Protection (Army)	4.863	4.875	5.100
Deployed Warfighter Protection (Army)(Budgeted) at TMA	0.000	0.000	0.000
Deployed Warfighter Protection (Army)(Budgeted) at USUHS	0.012	0.000	0.000
Epidemic Outbreak Surveillance (Air Force)	2.048	1.560	0.000
Gynecological Cancer Center of Excellence (CoE)(Budgeted)(Army)	0.000	0.000	4.820
Integrative Cardiac Health Care Center of Excellence (CoE)(Budgeted)(Army)	0.000	0.000	3.490

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Medical Development (Lab Support) (Navy)	19.331	19.752	33.467
Medical Development for GDF Enhancement (TMA)	0.000	0.000	7.110
Medical Modernization Programs (Air Force)	4.101	3.307	0.000
Pain and Neuroscience Center of Excellence (CoE) (Budgeted) (Army)	0.000	0.000	4.000
Prostate Cancer Center of Excellence (CoE) (Budgeted) (USUHS)	0.000	0.000	3.380
Regenerative Medicine (USUHS)	68.250	0.000	3.500
USAF Advanced Diagnostics & Therapeutics (Air Force)	0.000	0.000	6.800

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USAF Center for Advanced Molecular Diagnostics (CAMD) (Air Force)	1.560	2.096	4.987
USAF Directed Energy Injury/Human Effects (Air Force)	0.000	0.000	1.100
USAF Human Physiology, Systems Integration, Evaluation & Optimization Research (Air Force)Evaluation & Optimization Research	1.950	3.001	5.602
USAF Operational Medicine Research & Development (Air Force)	2.535	2.535	7.650
USAMRIID Laboratory (Army)	0.000	0.000	17.000

FOOTNOTE: However not reflected in the chart above, the statutory Congressional Special Interest item for Global HIV/AIDS Prevention (Navy) for FY 2008, will execute at the appropriated amount of \$8.0 million.

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: For the Army Medical Department, the Deployed Warfighter Protection project provides for the development of new or improved protection of ground forces from

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disease-carrying insects. The focus of this program is to: develop new or improved systems for controlling insects that carry disease under austere, remote, and combat conditions; understand the physiology of insecticidal activity to develop new compounds with greater specific activity and/or higher user acceptability; examine existing area repellents for efficacy and develop new spatially effective repellent systems useful in military situations; develop new methods or formulations for treating cloth to prevent vector biting; and expand the number of active ingredients and formulations available for safe, insecticidal application.

For FY10 a one-time requirement is established to provide funds to support USAMRIID initial outfitting research equipment and transition costs related to their new Military Construction (MILCON) project.

Four Centers of Excellence (CoE) have also been funded in FY10. These include the Breast Cancer CoE, Gynecological CoE, Integrative Cardiac Health Care CoE, and the Pain and Neuroscience CoE.

The Breast Cancer CoE will provide a multidisciplinary approach as the standard of care for treating breast diseases and breast cancer. This approach integrates prevention, screening, diagnosis, treatment and continuing care, incorporation of advances in risk reduction, biomedical informatics, tissue banking and translational research. It will provide a balance environment between two competing and yet complementary research paradigms of hypothesis-driven research and hypothesis-generating research.

The Gynecological CoE will focus on characterizing the molecular alterations associated with benign and malignant gynecologic disease and facilitate the development of novel early detection, prevention and novel biologic therapeutics for the management of gynecologic disease. The objective of this research is to reduce the incidence, morbidity, and mortality of gynecologic diseases among all military beneficiaries.

The Integrative Cardiac Health Care CoE will use cutting edge patient centric approaches to comprehensive cardiac event prevention as well as molecular research to detect cardiovascular disease at an early stage to find new genes that significantly increase risk for heart attack in service members and identify molecular markers of obesity and weight loss.

The Pain and Neuroscience CoE will focus on a wide range of neurological and neurosurgical disorders affecting the uniformed service member. The neuroscience component will conduct research in three core areas: acute neurology, neuromuscular disorders and headache. Research to be conducted will examine the relationship between acute and chronic pain focusing on finding, implementing, and evaluating the most effective methods of

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relieving the acute pain caused by combat trauma and the effect this has throughout the continuum to rehabilitation and reintegration.

The Army also receives Congressional Special Interest (CSI) directed research programs. The strategy for the FY09 Congressionally directed research identified above is to stimulate innovative research through a competitive, peer reviewed research program, as well as focused medical research at selected Army sites. Specific research efforts include Amyotrophic Lateral Sclerosis (ALS); Autism Research; Bone Marrow Failure Research; a Breast Cancer Center; DoD Brain Injury Rescue and Rehabilitation Project; Copper Antimicrobial Research Program; Duchenne Muscular Dystrophy; Genetics Studies of Food Allergies; Gynecological Cancer Center; Hawaii Federal Health Care Network; Health Research & Disparities Eradication Program; Identifying Health Barriers for Military Recruits; Integrative Cardiac Health Care; a Lung Injury Management Program; Microencapsulation and Vaccine Delivery; Mobile Diabetes Management; Multiple Sclerosis; Neuregulin Research; a Pain and Neuroscience Center; Patient Tracking Ontology; Peer Reviewed Programs to include: Medical Research, Breast Cancer Research, Cancer Research, Lung Cancer Research, Orthopedic Research, Ovarian Cancer Research, Prostrate Cancer Research, Spinal Cord Research, and Vision Research; Proton Therapy; Research to Improve Emotional Health and Quality of Life for Service Members with Disabilities; Reservist Medical Simulation Training Program; Severe Disorders of Consciousness; Stress Disorders Research Initiative at Fort Hood; Traumatic Brain Injury/Psychological Health ; Tuberos Sclerosis Complex (TSC); and Vanadium Safety Readiness. Because of the CSI annual structure out-year funding is not programmed.

For the Navy Medical Department, this program element includes DHP RDT&E funds for operating and miscellaneous support costs at DHP RDT&E laboratories and other installations, facility and civilian personnel costs not directly chargeable to DHP RDT&E projects. Also includes DHP RDT&E funds for DHP RDT&E laboratories and facilities for research, support, equipment and other investment and materiel support costs not directly chargeable to DHP RDT&E projects. (Excludes military manpower and related costs, non-RDT&E, Navy base operating costs, and military construction costs which are included in other appropriate programs.)

The seven CONUS medical R&D Labs are 100% reimbursable laboratories, all costs related to laboratory management and overhead or salaries of government employees are paid from science/research competitively awarded funding. The OCONUS laboratories conduct focused medical research on vaccine development for Malaria, Diarrhea Diseases, and Dengue Fever. In addition to entomology, HIV studies, surveillance and outbreak response under the GEIS program and risk assessment studies on a number of other infectious diseases that are present in the geographical regions where the laboratories are located. The CONUS laboratories conduct research on Military Operational Medicine, Combat Casualty Care, Diving and Submarine Medicine, Infectious

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Diseases, Environmental and Occupational Health, Directed Energy, and Aviation Medicine and Human Performance. For the Air Force Medical Service elements, the Medical Research and Development program supports the Research, Development, Test and Evaluation efforts needed to address ongoing and planned modernization initiatives aimed to:

- 1) Improve recovery of individuals from illness and/or injury; enhance clinical response (modernized diagnostics, therapeutics, and critical care air transport capabilities), treatment and management, and return of individuals to duty status. Enhance human health and performance to maximize effectiveness and ability to operate;
- 2) Improve human ability (i.e. visual, auditory, cognitive) to operate under adverse environments to include biological, radiological, nuclear, and high yield explosives (CBRNE), directed energy, and high operational tempo (human system integration initiatives will play a pivotal role in addressing these requirements);
- 3) Enhance capabilities for the maintenance of a fit and healthy force (example mission foods/special diets for the warfighter based on mission scenarios);
- 4) Enhance Force Health Protection through advanced Health Surveillance capabilities emphasizing improved diagnostics (Epidemic Outbreak Surveillance platforms);
- 5) Improve healthcare delivery effectiveness (diagnosis, treatment) through Advanced diagnostics, therapeutics & forensics with emphasis on organ systems, diseases, vectors, toxins, occupational toxicology and analytical systems-specific technologies such as: molecular diagnostics, surface detection to molecule sensitivity, gene therapy, miniaturization-hand held/point of care delivery tools, and surveillance capabilities;
- 6) Optimize warfighter performance through effective Human Systems Integration in all environments; maintain warfighter orientation and awareness; and providing technologies for the detection, prevention, and mitigation of adverse human effects;
 - a. Optimization efforts will focus on: hydration, nutrition, musculoskeletal, fatigue, cognitive, and fitness factors.
 - b. Orientation and awareness efforts will address: spatial disorientation countermeasures, ocular enhancement, auditory enhancement, and proprioceptive enhancement issues
- 7) Improve clinical processes, methods, tools and techniques for prevention, diagnosis, treatment, and rehabilitation of critically wounded warriors, addressing the needs for advanced devices and protocols for trauma resuscitation, enroute critical care air transport, organ failure and intervention, TBI, PTSD, wound care, pain, infection & clinically-based visual acuity/cognitive assessments (operationally-based vision assessment).
- 8) Address injury/effects to Humans from Directed Energy (DE), with emphasis on injury /effect detection, identification, quantification and mitigation (DIQM).

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For the Uniformed Services University of the Health Sciences (USUHS), the above programs are strictly Congressionally mandated requirements for medical research. Congressionally mandated medical requirements were appropriated as part of the Defense Health Program, beginning in Fiscal Year 1999 National Defense Appropriation Act, for specific medical RDT&E projects. These unique projects were not programmed by the Department. The Uniformed Services University of the Health Sciences goals for these programs are (1) building a national research infrastructure by funding large, multidisciplinary program projects focused on detection and disease/injury prevention and treatment; (2) conduct research into biomedical strategies for preventing, treating, assessing and predicting the health effects of human exposure to ionizing radiation; (3) encouraging innovative approaches to research by funding new ideas and technology with or without supporting preliminary data; and (4) recruiting new, independent investigators for careers in research, as well as more senior investigators new to the research field.

In 1991, the United States Congress expressed a growing concern over the incidence of prostate cancer and the controversy over the optimal treatment of the various stages of the disease. The Congress also supported the need for both basic and clinical research in prostate cancer in order to reduce the incidence of this life threatening disease and to develop more effective, more specific and less toxic forms of therapy for patients in all stages of the disease. Pursuant to discussions at various levels of military medicine, Congress provided funding in 1992 to establish a Center for Prostate Disease Research. USUHS was designated to provide for the establishment and administration of the Center for Prostate Disease Research (CPDR) as authorized in Public Law 102-172. The monies for this Center have traditionally been appropriated in the Army Research, Development Testing and Evaluation (RDT&E) accounts. Beginning in FY06, the monies to support the CPDR were appropriated into the Defense Health Program in the Research, Development, Test and Evaluation account.

The Center for Prostate Disease Research (CPDR) is a program within the Department of Surgery of the School of Medicine, Uniformed Services University of the Health Sciences (USUHS). USUHS provides the administrative and scientific oversight of the program to include selection of the Director of the CPDR. The CPDR has been chartered since 1992 to conduct basic, clinical and translational research programs that strive to combat diseases of the prostate. The CPDR has affiliations with the Walter Reed Army Medical Center, the Armed Forces Institute of Pathology, the Walter Reed Army Institute of Research, the National Humane Genome Project and nine Tri-Service medical centers located throughout the United States.

Projects in this PE also address areas of interest to the Secretary of Defense and to close medical capability gaps associated with the Joint Force Health Protection Concept of Operations (JFHP CONOPS) and are complementary to research conducted by the Army, Navy and Air Force in analogous program elements. Projects

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supported by this PE include Trauma, Polytrauma and Blast Injury, Rehabilitation, Diagnosis and Treatment of Brain Injury, Operational Health and Performance, Psychological Health and Well-Being for Military Personnel and Families, and Medical Informatics, Modeling and Simulation.

B. PROGRAM CHANGE SUMMARY:

	<u>2008</u>	<u>2009</u>	<u>2010</u>
FY10 Budget Estimate RDT&E	417.907	38.077	85.206
Center of Excellence	0.000	0.000	21.000
Congressional Special Interest	0.000	703.620	0.000
GDF Enhancement	0.000	0.000	7.110
Realignment	0.000	0.000	0.000
Reprogram	1.200	0.000	0.000
SBIR	-8.625	-18.343	0.000
Supplemental Appropriation	343.800	0.000	0.000
FY10 Budget Submission RDT&E	754.282	723.354	113.316

PROGRAM CHANGE SUMMARY EXPLANATION:

FY 08:

- Defense Supplemental Appropriation for FY 2008, Title IX, Public Law 110-252 (P.L. 110-252) increases for Battle Casualty and Psychological Health Research (\$273.8 million), and Center for Neuroscience and Regenerative Medicine (\$70.0 million)
- Reprogram (FY 08-45 IR) increase for Congressional Special Interest item Battlefield Wounded Treatment Medicine (\$1.2 million)
- SBIR Transfer from DHP RDT&E Program Element 0603115-Medical Development to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (\$8.625 million) for proper execution

FY 09:

- DoD Appropriation Act, FY 2009 (P.L. 110-329) increases for Congressional Special Interest items as follows: Amyotrophic Lateral Sclerosis (ALS) (\$5.0 million), Autism Research (\$8.0 million), Bone Marrow Failure

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Research (\$5.0 million), Breast Cancer Center (WRAMC/WRNNMC) (\$15.0 million), Cancer Immunotherapy and Cell Therapy Initiative (\$1.6 million), Comprehensive Clinical Phenotyping and Genetic Mapping (Autism) (\$1.6 million), Copper Antimicrobial Research Program (\$1.6 million), DoD Brain Injury Rescue and Rehabilitation Project (\$1.2 million), Duchenne Muscular Dystrophy (\$4.0 million), Genetics Studies of Food Allergies (\$2.5 million), Global HIV/AIDS Prevention (\$8.0 million), Gynecological Cancer Center (WRAMC/WRNNMC) (\$6.0 million), Hawaii Federal Health Care Network (\$23.0 million), Health Research and Disparities Eradication Program (\$6.5 million), Identifying Health Barriers for Military Recruits (\$3.0 million), Integrated Translational Prostrate Cancer Center (WRAMC/WRNNMC) (\$4.0 million), Integrative Cardiac Health Care (WRAMC/WRNNMC) (\$7.0 million), Lung Injury Management Program (\$1.2 million), Management of the Wounded Soldier from Air Evacuation to Rehabilitation (\$2.5 million), Microencapsulation and Vaccine Delivery (\$0.8 million), Military Trauma Training Program (\$0.8 million), Mobile Diabetes Management (\$1.6 million), Multiple Sclerosis (\$5.0 million), National Diabetes Model Program (\$15.5 million), Neuregulin Research (\$1.520 million), Neuroscience Clinical Gene Therapy Center (OSUMC) (\$0.8 million), Pain and Neuroscience Center (WRAMC/WRNNMC) (\$8.0 million), Patient Tracking Ontology (\$2.5 million), Peer Reviewed Medical Research Program (\$50.0 million), Peer-Reviewed Breast Cancer Research Program (\$150.0 million), Peer-Reviewed Cancer Research Program (\$16.0 million), Peer-Reviewed Lung Cancer Research Program (\$20.0 million), Peer-Reviewed Orthopedic Research (\$61.0 million), Peer-Reviewed Ovarian Cancer Research Program (\$20.0 million), Peer-Reviewed Prostrate Cancer Research Program (\$80.0 million), Peer-Reviewed Spinal Cord Research Program (\$35.0 million), Peer-Reviewed Vision Research (\$4.0 million), Pharmacologic Countermeasures to Ionizing Radiation (\$0.8 million), Proton Therapy (\$4.8 million), Pseudofolliculitis Barbae (PFB) Topical Treatment (\$0.8 million), Research to Improve Emotional Health and Quality of Life for Service Members w/Disabilities (\$2.4 million), Reservist Medical Simulation Training Program (\$0.8 million), Security Solutions from Life in Extreme Environments Center (\$1.2 million), Severe Disorders of Consciousness (IBRF) (Note: Department of Defense Military Health System Enhancement) (\$6.4 million), Stress Disorders Research Initiative at Fort Hood (\$1.6 million), Traumatic Brain Injury/Psychological Health (\$75.846 million), Traumatic Brain Injury/Psychological Health (\$75.846 million) Hyperbaric Oxygen Therapy (HBOT) (\$14.154 million), Tuberous Sclerosis Complex (TSC) (\$6.0 million), US Military Cancer Institute (\$4.0 million), Vanadium Safety Readiness (\$1.6 million), Virtual Medical Trainer (\$4.0 million).

- SBIR Transfer from DHP RDT&E Program Element 0603115-Medical Development to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (\$18.543 million) for proper execution

FY 10:

- Program increase for Guidance for Development of the Force (GDF) Enhancement (\$7.110 million)

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- Program increase for Centers of Excellence (CoE) (\$21.0 million) as follows: Breast Cancer CoE (\$5.310 million); Gynecological CoE (\$4.820 million); Integrative Cardiac Health Care CoE (\$3.490 million); Pain and Neuroscience CoE (\$4.0 million); and Center for Prostate Disease Research (CPDR) (\$3.380 million).

C. OTHER PROGRAM FUNDING SUMMARY:

	FY 2008	FY 2009	FY 2010
	Estimate	Estimate	Estimate
DHP Operation & Maintenance	13.600	11.300	31.519
BA-1, PE 0806721	0.000	0.000	4.000
BA-1, PE 0807714	13.600	9.300	7.519
BA-1, PE 0807724	0.000	2.000	0.000
BA-1, PE 0807781	0.000	0.000	3.000
DHP Procurement	0.000	1.000	0.000
BA-3, PE 0807721	0.000	1.000	0.000
DTRA. RDT&E	0.000	0.000	1.995
BA-6, 0605384	0.000	0.000	1.995

D. ACQUISITION STRATEGY: Not Required.

E. PERFORMANCE METRICS:

Program cost, schedule and performance are measured using a systematic approach. The results of these measurements are present to management on a regular basis to determine program effectiveness and provide new direction as needed to ensure the efficient use of resources. Program performances are highlighted within each project plans and accomplishments.