

Defense Health Program
Fiscal Year (FY) 2011 Budget Estimates
Exhibit R-2, DHP RDT&E Budget Item Justification

Appropriation/Budget Activity
Defense Health Program/BA: 2

DATE: February 2010
R1 Item Nomenclature: 2
Basic Operational Medical Research Sciences
0601117HP

COST: (Dollars in Millions)

	2009 Actual	2010 Estimate	2011 Estimate	2012 Estimate	2013 Estimate	2014 Estimate	2015 Estimate
Total PE 0601117	0.000	55.302	0.000	0.000	0.000	0.000	0.000
GDF-Basic Operational Medical Research Sciences (GDF-BOMRS)	0.000	55.302	0.000	0.000	0.000	0.000	0.000

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This Program Element (PE) provides support for basic medical research directed toward greater knowledge and understanding of the fundamental principles of science and medicine that are relevant to the improvement of Force Health Protection. Research in this PE is designed to 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 derivative Joint Capability Documents (JCD). Program development and execution is peer-reviewed and fully coordinated with all Services and other agencies through the Expanded-Joint Technology Coordinating Groups under the Armed Services Biomedical Evaluation and Management (ASBREM) Committee to assure quality, relevance, and responsiveness to military operational needs, the needs of the Military Health System and the JFHP CONOPS and JCDs. Research supported by this PE includes 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. Funds in this PE were only available for fiscal year 2010 and as such, were used for a special one-year, primarily extra-mural, solicitation for basic research that promises to provide important new approaches to complex military medical problems. In subsequent years, the most promising of these efforts will be transitioned to applied research or technology development funded in PEs 0602115HP and 0603115HP as appropriate to the Technology Readiness Level (TRL) of the effort.

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B. PROGRAM CHANGE SUMMARY:

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
FY11 Budget Estimate RDT&E	0.000	56.720	0.000	0.000
SBIR	0.000	-1.418	0.000	0.000
FY11 Budget Submission RDT&E	0.000	55.302	0.000	0.000

PROGRAM CHANGE SUMMARY EXPLANATION:

FY09:
No funding programmed.

FY10:
SBIR Transfer from DHP RDT&E Program Element 0601117 - Basic Operational Medical Research Sciences to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (-\$1.418 million).

FY11:
No funding programmed.

FY12:
No funding programmed.

C. OTHER PROGRAM FUNDING SUMMARY: None

D. ACQUISITION STRATEGY: Not Required

E. PERFORMANCE METRICS:

The benchmark performance metric for transition of research conducted with Basic Medical Research Sciences funding will be the attainment of a maturity level that is typical of TRL3 or the equivalent for knowledge products.