

Defense Health Program
Fiscal Year (FY) 2012 Budget Estimates
Exhibit R-2, DHP RDT&E Budget Item Justification

Appropriation/Budget Activity
Defense Health Program/BA: 2

DATE: February 2011
R1 Item Nomenclature: 1
In-House Laboratory Independent Research (ILIR)
0601101HP

COST: (Dollars in Millions)

	2010 Actual	2011 Estimate	2012 Estimate	2013 Estimate	2014 Estimate	2015 Estimate	2016 Estimate
Total PE 0601101	2.670	2.875	2.935	2.997	3.057	3.118	3.227
Combat Casualty Care (Army) from USUHS	0.043	0.000	0.000	0.000	0.000	0.000	0.000
Combat Casualty Care (USUHS)	1.151	1.239	1.265	1.292	1.318	1.344	1.391
Infectious Disease (USUHS)	0.374	0.403	0.411	0.419	0.427	0.436	0.451
Military Operational Medicine (USUHS)	1.102	1.233	1.259	1.286	1.312	1.338	1.385

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: For the Uniformed Services of the Health Sciences (USUHS), this program element supports basic medical research at the Uniformed Services University of the Health Sciences (USUHS). It facilitates the recruitment and retention of faculty; supports unique research training for military medical students and resident fellows; and allows the University's faculty researchers to collect pilot data towards military relevant medical research projects in order to secure research funds from extramural sources (estimated \$100 million annually). Approximately 70 intramural research projects are active each year, including 32 faculty start-ups. Projects are funded on a peer-reviewed, competitive basis. Results from these studies contribute to the fund of knowledge intended to enable technical approaches and investment strategies within Defense Science and Technology (S&T) programs.

For the Uniformed Services of the Health Sciences (USUHS), the ILIR program at USUHS is designed to answer fundamental questions of importance to the military medical mission of the Department of Defense in the areas of Combat Casualty Care, Infectious Diseases, Military Operational Medicine, and Chemical, Biological, and Radiologic Defense. The portfolio of research projects will vary annually because this research is investigator-initiated.

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For the Army Medical Command funds were identified in FY10 to establish an electronic Institutional Review Board (IRBNet) at Dwight D. Eisenhower Army Medical Center. The IRBNet provides a comprehensive, paperless lifecycle oversight and review of all research projects and committee review interactions within a collaborative Local Research Network. Funding was also made available for the Armed Forces Health Surveillance Center to study 488 specimens for pancreatic cancer.

B. PROGRAM CHANGE SUMMARY:

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
FY12 Budget Estimate RDT&E	2.747	2.875	2.935	2.997
Realignment	0.000	0.000	0.000	0.000
SBIR	-0.077	0.000	0.000	0.000
FY12 Budget Submission RDT&E	2.670	2.875	2.935	2.997

PROGRAM CHANGE SUMMARY EXPLANATION:

FY 2010: SBIR Transfer from DHP RDT&E Program Element (PE) 0601101 - In-House Laboratory Independent Research (ILIR) (-\$0.077 million) to DHP RDT&E, PE 0605502 - Small Business Innovation Research (SBIR) program (+\$0.077 million).

FY 2011: No Change.

FY 2012: No Change.

FY 2013: No Change.

C. OTHER PROGRAM FUNDING SUMMARY: None.

D. ACQUISITION STRATEGY: Not Required.

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E. PERFORMANCE METRICS:

FY 2011 and out years - Efforts will continue within Infectious Disease, Military Operational Medicine and Combat Casualty Care research areas. Specific investigator-initiated projects compete for funding each year, usually with two or three-year project periods. Therefore, no detailed description of the research is possible at this time.