

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: 1
 In-House Laboratory Independent Research
 0601101HP

COST: (Dollars in Millions)

	2008 Actual	2009 Estimate	2010 Estimate
Total PE 0601101	2.158	2.690	2.817
Combat Casualty Care (USUHS)	0.930	1.160	1.214
Infectious Disease (USUHS)	0.302	0.376	0.395
Military Operational Medicine (USUHS)	0.926	1.154	1.208

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: For the Uniformed Services University 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 \$25-\$30 million annually). Approximately 55 intramural research projects are active each year, including 27 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.

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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B. PROGRAM CHANGE SUMMARY:

	<u>2008</u>	<u>2009</u>	<u>2010</u>
FY10 Budget Estimate RDT&E	2.158	2.759	2.817
SBIR	0.000	-0.069	0.000
FY10 Budget Submission RDT&E	2.158	2.690	2.817

PROGRAM CHANGE SUMMARY EXPLANATION:

FY08:
 - No Change

FY09:
 - SBIR Transfer from DHP RDT&E Program Element 0601101-In-House Laboratory Independent Research to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (\$0.069 million) for proper execution

FY10:
 - No Change

C. OTHER PROGRAM FUNDING SUMMARY: None.

D. ACQUISITION STRATEGY: Not Required.

E. PERFORMANCE METRICS:

FY 2010 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.