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Exhibit R-2, RDT&E Budget Item Justification							Date: February 2003	
Appropriation/Budget Activity RDT&E, Defense Wide/BA 1				R-1 Item Nomenclature: * University Research Initiative, PE 0601103D8Z				
Cost (\$ in millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	248.997	234.778	0	0	0	0	0	0
URI/Project P103	248.997	234.778	0	0	0	0	0	0

A. Mission Description and Budget Item Justification:

*** Beginning in FY 2004, University Research Initiative will be transferred to the Army, Navy, and Air Force for management and execution and will result in a more appropriate policy-level role by OSD. The Army (060113A), Navy (0601103N, and Air Force (0601103F) will each received 1/3 of the funding for Multidisciplinary Research Initiatives and the Defense University Instrumentation program. In addition the Air Force has been designated lead for the undergraduate/graduate education in Science & Engineering programs and will execute this initiative under 0601103F.**

(U) P103, University Research Initiative (URI). The URI has three primary objectives: (1) to support basic research in a wide range of scientific and engineering disciplines pertinent to maintaining the U.S. military technology superiority; (2) to contribute to the education of scientists and engineers in disciplines critical to defense needs; and (3) to help build and maintain the infrastructure needed to improve the quality of defense research performed at universities. Paralleling these objectives, this project competitively supports programs at universities nationwide in three interrelated categories:

- Research. The main thrust of the URI is multidisciplinary research. Multidisciplinary efforts involve teams of researchers investigating high-priority topics that intersect more than one traditional technical discipline; for many complex problems, this multidisciplinary approach serves to accelerate research progress and expedite transition of results to application. The URI also supports the Presidential Early Career Awards for Scientists and Engineers (PECASE), single-investigator research efforts performed by outstanding academic scientists and engineers early in their independent research careers.
- Education. The URI promotes graduate education in science and engineering for U.S. citizens through the National Defense Science and Engineering Graduate Fellowship Program. Beginning in FY 2003, the Awards to Stimulate and Support Undergraduate Research Experiences (ASSURE) program provides research opportunities for undergraduate students in science and engineering fields important to national defense, to encourage them to continue their studies and pursue advanced degrees.
- Infrastructure. Through the Defense University Research Instrumentation Program (DURIP), the URI contributes to the university research infrastructure that is essential for the performance of cutting-edge defense research. The DURIP allows researchers to purchase more costly items of research equipment than typically can be acquired under single-investigator awards.

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B. **Program Change Summary:** (Show total funding, schedule, and technical changes for the program element that have occurred since the previous President's Budget Submission)

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Previous President's Budget	248.997	221.610	243.977	265.456
Current FY2004 President's Budget	248.997	234.778	0	0
Total Adjustments	0	13.168	-243.977	-265.456
Congressional program reductions		-7.907		
Congressional rescissions				
Congressional increases		21.075		
Reprogrammings				
SBIR/STTR Transfer				
Other			- 243.977	-265.456

* Beginning in FY 2004, University Research Initiative, Project P103, PE-0601103D8Z will be transferred by 1/3 to each - the Navy under PE-0601103N, the Air Force under PE-0601103A and the Army under PE-0601103A.

C. **Other Program Funding Summary:** See Exhibit R-2a.