
	<p align="center">Army Educational Outreach Program (http://www.usaeop.com)</p> <p align="center">Looking for Students!! to participate in the Army Educational Outreach Program – Gains in the Education of Mathematics & Science (GEMS)</p>	
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The GEMS program offers students the opportunity to explore new interests in Science & Math and/or expand upon their current interests with unique hands-on laboratory experiences at the US Army Research Laboratory (ARL) on Aberdeen Proving Ground.

Students in the **GEMS Program** typically experience a wide range of laboratory experiences from synthesis to fabrication to instrumentation/analysis. The 2012 GEMS program has environmental, physics, computer science, robotics, human engineering (how things made in the lab are transitioned to the soldier), non-destructive evaluation along with other sessions. Students will work with scientists from ARL's Weapons & Materials Research, Computational and Information Sciences, and Vehicle Technology Directorates.



Details:

- 2012 Program Dates: Week #1: **June 25-29, 2012** Week #2: **July 9-13, 2012**
 Week #3: **July 23-27, 2012** Week #4: **August 6-10, 2012**
- Students age 12 and up will be considered for participation (All students *currently* in grades 6 through 10 will be considered for the program. Students *currently* in grades 11 & 12 will be considered only if they have NOT previously participated in GEMS).
- Registration will close on March 18, 2012. Letters of acceptance will be sent out by 30 April 2012.
- Program hours are weekdays from 7:45 am until approximately 4:15 pm daily for a period of one week.
- The GEMS Program takes place in the Rodman Building of the US Army Research Laboratory, 4600 Deer Creek Loop, Aberdeen Proving Ground, MD 21005-5069. Students must have their own transportation to/from the program building each day.

Students receive a stipend of \$100 for participation in the 1-week program*

To receive a stipend student must have perfect attendance and actively participate in the program.

* Stipends will be mailed approximately one month after class completion.

In the picture to the right: GEMS - 2010: Students worked on building a Stirling engine



More information about the GEMS program is available on-line at:

[\(http://www.usaeop.com/programs/GEMS/\)](http://www.usaeop.com/programs/GEMS/)

Student applications for the program are available (and must be submitted) on-line at:

<https://usaeop.com/Application/student1.aspx>

- * Students should make sure that they apply for the GEMS Student Program and that the site that they select is **APG!**
- * Students who have a mother or father who are active duty military should indicate this in their essay.