



**APG Senior Leadership Cohort Program  
2011-2012**

**Information for the “CBP” Project**

<b>Project Title</b>
STEM Career Day for Aberdeen Proving Ground (APG)
<b>Accountable Executive (Sponsor)</b>
Mr. Gary Martin – Deputy to the Commander, U.S. Army Research, Development & Engineering Command (RDECOM)
<b>What is the Vision for the Project?</b>
Develop a plan for STEM students from local elementary, middle and high schools to meet with the tenant organizations of Aberdeen Proving Ground to gain valuable information on associated science and technology missions that exist on the installation.
<b>What mission will be achieved?</b>
There are currently a number of initiatives wherein elements of APG engage with local schools in Harford and Cecil counties to provide guest speakers, lab tours, and mentorship for science projects. These efforts are typically limited to bilateral relationships between a tenant organization on the installation and a specific school. During recent STEM related efforts with K-12 administrators, Government representatives, Industry representatives, and Higher Education institutions, a number of challenges and opportunities were discussed. One opportunity that APG possesses is the rich infrastructure and breadth of missions on the installation that can be used to convey to the students what a career in a STEM field would entail. The establishment of a STEM Career Day(s) would allow students the opportunity to physically visit the installation to see first-hand the breadth of opportunities at APG for STEM careers, which would include laboratory tours and equipment demonstrations.
<b>How it supports the APG Vision</b>
This project will directly support and establish the vision of APG 2012 - “... contributing world class support to the Warfighter throughout the 21st century”. By engaging directly with K-12 students during their formative years and directly exposing them to the “real-world” career experiences of the APG workforce, it will ensure that students considering careers in STEM will see first-hand the many diverse opportunities that exist at APG and perhaps consider applying for positions on the installation after graduation. This stronger applicant pool for future positions will increase the support that is provided to the Warfighter by the 80+ APG organizations.
<b>Measure of Success (what success looks like and how it is measured)</b>



The development of a plan for execution of a APG STEM Career Day where elementary, middle and high school students from Harford and Cecil counties physically come to APG to see first-hand the breadth of opportunities for STEM careers on the installation.

### **Scope Statement**

The purpose of this project is to explore ways to increase the knowledge base of local K-12 students concerning the opportunities for STEM careers at APG. Our goal is to develop a plan of execution for a STEM Career Day for elementary, middle and high school students in Harford and Cecil counties. This effort would provide multiple forums for students to come on the installation to see first-hand the breadth of opportunities at APG for STEM careers. These multiple forums may include overview briefings of the many APG missions, tours of the various laboratories and equipment demonstrations. We will engage with the APG tenant organizations to gather a more complete understanding of what programs already exist for students interested in STEM in order to ensure we leverage on what currently exists. We will also coordinate with these same organizations to develop the multiple forums in which to hold an APG STEM Career Day.

### **What is the Strategy for the Project?**

There will be 4 phases to this project, 1) identification of APG stakeholders; 2) coordinate with APG STEM Summit to obtain local school boards requirements; 3) provide IPRs to SES advisors; and 4) develop a plan of execution for mission commander /garrison commander.

### **Major Achievements or Deliverables**

Objective: Develop the execution plan for a STEM Career Day Open House at APG that will allow school-age students to visit the installation to see first-hand the breadth of opportunities at APG for STEM careers.

### **Cohort Participant (Project Leader) Authority and Responsibilities:**

Leader will guide and steer the team which focused on mission completion and maximum participation by APG tenant organizations.

#### Cohort CBP

Ms. Nickee Abbott, - Program Executive Office (PEO) Integration

Ms. Deborah Dawson – US Army Chemical Materials Agency (CMA)

Mr. Thomas Rosso – US Army Edgewood Chemical Biological Center (ECBC)

Mr. Steven Slane – US Army Communications-Electronics Research, Development and Engineering Center (CERDEC)

Ms. Debra Thedford - US Army Edgewood Chemical Biological Center (ECBC)



<b>Key Stakeholders needed to Succeed</b>	
<b>Name of Person</b>	<b>Name of Organization</b>
MG Justice/Mr. Martin	RDECOM
Mr. Louie Lopez	RDECOM
COL Ortiz/Mr. McNamara	GAPG
80 plus tenant organizations	APG
<b>Potential Leadership Growth Opportunities for the Cohort Participant</b>	
<p>Leading Change – Strategic Thinking and Vision</p> <p>Leading People – Team Building</p> <p>Business Acumen – Human Capital and Technology Management</p> <p>Building Coalitions – Partnering and Influencing/Negotiating</p> <p><u>Faculty Team Advisor: Ms. Claire Meany</u></p>	

**Approvals:**

_____ Signature of Organizational SES Sponsor	Date: _____
_____ Signature of Project Manager	Date: _____