

INFORMATION PAPER

SFAE-CM

December 27, 2005

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SUBJECT: Uniformed Army Scientist and Engineer (UAS&E) Program

1. Purpose. To provide information on the UAS&E Program.
2. Facts.

- a. The Assistant Secretary of the Army (Acquisition, Logistics and Technology) announced the start of the UAS&E Program within the Army Acquisition Corps Functional Area (FA) 51 Area of Concentration (AOC) 51S (Research and Engineering) in 2003. The 51S AOC requires a science or engineering bachelors' degree, while the primary qualification requirement for UAS&E membership is an acquisition corps officer with an advanced degree in a science or engineering field. Masters degrees are the minimum standard for UAS&E membership and PhDs are preferred. UAS&E membership is voluntary and there are currently 127 members. Note that not all UAS&E members are serving in UAS&E positions; some are serving in program management, testing, or contracting positions. The UAS&E program was formally recognized by the Army G-1 in 2004.
- b. UAS&E officers serve as experts supporting the Army's scientific and engineering needs across a broad spectrum of assignments. UAS&E officers find real time technology solutions to immediate battlefield requirements while looking forward to provide technical leadership to meet future program needs.
- c. The primary stakeholder in the UAS&E program is The Research, Development, and Engineering Command (RDECOM). All but one of RDECOM's MAPL positions are coded 51S. In accordance with direction from SAAL-ZR, RDECOM has reduced their total number of MAPL positions from 102 to equal their TDA authorized strength of 89. RDECOM's 89 TDA authorizations currently consist of various FA51 AOCs (such as 51R, 51T). RDECOM will submit a concept plan to reclassify all but one of their 89 TDA position authorizations to FA51S to match their MAPL positions. Additionally, the concept plan will document the requirement for advanced degrees on the TDA.
- d. The premier UAS&E positions within RDECOM are the Science Advisors to Combatant Commanders. Science Advisor MAPL positions have been established at XVIII ABN Corps, CENTCOM, FORSCOM, JFCOM, NORTHCOM, SETAF, SOCOM, SOUTHCOM, USAREUR, and USFK. At the direction of GEN Griffin, Science Advisors are also being stationed at CMTC, JRTC,

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and NTC, and RDECOM has identified MAPL position "billpayers" for these new positions while remaining within a total of 89 MAPL positions. RDECOM is working with HRC to find qualified officers to fill the new Science Advisor positions.

e. The UAS&E program continues to pursue a multi-pronged strategy in order to build and maintain the population of UAS&E members. The strategy includes recruiting acquisition corps officers with advanced degrees, recruiting officers with advanced degrees outside of the acquisition corps to branch transfer into the AAC on a case-by-case basis (this requires getting the officer certified and AAC membership if the officer is a MAJ(P) or above), and sending some junior AAC officers to advanced civil schooling to attain PhDs. We have been successful with recruiting one non-AAC officer with a PhD to branch transfer in 2005, and have established a process for future branch transfers. Recruiting letters for AAC officers and non-AAC officers have been signed by both GEN Griffin and Mr. Bolton, and will be mailed to prospective officers in January, 2006. We started 5 officers on PhD programs in 2005, and have selected six officers to begin PhD programs in 2006 if funding becomes available.

f. PhD funding is a major limiting factor for the UAS&E program. The proponent submitted POM requests for the FY 06-11 POM to support the goal of starting 5 officers in PhD programs per year, but did not receive any funding. The proponent will resubmit for the FY 08-13 POM but in the meantime RDECOM is examining the possibility of providing funding for FY06 and FY07.

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**Deleted:** On October 1, 2003, Mr. Bolton and General Kern hosted an induction ceremony at the U.S. Military Academy, West Point. A total of 17 of the initial 33 UAS&E officers were inducted during this ceremony. We have contacted officers by letter, at RDE COM. Also, Officers with masters' degrees in a science and technology field have been contacted. Follow-up is planned on all contacts.

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**Deleted:** In the second quarter FY04, the focus will be on determine the feasibility of reaching out to the approximately 240 Total Army PhD holders in a Science and Technology fields and evaluate the benefits of inviting some segment of this audience to branch transfer into the AAC as 51S UAS&E. This phase requires visible staffing and marketing with both the Army G1 and the Human Resources Command.

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## Uniformed Army Scientist and Engineer (UAS&E) Program

### About the UAS&E Program

Purpose: To grow and manage a pool of acquisition officers with scientific and engineering knowledge.

The Assistant Secretary of the Army (Acquisition, Logistics and Technology) announced the start of the UAS&E Program within the Army Acquisition Corps Functional Area (FA) 51 as Area of Concentration (AOC) 51S (Research and Engineering). The UAS&E officers will serve as experts supporting the Army's scientific and engineering needs across a broad spectrum of assignments to achieve real time technology solutions to immediate battlefield requirements while looking forward to provide technical leadership to meet future program needs. A prime goal is to get technological capabilities into the hands of soldiers more quickly.

### More Information:

- **UAS&E Information Paper**   (2/9/2006)
- Read more about the program in the **Army AL&T Magazine News Briefs** Nov/Dec 2003 issue (p.60)  