

Look at Some of the Activities that are Sponsored by the Military and the Defense Department for Scientists and Engineers of the Future.

Don't forget to take our test on
www.acq.osd.mil/ddre/research/GSTW.html

The answers are there too, but don't peek until you're done.

Washington DC---April 25, 2002 (<http://afosr.sciencewise.com/>)

The Air Force of Scientific Research is conducting its 50th anniversary celebration. It is expected to draw about 250 high-level scientists and engineers from the Washington DC area and from the nation. Science education and GSTW will be mentioned in the opening speech. During the day, Nobel Laureate Steve Chu will sign a letter encouraging students to study math and science and to take advantage of the GSTW opportunities. This letter will appear on the GSTW web site.

San Diego CA—April 24-28, 2002 (www.jshs.org/nationalreg.html)

The 40th National Junior Science and Humanities Symposium (JSHS) is sponsored by Army (ARO), Navy (ONR), and the Air Force (AFOSR). It is expected to have over 400 participants including 240 high school students who have progressed in science paper competitions. Each year 48 regional competitions are held reaching students in all 50 states Puerto Rico and DoD Schools of Europe and the Pacific. The JSHS is the final national level competition. Special events include tours of Navy surface ships, Scripps Institute of Oceanography, the UC Supercomputer Center and Palomar Observatory. Distinguished speakers include the Director of the Army Research Lab, the Chief of Naval Research and a director from the Air Force Office of Scientific Research. A special presentation by Dr. Andrew Gordon of the Univ. of Southern California is planned on "Why is the US Military Sponsoring High-School Science?"

Santa Barbara CA and Vandenburg AFB CA—May 4,2002

Science and Technology Day will take place for junior grade levels through 12th grade. To be held at the University of California at Santa Barbara. It is hosted by Los Ingenieros and National Society of Black Engineers and is expected to draw 350 pre-college students. The S&T Day program was started 3 years ago to encourage interest in a career in math, science, or engineering. Last year over 10 middle and high schools participated. This year the students will have the opportunity to choose from thirteen different hands-on workshops that cover many of the scientific fields of study offered at UCSB.

Barksdale AFB NM---April 30, 2002

http://airforce.dtic.mil/news/Jun1999/n19990625_991254.html

http://www.afrc.af.mil/917wg/star/science_and_technology_academies.htm

Caddo Parish Oil City Elementary Magnet School and Brossier Parish Meadowview Elementary School, fifth grade classes will complete a program of 25 hours of hands-on activities focusing on science, mathematics, technology and goal setting.

Kirtland AFB NM—April 30, 2002 (www.vs.af.mil/TechOutreach/TT/K-12.html)

The Air Force Research Laboratory's SPACE Symposium will occur in Albuquerque NM. Students will present their findings to their peers, and to AFRL scientists and engineers. These presentations are the final event of a yearlong program in which students use structured systems engineering methods under the guidance of AFRL mentors. The program starts with the AFRL Mars Asteroid Defense Mission for fifth graders and extends to the AFRL Students Planning and Conducting Engineering: AFRL SPACE Project for high school teams involved in real R&D activities.

Wharton NJ—May 1, 2002

(<http://www.pica.army.mil/voice2001/010622/FutureScientist.htm>)

(<http://www.liars.org/Ambassador/kidsday.JPG>)

(<http://www.amc.army.mil/Approval.nsf/05c1ddc14d963d0585256a09007312fa/3bd6c351f4633f2b85256a7d00627b63?OpenDocument>)

The ARDEC Future Scientist Program was designed to stimulate interest in math, science and engineering in community elementary, middle and high schools. This is the 9th year of the program in which volunteers visit schools in the three surrounding towns. Last year the program reached about 250 students in three elementary schools. This year Mine Hill School 3rd graders will work with the engineers from the Quality Engineering Directorate (TACOM ARDEC) at Picatinny Arsenal to launch model rockets on May 1. The same event will be repeated for third graders from Marie Duffy Elementary School on May 8. This is the last of six experiments that the engineers have brought to these two schools over a three-month time frame.

Aberdeen MD---Late April 2002 (<http://www.amsaa.army.mil/eeo/poc.html>)

1. AMSAA Women Mentoring Program. The AMSAA Women's Mentoring Group has been running monthly for several years and to complement its efforts, last year a Men's Mentoring group was established. The mentors assist Aberdeen Middle School girls and Edgewood Middle School girls in their academic and career choices specifically in math, science and engineering. On a monthly basis, our group of mentors meets with the students (seventh and eighth graders) to discuss a particular technical topic, related professions and interact with a guest speaker.

2. Edgewood High School Mentoring Program

The AMSAA Edgewood High School Mentoring Program was initiated in 1991. The objectives of the program include helping young students focus on time management skills, educational objectives, career goals, and providing tutoring assistance. The program consists of roughly 20 mentors from AMSAA and AEC who meet with Edgewood 9th graders the first Tuesday of each month; there are approximately 50 students participating in the program. Once a year, typically in spring, the mentors sponsor the students to participate in an orientation at Morgan State University. The orientation focuses on the skills that need to be developed in high school to meet university challenges.

Orlando FL—Late April 2002

Special events related to the High Tech Outreach Network are scheduled for late April/early May. The US Army Simulation Training and Instrumentation Command (STRICOM) is working with government, business and academia to develop a prototype network to provide access to the K-12 students to Florida's High Technology business Corridor. Another STRICOM activity is the tour/demo at the Apopka High School.