

CHANTILLY ACADEMY

EXCELLENCE IN CAREER & TECHNICAL EDUCATION



First Quarter News

1st Annual Academy Day



Academy Students enjoyed exploring & observing other Academy course offerings, while second year Academy students had the opportunity to explain & demonstrate their technical skills to peers. Many students said they were surprised to find out the Academy had so many interesting courses they did not realize existed. [See more pictures of Academy Day here...](#)

Health & Medical Sciences

The Academy's Health & Medical classes assisted with Chantilly High School's Vision & Hearing Screening for 10th graders. With the students help, the vision and hearing screens were done quickly & efficiently. Students were also able to use their skills learned in class.



Medical Assistant students are starting internships at three walk-in medical offices; Pediatricare of Northern Virginia, Rocky Run Family Medicine and Town Center Orthopaedics. Students also volunteered at county flu clinics.



Exploring Health Science students donned vision impairment glasses and tried to perform some daily activities to simulate what it would be like for someone with a visual impairment.



Girls Exploring Engineering (GE2)

Girls Exploring Engineering (GE²) Alumni – who are working towards admissions to our country’s top engineering schools were invited to attend the **2011 L’Oreal Women in Science Fellowships Awards Luncheon** on Thursday, September 15th at the Russell Senate Office Building – Kennedy Caucus Room on Capitol Hill with Career Experience Specialist, Joan Ozdogan. Also attending the Awards Luncheon was NASA Administrator, Mr. Charles Bolden pictured with (from left) Lizzy Knippler, Ashlie Reott, Melissa Masters, Mr. Bolden, Leah Hirsh, Ziomara Medero-Vargas, Madeline Guillen and Melissa Ziegler. At the luncheon, L’Oreal awarded \$60,000 grants to six young women who are post doctoral engineers/scientists in support of their continuing research efforts in Organic Electronics, Haptics, Neuroscience, Virology and Computational Neuroscience.



Members of Chantilly Academy’s “Girls Exploring Engineering - GE²” visit with Professors Olga Pierrakos (far left) and Heather Watson (second from Right) and female engineering students at James Madison University’s School of Engineering on Saturday, November 12.

Entrepreneurship

Congratulations to the following Entrepreneurship Students for being named semi-finalists at George Washington University’s “PITCH GEORGE” Elevator Pitch Competition November 11: Corinne Cardinal, Andrew Chadowski, Hammad Mahmood, Daniel Mun & Maggie Haynes.



Air Force JROTC

Engineering, Information Technology, and AFJROTC students are members of six CyberPatriot teams participating in a national online competition in cybersecurity. On Saturday, October 22 – Chantilly’s four Open Division Teams scored 100% having successfully identified all vulnerabilities in a virtual machine network scenario! A great beginning round – and a great education in a high value career – Information Technology Security.



Academy Visitors

During first quarter, Chantilly Academy has been host to many global visitors who are interested in seeing Career and Technical Education that works. Educational leaders and consultants, came from Mexico, the World Bank and Korea. Students from Germany toured Academy classes and spoke to teachers and students.

Vice Minister of Upper Secondary Education in Mexico and Jee-Peng Tan (Education Advisor at the World Bank) tour Chantilly Academy to see a successful career oriented approach of transferable life skills in the US public education system.

Cosmetology

Kids R First College and Career Bound Program, continues its support of Chantilly Academy Cosmetology students by awarding Wayne White's class \$1000 which will assist students with their cosmetology kit purchases. Kids R First’s generous donation contributes to furthering the career goals of students in need.



Pharmacy

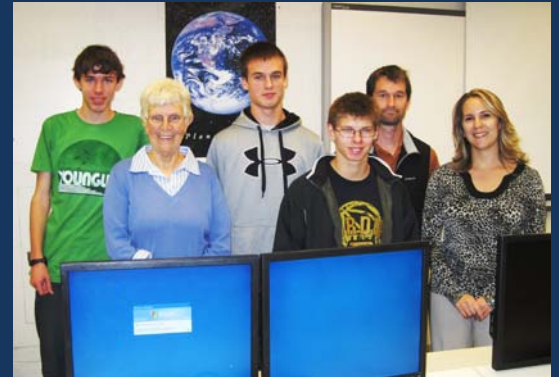
Pharmacy students visited and explored the Stabler-Leadbeater Apothecary Museum in Old Town Alexandria. They had the opportunity to grind lavender using a mortar and pestle as well as learn the history of a family owned pharmacy that operated from 1792 until 1933.



Geographic Information Systems (GIS)

Students enrolled in GIS at Chantilly have also been enrolled as students at James Madison University (JMU) as part of the dual enrollment program.

Dual enrollment agreements allow students to simultaneously earn high school and college credit by completing selected courses. Upon successful completion of GIS, students receive a JMU college transcript and Academy credits will be transferred to JMU. GIS students (pictured on right) are with JMU professors Kathryn Keranen & Paul Rittenhouse and Academy GIS instructor, Susan Chudovan.



Chantilly Host s Engineering Expo



Chantilly High School and Chantilly Academy welcomed more than 500 students in grades 7-12 to the Engineering Expo and Engineering College Fair on October 22. Students learned about careers in engineering and admissions to college engineering programs.

The Expo featured a keynote session on cyber security, a panel of undergraduate engineering students providing their perspectives on studying to be an engineer, and information on successfully applying to a college engineering program. The following workshops were offered to all participants:

- Cybersecurity Workshops by Northrop Grumman Cyber Academy
- Systems Engineering by the SI Organization

- Advanced Manufacturing and Semiconductors by MICRON
 - Intelligent Transportation Systems by Noblis, Inc
 - Sustainability: A Civil Engineering Grand Challenge by CH2M Hill
 - Alternative Fuels: An Engineering Grand Challenge by NVCC – Manassas Campus
 - Teaching Engineers to Think & Speak Effectively by The George Washington University



Jackie Falatko, Chantilly Academy alumna of Girls Exploring Engineering and currently in her second year in Computer Engineering students at Virginia Tech welcomes visitors to the Virginia Tech exhibit at the recent 2011 Engineering EXPO & College Fair."

[Visit the Academy on FACEBOOK](#)

[See Chantilly Academy's re-designed website](#)

[Academy Calendar](#)

[Inclement Weather and Emergency Closing Plans](#)

[Academy 2 Hour Delay Schedule](#)

[Telephone Parent Information Line Available in Seven Languages](#)

Quote to Note

"Thanksgiving dinners take eighteen hours to prepare. They are consumed in twelve minutes. Halftimes take twelve minutes. This is not a coincidence."

Erma Bombeck

Have a safe and Happy Thanksgiving!