

Career and Technical Education Highlights for May 2018

Business and Information Technology:

Business and Information Technology teachers from FCPS gathered recently to complete the curriculum for the new Cybersecurity Fundamentals course being offered in FCPS next year. In this course, students will be introduced to the principles of cybersecurity, explore emerging technologies, examine threats and protective measures, and investigate the diverse high-skill, high-wage, and high-demand career opportunities in the field of cybersecurity. We are very excited to be offering this course in FCPS and have had a great response from parents and students.

Career Experiences:

Edison Academy:

Special Events

The Electrical Construction and Engineering program hosted ECE Night for students and families on April 26. Part of the evening involved a passing of the hat ceremony between the 2017-18 student team leaders and the incoming student team leaders for 2018-19. Six business, government, and industry partners attended the event to network and share career information and opportunities with parents and students. Students are currently applying for positions with Ennis Electric, Beckstrom Electric, Dominion Energy, IBEW local #26, Fairfax County Government and seeking assistance from the Virginia Department of Labor Apprenticeships Office for apprenticeship information.

Two Edison Academy Teachers for Tomorrow (T4T) students were featured speakers at the T4T end of year reception at Willow Oaks on May 2, 2018. They spoke about the value of the program for them and the appreciation they have for their T4T teacher, Pamela Person, and all teachers who work with students in our schools.

Edison Academy hosted their end of year Academy Awards on May 10 in the Edison High School Lecture Hall to recognize all of the Academy's most outstanding students of the 2017-18 school year. Almost 300 students were recognized throughout the year for exemplary performance through the quarterly and end of year student awards program.

On May 10, 2018, Edison Academy hosted Garfield Elementary students for a tour of the Academy and lunch with the Rotary Club of Springfield members for their annual Rotary Scholarship Luncheon in the Culinary Arts Bistro 1093 at Edison Academy. Two Edison

Academy students received \$1000 scholarships from the Rotary foundation for their college studies and two FCPS employees received Paul Harris Fellow awards for their contributions to the community during the luncheon.

Guest Speakers

Edison Academy Heating, Ventilation and Air Conditioning and Electrical Construction and Engineering students heard a presentation from the Fairfax County Government's Land Services – Building Division on May 16 as part of their recognition of Building Safety Month. Several students have also applied for positions with Fairfax County to become building inspectors in training.

Field Trips

Culinary Arts from Edison Academy and Edison High School Marketing students will participate in a Job Shadow Day with the Hilton Hotel in Old Town Alexandria as part of the Youth in Hospitality Month designation by Hilton Worldwide and their Careers@Hilton initiative. Students will shadow in multiple departments focusing on sales, front desk, customer service, catering, housekeeping, restaurant front and back of the house operations, as well as the Starbucks coffee shop. They will have lunch with the General Manager and Human Resources Manager to conclude their day.

Fairfax Academy:

Annual Fashion Show

Students from Fairfax Academy fashion careers representing 18 different FCPS schools will be showcasing their collections in the 6th annual *Fashion in Motion* fashion show on Friday, May 18 at 7:30 p.m. at George Mason University in the HUB Ballroom, located at 4400 Rivanna River Way in Fairfax. This year we will welcome Dr. Phyllis Pajardo, the Superintendent of the City of Fairfax Schools, to 'kick-off' the show.

All garments are entirely student-created; from concept to design, to patternmaking, and construction. The fashion design students have been working all year for this event and the opportunity to showcase their talents, dedication, and hard work.

Academy Awards

Each year Fairfax Academy for Communications and the Arts celebrates the creative achievements and accomplishments of its students and honors a select group of outstanding students. While there are many talented students here, a few in each program distinguish themselves through their diligence, high achievement, creativity, and work ethic.

We welcome you to join us as we recognize these students at our Academy Awards Ceremony on Wednesday, May 23 at 7:00 p.m. in the Fairfax High School auditorium. This year we are excited to announce that FCPS Superintendent, Dr. Scott Brabrand will 'kick-off' the event. In addition, our very own Region 5 Assistant Superintendent, Dr. Frances Ivey, will be co-hosting the event with our Region 5 Executive Principal, Becky Baenig.

Fairfax Academy is one of six academies in FCPS and offers the following ten classes in the area of communication and the arts: professional television production, professional photography, fashion careers, music and computer technology, social media marketing, dance, Arabic, Korean, Chinese, and musical theatre and actor's studio.

Falls Church Academy:

American Heart Association Heartsaver CPR/AED Class

During the FCPS Teacher Workday, April 2, 52 teachers spent their day on their knees learning how to save a life. The Falls Church Academy HOSA Chapter, including 20 students and teacher/trainers certified these teachers in American Heart Association Heartsaver CPR/AED.

One attending teacher said "I really liked this training more than any other I've done before because there was more hands-on opportunity, more time with mannequins, and more trainers to teach me how to do this correctly." Other attendees were impressed with the quality of students who assisted in registration and provided support for the teachers working toward this certification.

This fundraising event, sponsored by the Health Occupation Students of America (HOSA) Chapter at Falls Church Academy, raised \$1,230 to support HOSA expenditures and assist with expenses for the two students and one teacher heading to Dallas, Texas, June 19-22, for the HOSA International Leadership Conference where they will be competing against other top students in the country.

Because this event was so successful, plans for future CPR/AED certification courses are in the works.

Falls Church Academy's – Academy Awards Ceremony

Falls Church Academy Governor's Health Sciences Academy will host its annual Academy Awards Ceremony on Thursday, May 31 beginning at 6 p.m. in the Falls Church High School Auditorium. This event celebrates the many achievements of the Academy health and human service students. The Fairfax County Fire & Rescue Department Honor Guard Unit and the Emerald Society Pipe Band will call the event to order in grand style. Assistant Chief John

Caussin, Interim Fire Chief of Fairfax County Fire & Rescue, will deliver the EMT Oath to the EMS students at this event.

Marshall Academy:

Marshall Hosts the Criminal Justice and Public Safety Career Fair

On April 4, Marshall Academy hosted a Criminal Justice and Public Safety Career Fair to promote the vast opportunities in law enforcement. Over 250 students, parents, and faculty learned of internships, summer programs, as well as, part-time and full-time positions ranging from post-secondary to college.

Fair exhibitors included: Fairfax County's 911 Call Center, Fairfax County Police and Sheriff's Departments, the US Park Police, the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), Transportation Security Administration (TSA), Central Intelligence Agency (CIA), Virginia's Department of Labor and Industry, and various military branches.

The ATF and TSA brought their K9s, Sunny and Taffy, to show students how the dogs search and detect suspicious items. The US Park Police brought their horses, which was a first for any career fair at Marshall Academy, but will not be the last. Students also completed a Career Fair Scavenger Hunt.

Cisco Sponsors Marshall Academy IT Students Attend Women's Leadership Conference

Cisco sponsored Marshall Academy students and other school districts to attend the Women's Leadership Conference on April 14 at the McLean Hilton. The event was empowering. The keynote was Nigerian author and MacArthur Fellowship Recipient, Chimamanda Ngozi Adichie. The incredible breakout session included topics such as: Discovering the Joy in Your Journey, The 7 Habits of Financially Confident Women, Cat Got Your Tongue, How to Have Hard Conversations, Building Confidence for Women at the Negotiation Table, and Strengthening Bonds in the Workplace. Huge thanks to Cisco for their gracious donation sponsorship. One student, Diana, remarked how "The conference was inspiring and was one of the first events she had ever attended just for women."

Announcements:

Two Marshall Academy students will be honored at Ms. Inspiration at the Women in Technology Awards Dinner on Thursday, May 17 at the Sheraton Premiere.

Marshall Academy Awards Dinner is Wednesday, May 30, 6-8 p.m.

Marshall HS Graduation is Wednesday, June 13 at 10 a.m. at Constitution Hall

West Potomac Academy:

Observations and Internships

PT/OT students participated in clinical observations at Inova PT Clinics at the Mount Vernon and Springfield locations.

This year 29 Pharmacy Tech students participated in an internship at six local Walgreen Pharmacy locations.

Medical Assistant and Exploring Health Sciences students were offered the opportunity to shadow a medical professional with Capital Caring, Hospice and Palliative Care of Alexandria. There were 21 students involved this year.

Inova Medical Group hosted a career night and 24 medical assistant students participated.

Fire and EMS students worked with Fairfax Fire and Rescue. Ten students completed their required hours of ambulance ride along training in order to sit for their certification exam.

Fire and EMS students worked with the Head Start Program collecting vitals as part of their required hours towards certification.

911 Dispatcher students also worked with the Head Start Program role playing what to do in case of an emergency and how to call 911.

Dental Careers Level 2, eleven students are currently completing paid internships in local dental practices.

Dance and TV held their annual Dance and Film Festival with guest artists who choreographed pieces.

Family and Consumer Sciences:

Six high schools in Fairfax County were recognized on May 2, 2018, for 109 graduating students that have been enrolled in the Teachers for Tomorrow celebration. Of these students, 39 of them received four college credits from the dual enrollment agreement in place with Shenandoah University. FCPS is working with HR to develop a "Growing your Own" pipeline of graduates to enter the field of education as well as other jobs needed to support a school system.

Marketing:

Eleven students from five high schools earned top 10 awards at the 2018 DECA International Career Development Conference held in Atlanta. Students from Chantilly, Madison, Oakton, South County, and West Springfield High Schools earned top 10 finishes. For more information visit: [News Release – Students from Five High Schools Earn Top 10 Awards at 2018 DECA International Conference](#)

Mobile Kiosks were purchased for several entrepreneurship programs across the county. The kiosks will be used to provide hands-on opportunities for the entrepreneurship students to open a portable business at their schools.

Congratulations to the Madison High School marketing program. They were recognized for being in the top 10 in sales for their Spirit Box. Spirit Box is an automated school store kiosk that provides your school community access to products they need and want in high traffic areas 24/7.

Technology Education and Engineering:

KidWind National Competition 2018

Lanier's "SPINNERS" team initially took part in the Northern Virginia Region KidWind Challenge competition in March 2018 and placed first. This win qualified them for the KidWind National Competition 2018 at Chicago, IL in May 2018.

At the 2018 National Competition the team did extremely well and won four awards; the "Wind Geek Award" (for the highest percentile score on the Knowledge Test), the Best Teamwork Award, the Big Tunnel Award (for building and successfully testing a college level wind turbine), and they placed second overall in the nation against a very competitive field of 40 regional champion middle schools from various states all over the country. This award also carries a cash prize of \$500.00.

Virginia Association of the Technology Student Association

Every spring, the Virginia Association of the Technology Student Association hosts its annual leadership conference, Technosphere. The Technosphere Conference is the highlight of the Virginia TSA year and provides an incredible opportunity for members to compete, lead, and learn through competitive events for middle and high school students, leadership workshops and officer campaigning, and other special events.

During Technosphere, members gain experience and insight through networking with other students, teachers, parents, and members of the business community. These interactions

throughout Technosphere strengthen the goals of innovation and collaboration through science, technology, engineering, and mathematics (STEM) education. Members exercise their technical knowledge, leadership skills, and professionalism as they engage in over 60 competitive events the Virginia TSA service project, and membership sessions during their experience at Technosphere.

This year Technosphere was held at the Hampton Roads Convention Center from May 4-6. Fairfax County Public Schools had an outstanding 130 top-ten finalists and many will be moving on to the national competition in Atlanta, Georgia at the end of June.

Trade and Industrial Education:

The FATE Scholarship committee awarded eight scholarships. These scholarships were awarded to automotive, electrical and residential construction students on May 16. Three of the scholarships were academic scholarships of \$2500.00 apiece. One scholarship was the Integrity Real Estate Scholarship for \$3000.00 and four tool scholarships were awarded for \$1000.00 apiece. The scholarships were presented by their instructors.