



Purple &
Gold

March 2020

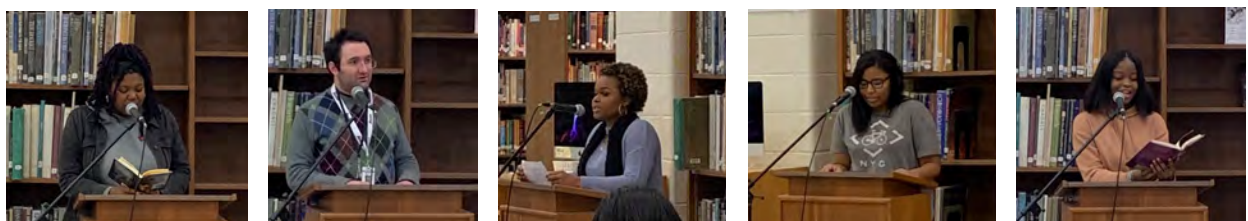
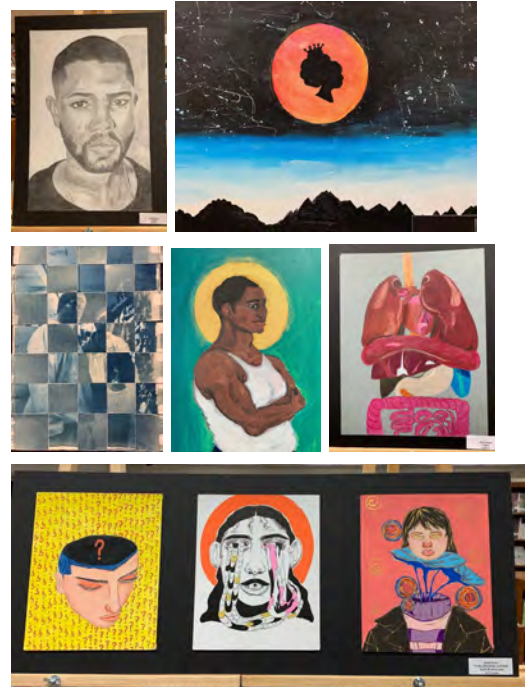
GREAT YEAR FOR ROBOTICS TEAM

The Robotics Team had a great season, competing at Delaware County Christian School and Spring-Ford High School. One of our teams, consisting of Sarah DeMott, Cat Vivo, Aaron Jackson, Hasan Hoque, and Sebastian Mostek, qualified for the Vex PA State Competition. They competed at States on February 29th and had some impressive matches. "Our entire team did a great job this season and demonstrated growth in their engineering and collaboration skills," said coach Salmon. "We are proud of our team this year."



BLACK AUTHORS & ARTISTS ROCK

On Feb. 13th, the Upper Darby High School Library and Lisa Richardson of the English Department co-hosted Black Authors Rock!, a read-in featuring the literary works of African and African American authors. This cultural celebration of African American literature, art, and cuisine was attended by students, staff, and administrators. During the event, students and staff members read published works, short stories, and contemporary novel excerpts as well as their own work. Senior Jerenita Sokan gave an amazing reading, in dialect, of a West African folktale. Another senior, Sashaine Clarke, performed a powerful reading of Sojourner Truth's speech, "Ain't I A Woman," as well as her own poem about President Lincoln. Staff member, Amy Sandman, presented an emotional reading of the poetry of Langston Hughes, as well as a poem he inspired her to write. Senior Barlie Kargbo shared a piece of art from his native Sierra Leone. All participants dined on student-prepared dishes such as empanadas, fried plantains, fish balls, and rice pudding. Other student presenters included: Milia Dawes, Ed Harris, Charlise Ferguson, Deja Jackson, Kamera Golden, Fran Tolbert, and Debra Campbell.



DELCO SCIENCE FAIR WINNERS

Congrats to our students who participated in the Delaware County Science Fair.
UDHS again had more winners than any other school!

9th GRADE:

Josiah Saddick - 1st place, Biochemistry

Special Award - PA Assoc of School Retirees

Biogas Recovery for Renewable Energy

Luke Olmstead - 1st place, Earth & Space

Special Award - Del Co Institute of Science

The Effect of Substrate on Wave Transmission

Lucas Collins - 2nd place, Behavioral Sciences

The Effect of Pop Up Advertisements on Reading Comprehension

Jabe Cox - 2nd place, Chemistry

Special Award - PA Assoc of School Retirees

The Effect of Temperature on Solubility of CO₂ in Water

Ryan Clarici - 2nd place, Mathematics

Efficiency in Determining Roots of Equations

10th GRADE:

Anna Fattizzo - 1st place, Behavioral Science

Gender Bias in Advertising

Taylor Emanuel-Jackmon - 1st place, Chemistry

Best of Category

The Effect of Formation Time on Hydrogel Bead Diffusion

Stanley Gian - 1st place, Environmental Science

Best of Category

The Effects of Deicing Salts on the Photosynthesis of Elodea

Zach Abudahri - 2nd place, Physics

Wireless Electricity

Caleb Argueta and Tyrone Slade - 2nd place, Team

Generating Electricity Using Thermo-Electric Chargers

Samiha Zarin - 3rd place, Behavioral Science

The Effect of Multilingualism and Early Language Acquisition on Cognitive Function

Zach Finley - Hon Mention, Engineering

Generating Power with Piezoelectric Generators

11th GRADE:

Partha Debnath - 1st place, Earth & Space

Best of Category

Solar Rotation Rate

Ummayh Siddiqua and Maggie Smith - 1st place, Team

Best of Category

The Digestion of Biodegradable Plastic

James Marinelli and Dylan Ford - 2nd place, Team

The Effects of Aquaponics on a Water Column

Matthew Selwood - Hon Mention, Engineering

Investigation of Tesla Valves

12th GRADE:

Luke Finley - 2nd place, Computer Science

Can a Robot Learn?

Nate Polidoro - Hon Mention, Mathematics

Investigating Fractals on the Complex Plane

First Place Winners:



MACBETH AT THE HEDGEROW



A combination of Brit Lit, Acting and Drama and Seminar students attended the Hedgerow Theater's annual performance of Shakespeare's "Macbeth". The legendary Media playhouse, established in 1923, is the only facility that offers a residency learning program emphasizing positive feedback, creative and critical thinking, and the joy of telling stories to the community.

WORLD AFFAIRS 2020 MODEL SENATE

Congratulations to all our students who participated in the World Affairs Council 2020 Model Senate at Temple University's Fox School of Business. Upper Darby students were a force to be reckoned with, as the following three students were recognized for their insight and outstanding contributions to yesterday's program: Sophomore Nick Fattizzo, Junior Jack DiPrimio and Junior Danny McBride. Overall great Job representing the Purple and Gold!



FRENCH HONOR SOCIETY



The first annual induction of the Upper Darby French Honors Society was held in the UDHS library last month. Recognizing the need to celebrate the achievements of dedicated French language students, Ms. Salhi founded the French Honors Society, which will undoubtedly become an annual tradition. French honors students noshed on bon-bons and other French delicacies.



DECA STUDENTS AT STATE CONFERENCE

UDHS DECA students were very successful at the state conference! Alison Ascareggi received a medal for the highest test score in her event and a \$500 scholarship. Bridget Mongan received a medal for the highest test score, and Colleen Keck received a \$750 scholarship. Haley Campbell placed third overall in her event and will be moving on to Nationals in Nashville this April.



UNIFIED BOCCE AT CHAMPIONSHIPS

Congratulations to the UDHS Unified Bocce Team for placing 3rd and 5th in their respective brackets at the Special Olympics Unified Bocce Championships in Glen Mills.

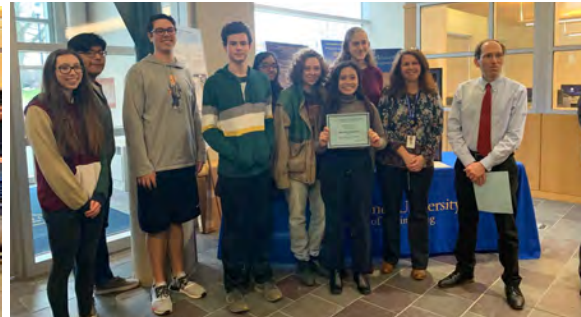


NEHS READS TO K-CENTER

Kindergarten Center students received a surprise visit from National English Honor Society members from Upper Darby High School, who read to them in their classrooms, and put on a fun, Dr. Seuss-themed assembly!



TEAMS ENGINEERING



UDHS student represented well at the Test of Engineering Aptitude, Math and Science at Widener University on March 3rd. Congratulations to our Sophomore team for placing second out of seven teams and our senior teams for placing third out of eleven teams! The competition featured an extremely challenging multiple choice test with eighty word problems involving math, engineering and science.

INDOOR TRACK STATE CHAMPS

Congratulations to the Upper Darby High School track team on their phenomenal performance at the PA Indoor State Championships. The boys 4x200 relay team won first place in the state! The relay was run by Darlington Brooks, Aaron Williams, Sydney Turner, and George Okyne. Congratulations to State Indoor Track & Field medal winners, Siani Barnes and Kayla Thorpe.



ANNENBERG SCIENCE SYMPOSIUM

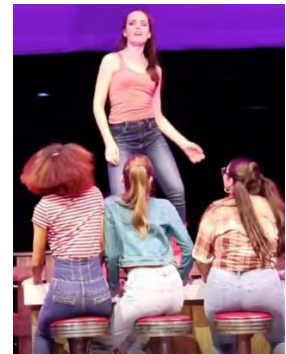


Upper Darby HS students presented their research on lung injury caused by vaping at the annual Annenberg Science Symposium at Lankenau Medical Center last Thursday evening. Judges recognized students for their eloquence and passion in speaking about the damage and long term consequences of vaping. In addition to designing a professional powerpoint, the students created an original animation depicting how vaping-related inflammation inhibits gas exchange at the respiratory membrane. They earned the award for Best Synthesis of Scientific Concepts and Public Health Awareness. Other participating schools included Franklin Learning Center, Friends' Central and Harriton HS.

FOOTLOOSE!



Last weekend, one of the most exciting 1980's movie musicals burst onto the PAC stage as Upper Darby High School players added their dancing and singing energy to the Oscar and Tony-nominated score of, "Footloose, the Musical!" Lucky attendees were treated to hits like, "Holding Out For a Hero," "Almost Paradise," "Let's Hear It For the Boy," and of course, "Footloose."



Alumni News



UDHS Class of 2015 Jonathan Thornton is a senior physics major at Drexel University and now a coauthor of a scientific paper titled, *TYCHO--Realistically Simulating Exoplanets within Stellar Clusters I: Improving the Monte Carlo Approach*.

SPRING BREAK April 6 - 10



Jonathan got his start as a researcher at UDHS when he used data from a newly found star to calculate the mass of Sagittarius A, a black hole at the center of the Milky Way Galaxy, winning awards at the Delaware County Science Fair and the Delaware Valley Science Fair.



