UPPER DARBY
HIGH SCHOOL

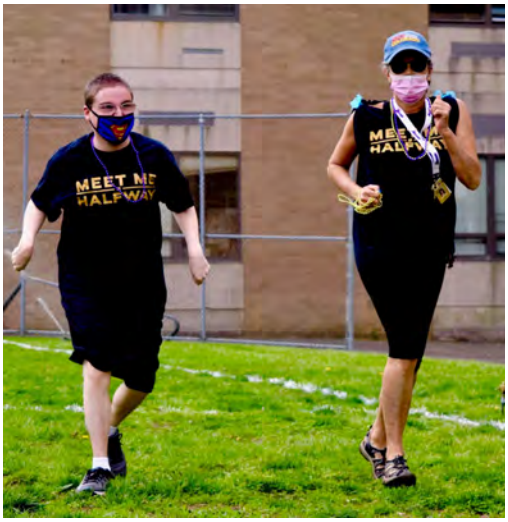
Purple & Gold

May 2021

APRIL SHOWERS FUNDS FOR AUTISM AWARENESS

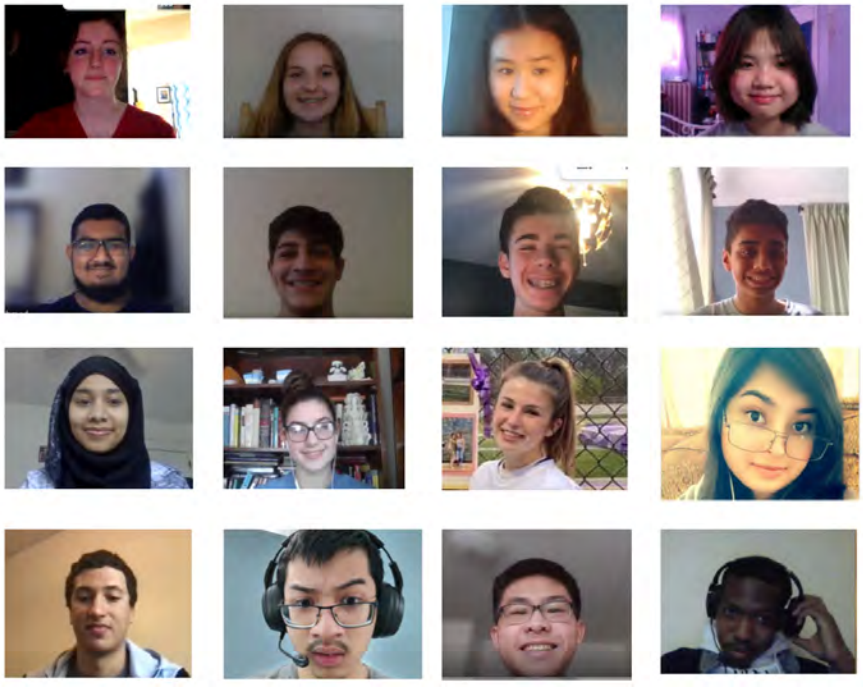
To celebrate Autism Awareness month, UDHS students and staff gathered in the back field to participate in an April Showers Fundraiser for Unified Sports and the Special Olympics. With the support of the school community, Upper Darby raised over $5,000, the third largest donation amount in the state.

APRIL SHOWERS (Continued)



TEAMS ENGINEERING EXCELLENCE

UDHS excelled in The National Test of Engineering Aptitude, Mathematics and Science.



The 10th grade team of Olivia Cavalli, Liya Hauben, Nhi Lang, and Xinqing Xu placed 3rd in Multiple Choice, 2nd in Design Challenge and 3rd Overall in the state.

The 10th grade team of Shaikh Ahmed, Ryan Clarici, Lucas Collins, and Josiah Saddick placed 1st in the state in the Essay.

The 12th grade team of Ummayh Siddiqua, Maggie Smith, Lauren Stokes, and Hena Ansari placed 1st in the state in Multiple Choice.

The 12th grade team of Max Peters, Phi Nguyen, Alfonsus Rahardjo and Terrel Jenkins placed 2nd in the state in the Essay.

SPRINGTIME ORCHESTRAL SOUNDS

The Upper Darby High School Orchestra is Proud to Present:

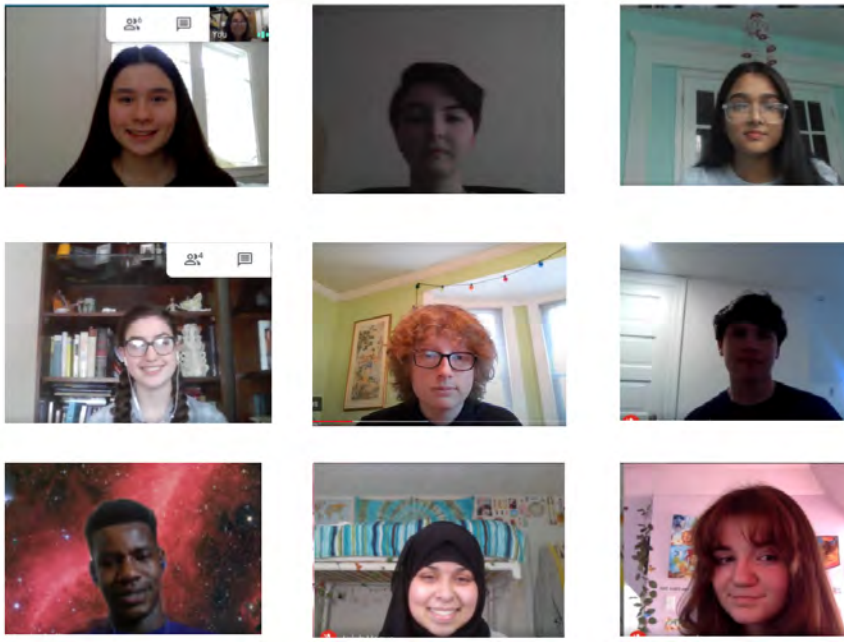
"Blackberry Blossom"
https://www.youtube.com/watch?v=k7uVIoFbQ5k

"Can't Help Falling In Love"
https://youtu.be/HR_v5DYKr70

DELAWARE VALLEY SCIENCE FAIR WINNERS

Our Delaware County Science Fair winners advanced to the highly competitive Delaware Valley Science Fair. The fair is among the oldest and largest in the country, with close to 800 students entering from local fairs in Southeastern PA, South Jersey and Delaware. UDHS had their best year yet with three students (Elise Olmstead, Nishat Tasnin and James Yocco) nearly advancing to the highest level, The International Science Fair.

Congratulations to the UDHS Students Recognized at The Delaware Valley Science Fair!



Remotely using a telescope at the Greenbank Observatory in West Virginia, Elise Olmstead collected radio wave data from around the Milky Way Galaxy to determine the redshift and rotational speed at various locations throughout the galaxy to predict the percentage of dark matter in our galaxy. Nishat Tasnin and James Yocco used a geospatial information system to access the most recent and detailed images of Pluto from the New Horizons Mission. Analyzing close to 200 craters on Pluto for shape and size, they compared the data with the craters on other planets to predict the surface composition of Pluto.

Elise Olmstead - First Place in 9th Grade Earth & Space Sciences - *The Rotation Curve of the Milky Way Galaxy: Dark Matter*

Nishat Tasnin and James Yocco - 2nd Place in Teams Category - *Using Craters to Predict Surface Composition of Pluto*

Ayela Sullivan - 3rd Place in 9th Grade Medicine & Health - *The Effect of Mask Wearing on Respiration*

Alaina Swift - Honorable Mention in 9th Grade Behavioral Sciences - *Do Colors Affect Learning?*

Lylah Hoque - Honorable Mention in 9th Grade Medicine & Health - *Correlations Between Age and Coronavirus Smell Loss*

Maggie Smith - Honorable Mention in 12th Grade Chemistry - *Making Usable Digestible Biodegradable Plastics*

Luke Olmstead - American Meteorological Society Certificate of Outstanding Achievement for creative scientific endeavor in the areas of atmospheric and related oceanic and hydrologic sciences.

Jabe Cox - ASM International Philadelphia Liberty Bell Chapter award ($200 and an ASM medallion) for the best materials engineering project based on use of material-related concepts, a demonstration of some aspect of the materials paradigm, and a quality presentation.

UDHS CHEERLEADERS FINISH 9TH at NATIONALS

JULIEN LAVENTURE - ALL DELCO WRESTLING

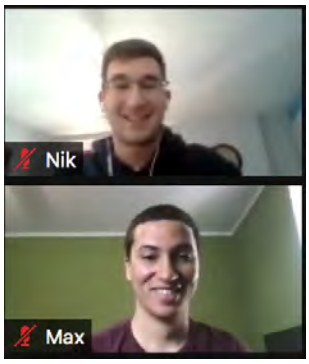
NATIONAL HONOR SOCIETIES

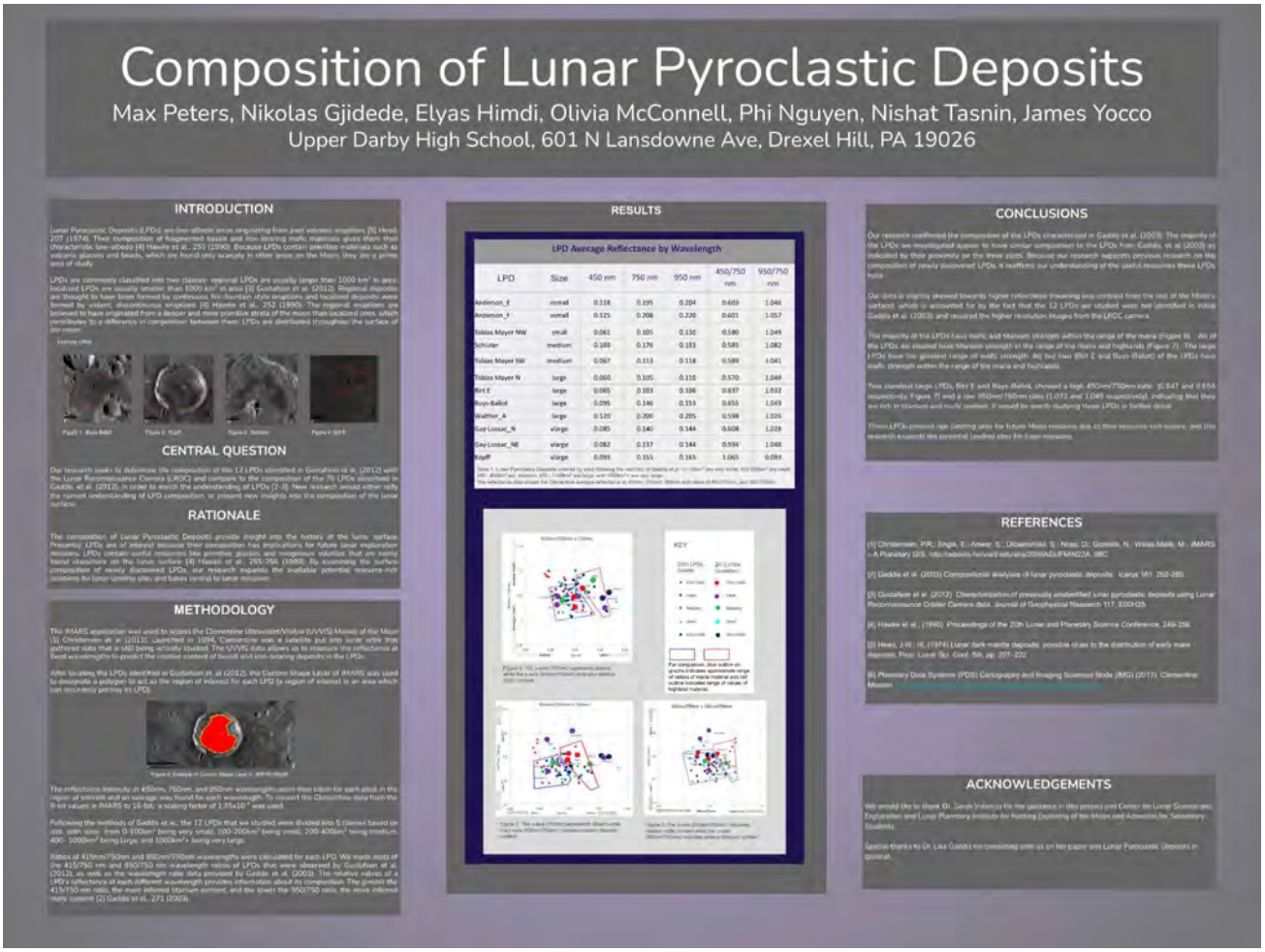
Congratulations to all recent inductees into the following:

National English Honor Society
National Spanish Honor Society
National Art Honor Society
National French Honor Society
National Science Honor Society

LUNAR RESEARCH AT NASA CONFERENCE

Seniors Nik Gjidede and Max Peters presented the UDHS Lunar Team's year long research project entitled, "Composition of Lunar Pyroclastic Deposits" at the national Exploring the Moon and Asteroids for Secondary Students (ExMASS) contest. The students used JMARS, a geospatial information system, to access reflectance data of past lunar volcanic eruptions at three separate wavelengths, then analyzed the data to determine the relative titanium and iron concentrations. This information will be presented at NASA's Exploration Science Forum in July and will be useful for future lunar missions.





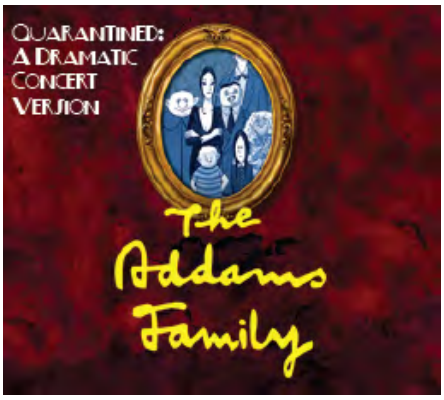
JOE NIAGARA: COACH OF THE YEAR

Boys Lacrosse Coach, Joe Niagara was named **Central League Boys Lacrosse Coach of the Year** by his coaching peers. Niagara's determination, positive attitude, and his commitment to growing the sport of Lacrosse in Upper Darby is both respected and admired by his fellow coaches. The Central League boasts some of the most competitive and highly ranked teams in the state of Pennsylvania; Niagara works diligently to prepare his players- many of whom have never played the sport before- for such high-level opponents. Each day, Niagara instills in his players the desire and dedication to improve, to be a good teammate and to show good sportsmanship no matter what. The Upper Darby Athletic program is lucky to have Joe, and we're confident under his leadership that the sport of Lacrosse will grow, and our team will continue to improve!

NATIONAL WALK AT LUNCH DAY

Upper Darby High School teachers took advantage of the beautiful weather by participating in *National Walk At Lunch Day.*

ADDAMS FAMILY: QUARANTINED



The family you know and love is coming to our stage and living streaming to your living room! The Upper Darby High School students are hard at working preparing this comical feast featuring this wacky well known family. Follow *The Addams Family* as they navigate through life's love, fears, secrets, and the usual torture here and there!
(blurb courtesy of UDPAC)