

Delaware Valley High School - Milford, Pa.

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COVID-19 guidelines change amidst hybrid learning

By Nick Gelardi

News Co-Editor

On Jan. 20, the school board voted to change the health and safety plan to reflect the guidance that they received from St. Luke's Hospital, Wayne Memorial Hospital and the Pennsylvania Department of Health.

Since the omicron variant's arrival, students who test positive from COVID-19 or have symptoms of COVID-19 no longer have to quarantine for 10 days. This quarantine will now only last five days if the student has no fever or is not using fever-reducing medicine for a 24-hour period prior to their return. The symptoms of a positive case would also need to be improved in order to return to school after day five.

There has been no in-school contact tracing since

will be in-home close contact tracing. The quarantine for these students has changed from 17-20 days to 10 days.

The students who test positive or those who are inhome close contacts will still have access to the Zoom learning option and should immediately inform the school nurse of their situation. The nurse will provide the student with his or her return-to-school guidelines, and information will then be relayed to the teachers about the student's opportunity to learn on Zoom.

The new health and safety plan outlines that there is no longer a requirement to wear masks inside the school building, but federal law still requires students to wear masks on the school bus.

In December and early January, buses were not

Jan. 21, but the health and safety plan states that there fully operational because many bus drivers tested positive for COVID-19 or were considered close contacts. Because of this situation, the high school allowed students to learn on Zoom or get dropped off for in-person learning. The hybrid learning option ended on Jan. 26, and all students were expected to return to in-school learning on Jan. 27. During the hybrid system of learning in December in the high school, in-person attendance averaged from 45% on the low end to 65% on the high end.

> "The Zoom learning option has provided a solution during this difficult time, but the feedback from our students has focussed on the difficulty of maintaining engagement while learning on Zoom," high school principal Dr. Nicole Cosentino said.

Red Cross hosts blood drive, collects 43 pints of blood

By Lucas Pauley



Senior Briahna Ortiz donates her blood at the Jan. 26 Red Cross event.

Students perform in District 10 Orchestra Festival

By Shaun Ryan

Entertainment Editor

On Jan. 14 and 15, student musicians participated in the PMEA District 10 Orchestra Festival. Students had the opportunity to audition through a submittable audition online.

The performance took place on Jan. 15 at Catasaugua High School. The orchestra consisted of about 150 students. The symphonic section of the orchestra included four trumpetists, four bassoon players and a full wind

The ensemble practiced the music for the first time together the day before the performance. The orchestra performed three pieces totalling about an hour of performance. They played

in the auditorium for a full audience. Dr. Timothy Schwartz conducted the ensemble.

Senior Nick Moglia played trumpet for the orchestra, along with senior Andre Phillips on the bassoon. The two students placed high enough during district band auditions that they qualified for District Orchestra.

Moglia is moving on to Northeast Region Orchestra taking place on Feb. 24 and 25, at Hazleton Area High School. If qualified, he will move on to State competition.

"These festivals provide our students with the incredible opportunity to make music with the most outstanding musicians from other schools in Pennsylvania," orchestra director Ms. Lauren Flack said.





School News

Cast List: The Addams Family

Ancestors (Ensemble): Bradyn Ayers, Ella Caroll, Eunice Choi, Abby Chudoba, Chris Fleming, Morgan Frey, Marissa Gates, Hailey Kelly, Jasmine Lucente, Rin McDermott, Caden McGoey, Peiper Sivo, Mia Thompson,

Michaela Velez, Sam Walzer, Queenie Yang, Everett Zellmer



Wednesday Addams (Paige Gualandi)

Gomez Addams (Mike Vigilante)



Morticia Addams (Jade Cook)



Pugsley Addams (Roxy Cauchi)



Uncle Fester (Josephine Perez)



Lurch (Ethan Ford)



(Tim Cortes)

Mal Beineke (Kyle Czekaj)



Cinderella's Closet offers free prom wear

By Shaun Ryan

Entertainment Editor

Cinderella's Closet is a school-administered program that provides formal wear for students free of cost. Students who want to avoid the heavy costs of renting or buying expensive clothing for prom can use the large wardrobe found in Cinderella's Closet.

Grandma

(Madison Wehrle)

The closet offers tuxedos, shoes for both men and women, jewelry, suits and over 60 dresses in all different colors and sizes.

If interested, talk to Mrs. Lordi in room D4 and browse the quality attire that Cinderella's Closet offers. You don't have to spend your savings on a dress/suit you will only wear for one night. All items rented must be returned after prom is over.



Use the list of winter-themed words and find them in the word search. Be the first person to come to Mrs. Lordi in D4 with a completed puzzle to win a prize. There was no winner in last month's issue.

i	h	s	t	u	m	b	р	s	е
g	С	h	i	I	I	У	i	d	r
С	s	е	d	t	е	а	r	а	k
t	а	f	s	k	r	а	С	W	m
g	е	f	n	k	0	i	b	f	i
n	f	i	0	b	а	I	t	g	r
i	р	n	W	i	n	t	е	r	g
i	r	0	m	V	b	d	i	0	I
k	n	r	а	d	е	m	f	n	i
s	n	0	W	f	1	а	k	е	g

Winter

Snow

Skiing

Snowflake

Snowboard

Chilly

Ice Skating

Compiled by Mackenzie Olsommer

Planning an ideal schedule

Advice to use while planning your schedule

- While choosing electives, students should make sure they are selecting classes that fit their best interests in future occupations and opportunities.
- Students should consider stepping out of their comfort zone to take classes they would not regularly take to see if they enjoy that subject.
- Make sure you have your scheduling interests and potential classes ready for when scheduling begins in late February.
- Students should consider asking teachers, counselors and previous students for advice regarding which classes best fit their future interests.
- Read the course description guide before deciding to take the class; the course description guide can be found on the school website, under the 'Academics' drop-down menu.
- Avoid taking classes only to have it with friends, as the content of the class matters more.
- Students should set priorities for which classes they want to take early on in their high school career and be wise while planning, as elective space runs out quickly.
- If planning on taking an AP or honors class, students should make sure they are ready to dedicate the time and attention the course requires before scheduling it.
- Senior year electives may provide more balance and stability to one's schedule and are more relaxed. These can be a nice break during the stress of college application season.
- Students should consider taking a mixture of both relaxing, enjoyable classes and academically challenging courses to balance their schedule.

Compiled by Liz Kameen

Credits needed for Graduation

- A minimum of 21 credits must be completed and passed for graduation, including four credits of English courses, three credits of math courses, three credits of science courses, four credits of social studies courses, two credits of humanities and two credits of physical education which includes health and Driver's Education.
- One credit is equivalent to one full year course or two half year courses.

Compiled by Alex Krakowski

Meet your Counselors

9/10 counselors

11/12 counselors

- Mrs. Corry A-F
- Mrs. Ross A-F
- Mrs. Navitsky/
- Mrs. Blaut G-N
- Mr. Hupfer G-N
- Mrs. Favorito O-Z
- Mrs. Keisling O-Z
- Ms. Cosentino

CTE students

Online Resources

For more information regarding scheduling, please access the Del.Aware's online newspaper, dvhsnews.org under the 'School News' drop down menu.

Dual Enrollment Courses

- Dual Enrollment is an opportunity for juniors and seniors in high school to take and earn credits for college courses.
- The colleges that participate with Delaware Valley are Lackawanna College, Keystone College, Johnson College, Luzerne County Community College and Rochester Institute of Technology.
- The credits earned are usually used as credits for the courses a college student would take his or her freshman year. If the students do not attend the colleges they received the credits from, the credits can be transferred for most colleges.
- More information can be found on the DV school website, and the guidance department encourages students to reach out with any questions.

Compiled by Mackenzie Olsommer

Career Technology Education (CTE)

- For students who are interested in attending trade schools or entering a trade industry after high school, DV offers Career & Technical Education (CTE).
- These classes will take up three periods of the day. Sophomores take scheduling priority but the classes are also open to juniors and seniors.
- CTE programs include Automotive, Building Trades, Culinary Arts, Diversified Occupations (for seniors only), Early Childhood, Electrical, Healthcare Occupations and Marketing.

Compiled by Lucas Pauley

Co-Op Opportunities

- Seniors in CTE classes can join Co-Op at any time of the year as long as their job correlates to their CTE trade.
- These work experiences are called "Capstones," which are considered to be "capping off" a student's final year and serve as a substitute for the in-class training that would be received at school.
- Juniors who are not in a CTE program may want to consider Diversified Occupations Co-Op for their senior year. The goal of the program is to earn work experience and school credits in a career industry that is related to the student's future occupation.
- Please see Miss Yanko in D1 or the bulletin board in the B hallway for more information.

Compiled by Nick Gelardi

Opinions

Dear Dela, I'm struggling to keep my New Year's resolutions. Do you have tips on how to stay focused on my goals for this year? -Stressed Peer

Dear Stressed Peer, I would say be realistic about your goals. Make them achievable and not out of reach. Also, you should outline your resolutions. Make sure you plan out what steps you will take to achieve that goal. Journaling may help, too!

Dear Dela, I am in a relationship with this guy who is always cheating on me. Whenever I catch him, he says he's sorry but still does it again. I really love him, and I don't know what to do. Please help me!

-Concerned Significant Other

Dear Concerned Significant other, if you know he's cheating on you and being

unfaithful, why are you putting up with it? If you really, truly love him like you say you do, then just leave him. You should love yourself more than you love anyone else.

Interact Club: serving the community, world

JULIET FITZPATRICK

Class of 2025

Interact Club is Rotary's international service club for people ages 12-18. The members participate in volunteer programs, help the community and complete national service projects.

The Interact Club at DV was founded in 2019. To date they have done material drives for the Victims Intervention Program of Wayne and Pike County. VIP's mission is to "help victims of domestic and sexual violence by educating the community, empowering victims and envisioning a world without violence." The material drives provided VIP with donations of children's books, clothing, pajamas and cleaning supplies.

Interact Club also does an international service project. In the spring of 2021, a walkathon was organized for Samaritan's Feet, an organization that provides shoes for people living in poverty. Through private and local corporate donations the walkathon raised \$1,250.

Interact Club is currently planning their local and international service projects for spring of 2022 and are seeking members to get involved.

Interact Club is a fun way to connect with other students, help the local community and get volunteer hours. If you would like to know more about joining, you can visit Mr. Fitzpatrick the Building Trades Teacher in the Building Construction Room in the CTE wing. Meetings are held about once a month until 4:30 in the Building Construction Classroom, we would love to see vou there.

Shooting for the stars with FBLA

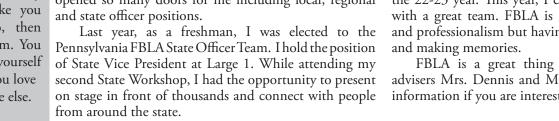
MACKENZIE DONALD Class of 2024

FBLA has been an amazing part of my high school experience so far. FBLA stands for Future Business Leaders of America. This organization is a great way to meet new people and make lasting memories. FBLA has opened so many doors for me including local, regional

In the same year, I was elected to the Delaware Valley

FBLA Officer position, Secretary. This year I got to participate in my first Regional Leadership Conference. As the 2021-2022 Region Competition came to a close, I was elected Region 22 President for the 22-23 year. This year, I competed in 3D animation with a great team. FBLA is not strictly about business and professionalism but having fun, learning new things

FBLA is a great thing for anyone to join. Our advisers Mrs. Dennis and Mr. Luhrs can provide more information if you are interested!



Marisa Dambach News Editor

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REILLY ZIOLKOWSKI Arts & Literature Editor

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> KYLA STEAD World News Editor

Letter Guidelines

The Del.Aware is an administrative reviewed publication of the journalism class of Delaware Valley High School. The Del.Aware will print acceptable letters written by current students which may be edited or condensed for reasons of libel, good taste, grammar and punctuation. Mail: Letters to the Opinions Editor, Del. Aware, 252 Route 6 & 209, Milford, PA 18337 Email: del.awarenewspaper21@gmail.com

School News

Where are they now?: Daniel Privatt

Privatt works in the National Guard after graduating in the class of 2021.

By Nick Gelardi

News Co-Editor

Daniel Privatt is currently enlisted in the Pennsylvania National Guard, one of the oldest and largest National Guards in the United States Department of Defense. He is working to be an 11C indirect Fire Infantryman (Mortarman).

The Mortarman has the most power and range of any weapon in the infantry unit on the battlefield. As a gunner, he will have to be proficient in mechanical drill and in learning the position of the Fire Direction Center (FDC) when computing a fire mission from the Forward Observer (FO).

One of the tasks that an 11C has to carry out is firing mortars that range between 60 and 120 mm. They also have to clean and store these automatic weapons.

Privatt will also have to employ crew and weapons using service or sub-caliber ammunition.

in ground combat and carry out scout missions to spot enemy troops and gun locations. In some situations, he may have to locate and neutralize mines and employ and recover antipersonnel and anti-tank guns.

Privatt will eventually go to his unit and will be training in normal infantry tactics and Mortar specific training. There are 22 weeks of One Station Unit Training, which includes Basic Combat Training and Advanced Individual Training. During this training, he will have to train in the field and in the classroom to keep his skills sharp.

His examination will include situations that simulate combat with tasks, conditions, standards and administrative processes. From there, his qualification will grant him permission to participate in a live-fire exercise (LFX), whether using service or sub-caliber ammunition.

"I always wanted to be in the Army infantry, but later on in life I realized my love for wrestling and its community. When I heard I could do both, I figured that's perfect," said Privatt.

He also said that taking Building Trades CTE classes in high school taught him some of the skills he needed to have in the National Guard.

After the National Guard, Privatt plans to attend state police school, which will allow him to become a state trooper in the future.

Guidance Corner

<u>Plans after graduation</u>

- Any seniors who are undecided about their plans after graduation, please see your counselor as soon as possible.
- Counselors will go over what path might be best for you, whether that be school, military or going into the workforce.
- Juniors who are college bound should plan on taking the SATs twice before their senior year. Delaware Valley will be holding the SATs on March 12.

Scheduling

- · Scheduling for all students will begin in March.
- Counselors will be meeting with individuals to discuss their graduation requirements, course recommendations and elective options.
- Counselors encourage students to have a career path in mind when choosing electives.
- More details about scheduling will be announced in February.

Military

- Students interested in joining the military should plan on taking the ASVAB aptitude test.
- The ASVABs will be held on March 16, sign ups can be found in the guidance office.

Compiled by Reilly Ziolkowski

Inquiring Photographer

"What movie best describes your life?"
Compiled By Alex Krakowski



"National Lampoon's Christmas Vacation" Mr. Gary Cotroneo Staff



"The Half of It"
Isabelle Kanet
Class of 2022



"The Nutcracker and the Four Realms" Bradyn Ayers Class of 2025



"Inception"

Talon Giaccone
Class of 2024



"Sing"
Eunice Choi
Class of 2024



"Ratatouille"
Tim Cortes
Class of 2023

TO COMO

Location: *

- Located 45 minutes from Delaware Valley High School, just off U.S. Route 209
- Adequate vacation rentals are within five minutes of the resort.

Amonicios: * * * /

- Fair selection of meals, with prices averaging a little higher than expected.
- The Square Fare food truck is located on site with a selection of waffles, tacos and macaroni and cheese.
- The resort repair shop is staffed with highly trained professionals.
- -Maintenance services available for equipment

Costs & Flours: * * * *

- -Parking is free for all guests.
- Lift tickets start at \$58 for ages 18 and under.
- -Twilight lift tickets start at \$34.
- -Single-Day rentals start at \$35.

Al water

Condi@ons: ★★★★

11193

Big Bear

3393

- -Ice and slush are common, but mostly clear runs.
- Beginner-friendly green trails and many black diamond trails
- Two park runs with a nice selection of features
- Four lifts that lead to a trail head with multiple runs
- "Lessons are also available for less experienced skiers. "Lift lines are dependent on the weather conditions and time of day." Syour favorit



Review by Max Walsh Class of 2023



Locations

BIG BEAR

Mt. Score

Review by Shaun Ryan Class of 2023

Location: **

- ■45-minute drive from Delaware Valley High School
- -Located on Masthope Mountain in Lackawaxen

Amonibies: **

- Food can be found in the lodge, but prices are a bit high.
- The inside of the lodge is quite nice, includes recreation area
- -No overnight lodging available.

Costs & Hours: ***

- Ranges from \$40 to \$70 depending on the day.
- Ticket prices are higher on holidays and weekends.
- -Closed on Tuesdays and Wednesdays, but usually open until late in the afternoon
- -Ski/snowboard equipment rentals are offered.

Conditions: * * *

- -Mountain conditions vary on the weather.
- Terrain park is not always completely finished
- -Snow is usually down, sometimes snowmakers are on during mountain hours.

Mt. Score

Review by Sophia Vasile

Class of 2023 MOUNTAINCREEK

This data was collected from the newspaper's online website

Shawacc 463

from Jan. 6 - Jan. 31 with a total The Waffle Cabin serves sugary waffles and conveniently of 54 votes.

located next to lift lines for a quick snack.

Adds new features weekly and maintains parks throughout the day ensuring to keep features fresh

*** Coets & Hours

Located in Vernon, New Jersey

- Triple Play cards includes three passes with no blackout dates - \$169.98

Season pass no blackout dates - \$499.99

Season pass with blackout dates - \$449.99 -Day pass - \$99.99

-Twilight pass 3 p.m. - close - \$59.99 ★★★★Conditions:

Low amount of ice and usually has a good layer of powdery

"Mountain Creek posts a "mountain report" daily across all social media platforms.

Community News

2022 breaks streak for Ann Street Park ice skating rink

By James Zayatz World News Co-Editor

Typically built in the center of Ann Street Park in Milford, the Milford Borough skating rink has had its 15-year construction streak broken.

The winter of 2022 has had inconsistent weather, making construction of the rink unattainable for the Milford Borough Recreation Committee, according to committee member Scott Sheldon.

Rink construction begins shortly after New Years, with usual availability of three weeks in January and two weeks in February. It is constructed by a team of 10-12 volunteers, Sheldon among them. The rink requires frosting or snow at the least, as well as a sudden temperature drop to achieve what Sheldon calls a "snap freeze." This is a rapid freezing of the water in the rink, which is not an easy task, as it holds a total of roughly 33,000 gallons of water. Even with a snap freeze, it can take up to 100 hours for the that this would be free," Sheldon said. water to fully freeze, as the 33,000 gallons are spread over a 100ft by 100ft rink with 4-9

inches of depth.

Due to its non-profit nature, the operation of the rink requires donations, many of which are made by community members. Every element of the rink stems from a donation, from the water itself to the hoses used to pump the water.

Over 100 pairs of donated ice skates of all sizes are available returned. A typical day at the rink may see 30-40

people out on the ice, with nights of 5-15 ice skaters. "When we first started, we all agreed we love

skating, we love family, we love the kids, we all agreed

"I want the community to

know that despite the last few years

of warm weather, we're optimistic

that we will be back next year."

With the amount of people on the ice, heavy

maintenance is required, day and night. The community is so intertwined with the rink that often community members join the volunteers to take care of the ice for the next day. For their continued support, the volunteers are incredibly grateful.

"I want the community to know that despite the last few years of warm weather,

for use by anyone, free of charge, as long as they are we're optimistic that we will be back next year," Sheldon said.

The Greentown Grill offers wide variety of dishes

By Sophia Vasile

Arts & Literature Co-Editor

The Greentown Grill is a rustic style small restaurant located in Greentown, Pennsylvania. When customers enter the restaurant they are greeted with a stone fireplace and an overall cozy atmosphere. They feature locally made iron work hung from the ceiling and walls such as a pair of metal sandals and old iron belt buckles.

The Greentown Grill serves breakfast, lunch and dinner offering a wide variety of different foods. Their seasoned steak fries served with cheese, bacon, onions, tomatoes, jalapenos and secret sauce otherwise known as Garbage Wedges were crispy and had a good balance of flavors.

A popular menu item at The Greentown Grill is their Rodeo Burger, a half charbroiled burger with bacon, cheddar cheese, BBQ and is topped with an onion ring. The burger itself was cooked perfectly and the unique addition of the onion ring tied the

burger together.

The special of the day was chicken Arts & Literature Co-Editor fettuccine alfredo which was rather disappointing. The creamy sauce was in fact not creamy and the tender chicken firefighters you probably do not think was quite dry.

During the summer, The Greentown Grill serves 28 different ice cream flavors and shakes such as moose tracks, lemonlime sherbert, mint chocolate chip and more.

Overall, The Greentown Grill is a nice restaurant if you're looking for a quiet and delicious meal. I give it a 4 out of 5 stars.



The Rodeo Burger, their most popular item, satisfies a savory craving.

EMS programs available to Pennsylvania teens

- Scott Sheldon

By Sophia Vasile

When you think of EMTs and of teens, but the junior fire program in Pennsylvania accepts youth as young as 14 years old.

The goal of the program is to allow teenagers to be directly involved with their department as well as work towards getting their fire certifications. While the teens are still under certain rules and regulations for their safety, they can go to fire calls and drill nights at their firehouse.

Not all courses offered at fire training centers are necessary but are useful nonetheless: introduction to the fire service, chimney fires and heatingrelated emergencies, fire 1, water resource awareness, fireground support.

The EMS program in Pennsylvania starts as young as 16, beginning with a required EMS provider education course, CPR certification and a written and practical exam. These courses



Junior firefighters practice rescue techniques.

take about five months to complete, and after taking them, teens can go to medical calls and treat patients. If teens are not 18 yet they can only be EMS which still allows them to treat patients but does not allow them to do as much acute care as paramedics or EMTs.

"With the lack of EMT personnel in our community, we can use all the help we can get. The EMT training program is an amazing way to help out the community and I highly recommend it for anyone looking to help out," EMT volunteer Emma Darazsdi said.

World News

Uncertainty, tension persists between Russia, Ukraine

By Kyla Stead World News Editor

Tensions between Russia and Ukraine are at their highest in years, and in recent weeks, there has been a build-up of as many as 100,000 Russian troops along Ukraine's borders.

Pentagon's The officials have warned that the amount of troops that have been amassed by Russia are enough to launch a full-scale invasion, and analysts warn that an invasion such as this would result in a "horrific" aftermath.

These warnings have stoked fear in many, even after Russian officials' statements denied its planning of an attack and in order to maintain and restore international security

instead claimed that any of their acts are defensive. On Jan. 18, U.S Secretary of State Antony

Blinken spoke with Russia's Foreign Minister, Sergey

Lavrov and "stressed the importance of continuing a diplomatic path to de-escalate tensions surrounding the deeply troubling Russian military build-up." The secretary also reminded of the "unshakable" U.S commitment to Ukraine's territorial integrity and sovereignty.

Based on Russia's threatening behavior against Ukraine, a meeting of the United Nations

Security Council called and took place Jan. 31. This council convenes

and peace, and this was the first open session where all protagonists involved in this crisis spoke publicly.

U.S. Ambassador Linda Thomas-Greenfield claimed that Russia was attempting to "paint Ukraine and Western countries as the aggressors to fabricate a pretext for attack" based on their heavily armed troops at Ukraine's borders.

Russian Ambassador Vasily Nebenzya said that the United States was "provoking escalation" with false charges and accused the Biden administration of "whipping up tensions and rhetoric." After, the U.S. stated that they were not given the answers they had hoped for.

There were also historical references and harsh language from Nebenzya blaming the U.S. for indirectly creating the antagonism that exists between Ukraine and Russia. He then left the council chamber as the Ukrainian Ambassador Sergiy Kyslytsya spoke, questioning how long Russia will pressure.

The debate at this council was not able to ease the tension of the situation, but there is more high level diplomacy to take place as the crisis persists.



The United Nations Security Council meeting included Russia and the U.S. exchanging harsh conversation.

World's oldest male gorilla Catastrophe as Tongan dies at the age of 61

Ozzie passed away at the Zoo Atlanta on Jan. 25.

By Mackenzie Olsommer Sports Editor

Jan. 25 was a sad day for the Zoo Atlanta caretakers when 61-year-old male gorilla, Ozzie, was found dead. The cause of the death has not been released, but the caretakers said he had

been showing signs, one of them being a loss of appetite. The veterinary team had also been treating him for a swelling face and overall weakness.

Ozzie was a

lowland gorilla. He was the third oldest gorilla and the oldest male gorilla in the world. Lowland gorillas are critically endangered due to poaching, habitat loss and drastic population reduction from disease. Their numbers have

decreased by 60% and as much as 90% in some parts of western Africa according to the International Union for the Conservation of Nature.

Ozzie was the world's first gorilla to be a part of a voluntary blood pressure reading in 2009. He was also the only surviving member brought to Zoo

death]

Atlanta with the opening of the Ford African Rain Forest in 1988.

- President Raymond Kind

Ozzie's

is a devastating loss for Zoo

Atlanta."

The gorilla survived by seven descendants

the Zoo Atlanta along with many other offspring at other zoos in the United States and Canada.

"This [Ozzie's death] is a devastating loss for Zoo Atlanta," Raymond Kind president and CEO of the zoo said.

volcano erupts

By Jeongho Koh

Science & Technology Co-Editor

On Jan. 15, an underwater volcano in Hunga Tonga-Hunga Ha'apai, a Tongan island, explosively erupted, causing a subsequent tsunami and an "unprecedented disaster" for the Tongan

At least three people were killed, hundreds of homes were destroyed and communication was cut off. In addition, volcanic ash was sent 100,000 feet into the atmosphere, creating a dust cloud that engulfed nearly all 170 Tongan islands.

The effects of the eruption could be felt from as far away as the west coast of North America.

According to NASA, the

eruption of the volcano was hundreds of times more powerful than the atomic bomb dropped on Hiroshima during WWII.

The eruption also had a profound impact on the uninhabited Hunga Tonga-Hunga Ha'apai. By Jan. 17, the single island had split into two small land masses due to its connecting terra firma being destroyed by the volcano. The two islands were renamed Hunga

Tonga and Hunga Ha'apai.

Tongan politicians relief organizations alerted the inhabitants of potential food shortages due to crops being ruined by the volcanic material. Rescue workers are currently aiding recovery efforts delivering drinking water to those affected.

World News

Domestic dispute results in Greece murders, domestic death of NYPD officer

officer deaths after

"There are always lessons to learn,

and we will review all aspects of our

preparation and implementation to

inform our planning - as we do every

- Tennis Australia

By James Zayatz World News Co-Editor

On Jan. 21, two New York police

officers were shot while responding to a domestic disturbance in Harlem, New York. Officer Jason Rivera was killed and the other officer, Wilbert Mora, was critically injured.

According to New York Police Department Chief of Detectives James Essig, the call was made at 6:15 p.m. by a woman claiming she was in a dispute with one of her sons. Three NYPD officers promptly responded to the call and were More attention has now ushered into the caller's Harlem been brought to police apartment. It was here that 47 year-old Lashawn McNeil was Rivera's passing. waiting for law enforcement.

McNeil opened fire on the

officers as they approached the room he was in, killing Rivera and critically wounding Mora. The third officer responded with shots of his own,

hitting McNeil twice as he attempted to escape, putting him in critical condition.

This shooting marked a total of five NYPD officers that have been shot in the month of January alone, prompting New York City's mayor, Eric Adams, to speak out against the violence.

"This is a battle between the killers and New Yorkers, and we are not going to lose that battle," Adams said.

abuse brought to light

"For decades, the Greek justice system

By ALEX KRAKOWSKI Managing Editor

Since the beginning of the pandemic, there has been a rise in domestic violence and murder cases in Greece. Women are fighting for authorities to take more action against

these cases prevent from occurring in the future.

the

n

first

showed leniency to abusers citing 'crimes of passion." - Clio Papapantoleon

10 months of 2021, 5,705 domestic abuse cases and 16 murder cases were reported. This was a 60% increase from 2020, which indicates that a partial cause is the lockdowns when partners are stuck together in their homes for an extended period of time.

Women activists are blaming authorities for not being educated

enough to see warning signs of domestic abuse.

One publicized case was about a woman who was stabbed to death, and a few weeks prior, the police were dispatched to her home after a neighbor called worried about the woman's safety.

These brutal cases shocked the

nation the seemed to be dominated by so many other cases like these.

F o r decades, the

Greek justice system showed leniency to abusers citing 'crimes of passion,' Clio Papapantoleon, a prominent Greek lawyer said.

Despite society deeming the topic as taboo, now that more people are raising awareness, more women are speaking up and getting the help they need.

Novak Djokovic deported from Australia after visa revoked

By Marisa Dambach News Editor

Serbian tennis star Novak Djokovic was officially deported from Australia after entering the country unvaccinated for the Australian Open. Djokovic was seen as "a risk to public health and order" as Australia has strict rules pertaining to COVID-19.

The saga started on Dec. 16, when Djokovic took His visa was then canceled while he

a PCR test and it came back positive. Two days later, he gave an interview to L'Equipe while knowing he was positive for the virus. On Dec. 22, he retested negative.

After testing Djokovic negative,

said he had exemption to play at the Australian Open detention center where he was allowed to in 2011. unvaccinated. Since he previously had COVID-19, he prepare for the upcoming tournament. said he did not need to be vaccinated but under federal

year."

an immigration facility.

On Jan. 5, Djokovic arrived in Melbourne just before midnight for the Australian Open. In the early hours of his arrival, the Australian Border Force rejected his exemption saying all new arrivals needed to be vaccinated.

remained detained.

The matter went to court where a judge ruled the decision "unreasonable" Djokovic because didn't have enough time to contact his legal team. He was

rules, it was not enough and he was later detained in deeper into the case to investigate his previous COVID-19 positive result. Days later, the officials

decided to cancel his visa for the second time. Djokovic's legal team claims he made an error under the country's migration law but the court still ruled for him to be deported back to Serbia.

Tennis Australia expressed regret that the visa dispute had distracted players at the tournament; "There are always lessons to learn, and we will review all aspects of our preparation and implementation to inform our planning - as we do every year. That process always starts once the Australian Open champions have lifted their trophies."

Diokovic remains in Serbia while he misses out on his chance of

Novak Djokovic won his then freed from the second Australian Open title

Over the following few days, officials looked a tenth Australian Open title.

2021: A Vear



Event 1:

On Jan. 6, about 2,500 people broke into the U.S. Capitol while Congress was certifying the electoral vote win of President Joe Biden. Five people, one Capitol police officer and four rioters, were killed during the attack. **Event 2:**

From Feb. 10 - 27, North Texas hit ecord low temperatures of -2 degrees Fahrenheit. Due to the snow storms and freezing temperatures, more than 4.5 million homes and businesses were left without power.



Compiled by Aidan McBride

April European Union authorities temporarily stopped distributing the Johnson & Johnson COVID-19 vaccine shortly after six women developed blood clots after receiving it.

On May 27, the "Friends" reunic streamed on HBO Max, 17 years after the show ended. The reunion included

the same iconic actors as the original cast who reminisced

and celebrated the original

Event 1:

Event 2:

sitcom.

Jan - Mar

Compiled by Reilly Ziolkowski

Apr - Jun

Compiled by Liz Kameen

During the start of COVID-19, NYC film producer Beth O'Neil came back to Milford. Milford Theater owner Bill Rosado talked to O'Neil about refurbishing and reopening the theater.



Highlights

Compiled by Meaghan Hunt

On May 5, 2021, Gov. Tom Wolf announced that on May 31, 2021 all COVID-19 restrictions except masks would be lifted. This meant that all public businesses could open at full capacity.



Source: govnerorpa



Cicely





Prince Philip was the Duke of Edinburgh and the husband of Queen Elizabeth II.



John Madden

Madden was an American football coach and sports commentator for the NFL.



Source: reuters



Source: teamusa

Oct - Dec



Event 1:

In November, a New York judge granted the motion to vacate the convictions of Muhammad A. Aziz and Khalil Islam for the assassination of Malcom X after evidence surfaced proving their innocence.

Event 2:

In December, four tornadoes touched down in Kentucky, killing 78 people and destroynig 75% of homes primarily in Mayfield, Kentucky. This was seen as the most devastating incident Kentucky's history.

Jul - Sept

Event 1:

After being rescheduled. the Summer Olympics were held in Tokyo, Japan, in July, 2021. The United States won a total of 113 medals. Simone Biles (pictured) made headlines after pulling herself out of the majority of her events because of mental health reasons.

Event 2:

With winds ranging from 50-150 mph, Hurricane Ida struck on Aug. 25-Sept, 4 and tore through major parts of Louisiana and 19 other states. The total damage from Ida was around \$631 million.

Arts & Literature

Spotlight Artist: Grace Liszka

By Liz Kameen

Editor in Chief

Senior Grace Liszka has always been interested in

art as a hobby, but her passion for it grew significantly after taking AP Studio Art her senior year with Mrs. Christine Sweeney as her instructor.

"Having a class that is one hour of just pure art that is mostly independent is something that puts me in my artistic element. Now that I have that class, I can truly put time and effort and full potential into my art," Grace said.

Grace credits her AP Studio Art class as one of her inspirations, as well.

"My AP Studio Art class definitely

inspires me to create my art and help me with my processes. It is just such a warm and welcoming environment that we all fit together, and that makes me want to make my best art," she said.

Many of Grace's pieces are very personal, explicitly designed to open the work for viewer interpretation. Grace's favorite works require analysis and layering, and

her favorite medium is mixed media, as it allows her freedom to create layered and textured appearances to her works with different materials.

Grace participated in the 4-H Art Club and competed in Odyssey of the Mind, in which she designed and created sets, costumes and props.

"Grace has reached a

point in her artistic growth where fearless exploration, risk-taking and her technical abilities are in sync with one another, revealing a synthesis of materials, processes and ideas. Her work is very expressive and engaging," Mrs. Sweeney said.

Grace recently won a Gold Key award for Scholastics and also received an honorable mention. She has also completed a commissioned mural at the Sparkomatic Cafe and Talkhouse in Milford. Grace plans to major in fine arts in college.

"Art can be such an amazing way to express emotions and to deal with things that you have gone through in life, and art does not have to be based on skill and can be amazing based on its meaning," Grace said.

"And as Todd Chavez once said, 'isn't the point of art less what people put into it, and more what people get out of it?"

Spotlight Writer:Griffen Kowal

By REILLY ZIOLKOWSKI Arts & Literature Editor

Senior Griffen Kowal's preferred writing style is informal, as it allows him to be more creative and there is no format limiting him.

He was first captivated by writing in fourth grade with the prompts his teacher

The prompts allowed him to write the stories in his mind onto paper for the first time. The prompts

- Mr. Bryan Pol

"Despite his acumen for business and STEM-based learning, Griffen has proven himself a well-rounded young man with a talent for just about everything."

he received in his junior year English class are what really got him involved in writing.

"The prompts I received in my English class that year really expanded the way I wrote, beyond the typical five paragraph essay," Griffen said.

While he has been inspired by his high school English teachers, Mrs. Leslie Lordi, Mr. John Farrell and Mr. Bryan Pol, his mom, is his greatest inspiration.

Griffen's first memory of literature was reading at a young age with his mom. He specifically remembers reading "We Eat Dinner in the Bathtub" at age 6 with her, and he said it was the first story he truly enjoyed.

"She [Griffen's mom] showed me that whatever you put into something you will get out," said Griffen. "I believe that

> this translates especially well to improving your writing."

Griffen has taken both AP English Language and Composition

and AP English Literature and Composition. He has not been involved with any writing and literature clubs, but in his free time has written 36 essays in his process to apply to 16 different colleges and universities.

"Despite his acumen for business and STEM-based learning, Griffen has proven himself a well-rounded young man with a talent for just about everything," said English teacher Mr. Bryan Pol.

Spotlight Musician: Michael Vigilante

By Lucas Pauley
Opinions Editor

Before graduating high school, Mike Vigilante has already greatly advanced himself musically. He is a part of orchestra, band and jazz band as well as performing in chorus, chamber choir and school musicals as a vocalist.

Mike started out in both orchestra and band because other family members who played instruments. He made the decision to join chorus without having a family member who had

been apart of the ensemble. Joining chorus proved to be a smart decision for him, as chorus would soon become his favorite of the three ensembles.

"With singing I kind of thought, might as well. So

then I joined, and singing ended up being my main one halfway through high school," Mike said.

Mike was recognized as a vocalist being ranked secondin District 10 Chorus as a tenor. Although he has been working hard to improve as a singer, Mike was still surprised when he heard the news.

"It felt pretty insane because it was the first time trying out for districts with chorus," Mike said.

He also works with a New York based musical theatre group called Kidz Theatre.

Mike mentioned the musical director Michael Liepper, an experienced broadway actor, as someone who has been an inspiration.

"He's inspired me to keep going. He's like my number one fan, and I really appreciate it," Mike aid.

Arts & Literature

Fashion Aware: Tattoos

By Sophia Perrin

Science & Technology Editor

The art of tattooing has been a global practice that dates back to Neolithic times. In recent years, tattoos have become more accepted in society.

The art of tattooing has a wide range of opportunities as far as style and practice are concerned. Modern tattooing is created using a tattooing gun or pen. However, other methods include "stick and poke" which involves using a needle and more traditional practices using tools made from sharpened rocks dipped in ink and tapped into the skin with another rock, common in the Pacific Islands.

The variety of styles that tattoos are designed in are not only determined by family tradition but also by personal meaning. Common and trending styles of understood with a glance and the most important part tattooing include black and grey work,

tribal, realism, tradition and new school techniques that are applied to further deepen the meaning of the work itself.

Although these different styles and methods change the view of the art itself, artists pride themselves on the basics of tattooing no matter the content or method of which the tattoo is produced.

> These basics include the linework, an essential aspect of the tattoo's structure, the shading the of tattoo which brings deep and dimension to tattoo, consistency that is vital to ensure a cohesive piece that is easily permanent and removal is costly and painful.



Source: voguedout The art of tattooing is a permanent meaningful reminder of self expression.

as well as the first step of tattooing, the stencil that the artist uses as a guide to create the piece the customer has ask

As a form of body modification, tattooing is also a way of expressing one's self through permanent artwork. As it becomes more socially acceptable as a form of self expression, there are still underlying concerns as to the nature of tattoos in professional settings. Many occupations require employees to cover their tattoos to ensure no embarrassment or discrimination for both the employer and employee.

The decision to get a tattoo needs to be carefully considered as it is

Students participate in **Peters Valley Exhibition**

By Jeongho Koh

Science & Technology Co-Editor

This year, Peters Valley School of Craft is hosting its tenth annual High School Student Exhibition, a competition for high school art students in which the participating art pieces will be on display. About 10 high school students chosen by the art teachers will have the opportunity to showcase their artwork. High schools from all over the country including Delaware Valley High School will be competing.

The art pieces will first be presented at a show at Peters Valley in Layton, New Jersey, on Feb. 5 from 3-5 p.m. After the show, the artwork will still be on display for the public to view until Feb. 27 at an exhibit at Peters Valley.

The show and the exhibit will mainly feature three dimensional art pieces such as ceramics, collage, textiles, jewelry and mixed media sculptures. However, Peters Valley will also accept paintings and photography.

There will be a reveal of the first, second and third best art pieces of the show. The winners of the competition will receive a scholarship for a free course with a working artist.

Participating artists can choose to sell their artwork. Selling prices generally range from \$60 to as much as a couple hundred dollars depending

on the piece. Thirty percent of the profits will go to Peter's Valley as commission while the rest will go to the artists.

Art teacher Dr. Irene Lantz encourages the students to participate because of the benefits that come with it.

"It is a confidence boost, and it helps the students develop as an artist. Colleges will also see that they have participated in the ceremony, and it will certainly look good on the students," Dr. Lantz said.

Students honored for **Scholastic Art Awards**

By Alex Krakowski

Managing Editor

This year the Scholastic Arts and Writing program had their annual arts and writing competition.

The first level was regional, so judging was held at the Everhart Museum in the northeast region.

This year the judges were limited to nominating only five Gold Key Awards and two of those awarded are from Delaware Valley.

Senior Grace Liszka won the Gold Key Award with her mixed media/ collage piece "Disconcerting" as well as an honorable mention with her piece "Antiquity vs Modernity."

She had no specific message in mind for "Disconcerting" so anyone could interpret it however they would

She had a whirlpool of emotions that helped her as she was creating the piece.

"Art is a great thing for emotional expression and escape," Liszka said.

The second winner of the Gold Key Award is sophomore Scarlett Weir who is also an American visions nominee with her piece "Drowning in Drapery." It is a graphite and colored pencil work focusing on the effects of fast fashion.

"Global warming has modified my view of the future, making me fear what will become of the world instead of enjoying how it is now," Weir said.

Both Liszka and Weir will continue onto the national level with their work.

Due to COVID-19 limitations, there will not be a ceremony held for those awarded.

For the Silver Key Awards, the winners are seniors Emma Darazsdi, Mirabella Demmo, Sophia Miller and Rachel Richter and sophomores Sam Hadley and Brandon Maros-Moran.

There were a total of 12 honorable mentions from Delaware Valley this

The Gold Key pieces are being showcased at the Everhart Museum from Feb. 3 - Feb. 27.

Entertainment

New Netflix orginal movie 'Don't Look Up' provides social commentary, comedy By Shaun Ryan some points. With a

Entertainment Editor

"Don't Look Up" premiered Dec. 5 on Netflix. The movie centers around two low-level astronomers who discovered a comet hurtling towards Earth which would indefinitely mean the extinction of the planet. The two travel around the U.S. attempting to convince the ignorant, distracted public of this immense threat.

The cast is led by the two astronomers, played by Leonardo DiCaprio and Jennifer Lawrence. DiCaprio plays a nervous and relatively submissive professor, while Lawrence plays a smart, jaded astronomy student. Supporting cast members include Meryl Streep and Jonah Hill, rounding out this all-star cast.

At first glance, "Don't Look Up" seemed like an instant hit, but somewhere along the way this movie loses its pizazz. It can be labeled as a comedy, Sci-Fi, social commentary and maybe even a drama at

dense runtime of two and a half hours, this movie spends much of that time shoving its metaphor down the viewers' throats.

Don't get me wrong I did enjoy much of this movie, especially the first act. Watching DiCaprio play this anxiety-ridden character is very entertaining, the supporting cast did and get a few chuckles out of me. T h e casting is the main

reason this movie didn't absolutely flop. Each of the actors brings a small part of themselves

shows. The comedic parts of this movie are executed very well and never fall short of a laugh.

"Don't Look Up" also includes many celebrity cameos, most notably from Ariana Grande and Kid Cudi. Although the use of celebrity influence was a little tacky, it was fairly entertaining and didn't feel out of place.

The movie has an interesting premise and a good message, but the way it was executed was askew. The movie's metaphor is that the public is so distracted by arbitrary issues, convoluted politics and celebrity drama that they can't even register that the world is literally ending.

"Don't Look Up" could've spared about 30 minutes of its runtime. Towards the end, I found myself less engaged than at the beginning. Although I appreciate the comedy and social commentary, this film just falls a bit short for me. Good idea, bad execution.

Gunna releases new album 'DS4Ever'

By AIDAN McBride

Sports Co-Editor

On Jan. 7, hip-hop artist Gunna released his third studio album "DS4Ever." The album has 19 tracks, and is altogether 54 minutes long.

For the most part, the songs are relatively short. The shortest song was "25k assaulting a police officer while naked. McDowell, jacket," which was exactly two minutes long. The longest song was "so far ahead less than an hour prior to the incident, was seen > empire," which was five minutes and 37 seconds long, and the average time acting normal at a gym in Deerfield Beach, Florida. for all songs is 2.88 minutes.

Ten of the songs contain features, and each of the featured artists had great proximity to an elementary school while naked. In performances, complimenting Gunna well. The featured artists contain Future, response, the school immediately entered a lockdown Young Thug, 21 Savage, Kodak Black, Chlöe, Lil Baby, G Herbo, Nechie, Chris until McDowell was taken into custody. Brown, Yung Bleu and Roddy Ricch.

making the album entertaining. Gunna has solid performances most songs,

provided catchy flows and choruses, making arrested. many songs have high replay value.

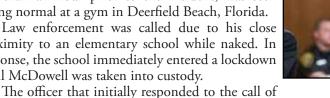
runtime. I would rate this album a 3.9/5.



By James Zayatz World News Co-Editor

On Jan. 17, the Cleveland Browns' defensive tackle Malik McDowell was arrested on account of

Law enforcement was called due to his close





The production was excellent throughout the album. There were alternating a naked man outside the school was a Broward County sheriff's deputy. The deputy's producers on the album, some of them being report states that his encounter with McDowell began with McDowell yelling profanity Metro Boomin, Wheezy and Turbo. Each at the officer before rushing him. The distance between McDowell and the deputy was instrumental was different from one another, too small for any counter tactics to be utilized, resulting in him being struck multiple times by the 6-foot-6, 300 pound McDowell.

> After the assault, McDowell initiated a foot chase with backup law enforcement. especially ones where he was on his own. He The chase ended with the football player being incapacitated by a taser and therefore

> The official charges against McDowell are, according to CNN Sports, as follows: My personal favorite songs were "pushin obstruction of justice with violence, aggravated battery on a law enforcement officer P," "thought i was playing" and "south to west." and public exposure. McDowell is once again in an unstable position regarding further The only thing I was not a fan of was the long play. In 2019, McDowell served an 11-month prison sentence. With this and his current predicament in mind, the amount of teams looking to draft him may thin heavily.



Entertainment

2022 brings the loss of famous actors, actress

By Nicole Steinberg

Entertainment Co-Editor

It has only been a month into the new year, and we have already lost multiple legends in the entertainment industry.

Betty White (1922 - 2021)

Betty White was born on Jan. 17, 1922, in Oak Park, Illinois, to parents Tess and Horace White. When Whitewas two years old, she moved to Los Angeles,

California, with her parents.

Early into the 1950s, White got her start working on the show "Life With Elizabeth." White's first start to stardom was in the show "The Mary Tyler Moore



Show," which awarded White two Emmy Awards." After this show, White started working on the show "The Golden Girls" as main character Rose Nylund. The series lasted from 1985-1992. The show "The Golden Girls" was one of the most top-ranked shows of all time and gained White another Emmy

Later in White's career, she was involved in several shows and movies including: "Golden Palace," "The John Larroquette Show," "Bostal Legal" and a supporting role in 2009's "The Proposal." White even hosted "Saturday Night Live" in 2010. She became the oldest person to ever host SNL.

White passed away on Dec. 31, 2021 at the age of 99.

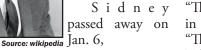
Sidney Poitier (1927 - 2022)

Born two months prematurely in Miami, Florida, Sidney Poitier was brought into the world on Feb. 20, 1927, to Bohemian parents Evelyn and Reginald Poitier. At the age of sixteen, Poitier moved to New York City and became a part of the American Negro

Poitier's Hollywood Debut was the movie titled "No Way Out." Throughout his life, Poitier starred in several classics such as "In the Heat of the Night," "Guess Who's Coming to Dinner" and "Lilies of the Field," which won him a Best Actor Academy Award as the first African American to receive this award In 1974, Poitier was awarded the Knight Commander of the British Empire.

During the 2000s, Poitier was awarded several awards. In 2009, he was awarded the Presidential Medal

> of Freedom. In 2011, he was awarded with the Chaplin Lifetime Award.





Bob Saget (1956 - 2022)

Bob Saget was born in Philadelphia, Pennsylvania, on May 17, 1956, to parents Rosalyn and Benjamin Saget. Saget graduated from high school and immediately went to Temple University where he graduated in 1978. After graduating from Temple, Saget went

on to attend University of Southern California.

Saget went on to play numerous different roles, but the start of his career started when he got the role as Danny Tanner in the show "Full House." The show "Full House" aired on CBS from 1987-1995. While filming "Full House," Saget began hosting the show "America's Funniest Home Videos" from 1990-1997.

After finishing these shows, Saget went on to play in other shows such as: "Raising Dad" in 2001, "The A c h i e v e m e n t Aristocrats" in 2005 and hosted his own

> comedy shows "That Ain't Right" 2007 and "That's What I'm Talking About" in 2014. Saget returned in 2016 film "Fuller to House" which aired on Netflix until 2020.



Saget passed away on Jan. 9, 2022.

2022 top Grammy nomiees

By Shaun Ryan

Entertainment Editor

This year, the 64th Grammy Awards consist of 86 categories with hundreds of people nominated. Here are the top picks for some of the more anticipated categories.

COVID-19 Update: The 2022 Grammy ceremony has been postponed due to the recent coronavirus surge. The new date is set for Apr. 3 2022

Album of the Year Nominees:

- Donda Kanye West
- Sour Olivia Rodrigo
- Montero Lil Nas X

Rap Album of the Year Nominees:

- The Off-Season J. Cole
- King's Disease II Nas
- Call Me If You Get Lost Tyler, the Creator

Song of the Year Nominees:

- "Driver's License" Olivia Rodrigo
- "Leave the Door Open" Silk Sonic
- "Bad Habits" Ed Sheeran



Uncharted' premieres Feb. 18

By Kyla Stead

World News Editor

Following the young treasure hunter Nathan Drake played by Tom Holland, "Uncharted" is a prequel to the popular PlayStation video game

series of the same name and is filled with action and adventure.

Nathan believes himself to be a descendant of the English explorer Sir Francis Drake and is learning the workings of El Dorado, the fabled South American golden city. Mark Wahlberg will play Victor "Sully" Sullivan as Nathan's partner-in-crime and

mentor. Sophia Ali will also appear as fellow fortune seeker Chloe Frazer.

The movie is centered on a story absent from the video game series about Nathan and Sully's first adventure together, setting out to find a lost treasure. It shows the details of

> how the two came to meet and befriend one another.

> Releasing on Feb. 18, some fans wonder if this movie adaptation will live up to the video game series, as it is the first major film to be based on the games. The games heavily focus on narrative and often act as an interactive film rather than a typical video game, so many believe there will be a seamless transition to the big screen.



Science & Technology

T-cells aid in suppressing COVID-19 infection

By Relly Ziolkowski

Arts & Literature Editor

In recent studies, carried out by the U.K. Researchers at Imperial College London, it has been found that T-cells, which are the body's response to fighting the common cold, may protect against COVID-19.

This study began in September of 2020 when most people in the U.K. had not yet been infected or vaccinated against the coronavirus. The study looked at 52 household contacts of people who tested positive for COVID-19. Blood samples were taken from the participants within 1 to 6 days of them being exposed to the virus. The samples were then analyzed to observe the levels of the pre-existing T-cells from previous common cold infection.

The testing found 26 of the participants who were

significantly higher T-cells than those who became ill from COVID-19.

"The findings provide 'the clearest evidence to date that T-cells induced by common cold coronaviruses play

a protective role against COVID-19," said Professor Aiit Lalvani, the study's senior author. "It could hold the key to developing a universal vaccine that protects against current and future variants."

The research has found that the T-cells attack the

proteins inside of the coronavirus rather than the spike COVID-19 is to be fully vaccinated." proteins on the surface. How the current vaccines work is

exposed, did not get sick. Those who did not get sick had that harmless proteins of the coronavirus are injected into the body so it can recognize the foreign virus, fight it and remember how to fight it after future infection.

> While it is still early in the research, these findings could possibly lead the way to a longer-lasting vaccine

> > against current and future COVID-19 variants.

"Although this is an important discovery, no one should rely on this alone," said Dr Rhia Kundu, from Imperial's National Heart & Lung Institute. "The best way to protect yourself against

CES 2022 displays new electronic products

By Nick Gelardi

News Co-Editor

The annual Consumer Electronics Show (CES) took place this year from Jan. 5-8, showcasing the future technologies and innovations that are expected to come out later this year.

The **CES** event has taken place for over 50 years, with the first event being held in 1967.

With the pandemic the changing way the world operates, some of the inventions showcased hybrid new lifestyle. Some of technology

presented at this event include new televisions, computers and speakers.

An innovation in the computer industry that was presented was the Dell XPS 13 Plus, which features an invisible glass touchpad. This uses haptic vibration motors to simulate clicks.

It can also handle up to 28 watts of power, but the most notable feature is that the keyboard and the touchpad run from end-to-end on the bottom of the laptop.

A prototype smart contact lens was presented by TCL called the "TCL NXTWEARG smartglasses," which creates an expanded view that is equivalent to a

> 140-inch screen that is 4 meters away, all with the regular look of sunglasses. They can also show directions or take and share photos.

Headphones and speakers were also presented, such as the N1 Noveto. by This product is being dubbed the "invisible

headphones" and is a combination of a sound-bar and headphones that emits ultrasonic waves to create three-dimensional sound around the ears. Motion sensors track the head of the person wearing it to ensure accurate sound performance.



People gather at a hybrid CES event in New York City to hear about and see the new technology of 2022.

History's largest number of fish nests in Antarctica

- Professor Ajit Lalvani

By James Zayatz World News Co-editor

role against COVID-19."

If someone was asked where they think most fish tend to nest, Antarctica would probably be their last guess. A study by biologist Autun Purser and his team from the Alfred Wegener Institute in Bremerhaven, Germany has recently proven that the continent, although harsh, is

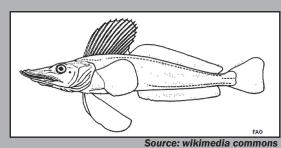
"The findings provide 'the clearest

evidence to date that T-cells induced by

common cold coronaviruses play a protective

the perfect breeding ground for icefish.

The t e a m discovered the nests by accident while surveying the ocean floor for chemicals



Jonah's icefish is part of the Channichthyidae family, also known as

on the surface and floor of the sea. Using a camera to observe the floor, they reached a point where icefish nests steadily appeared for hours of observation. This location, known as the Weddell Sea, contains

crocodile icefish.

approximately 60 million icefish nests in an area roughly 149 square miles in size.

This is significant because of the sheer number of nests present, but also the fact that most species of fish tend to nest in extremely small numbers. For example, most species only nest in the tens, and hundreds in the case of a select few, namely bluegills.

> The species of fish is called "Jonah's Icefish," and thev live solely in the Southern Ocean due their unique cold water adaptations.

unknown why the Weddell Sea is the chosen location of the icefish, but there is a strong likelihood that the large population has a massive impact on the health of the environment.

Science & Technology

What's in your Food?: Fruity Pebbles

By Lucas Pauley

Opinions Editor

Hitting the shelves in 1971, Fruity Pebbles soon made its way into the homes of Flintstones fans all over the country. The rainbow bowl of sugary pebbles led to raised eyebrows of parents almost immediately after the release.

The bright colors of the pebbles help separate Fruity Pebbles from the, normally cheaper, store brand versions of the cereals. One of the food dyes used to achieve the distinguished colors is Red 40.

Red 40 is one of the most popular food dyes in America but has been known to have ill side effects on children. Some have linked the Red 40 color additive to allergies, migraines and even mental disorders.

These effects are most prominent among

children aged two to five, and adults are unlikely to suffer from these issues. It should be noted that susceptible to the ill effects of most

> Red 40 are among those most likely to watch cartoons, thus the target of marketing for the cereal.

Another chemical used in Fruity Pebbles that should make you think twice before digging in is butylated hydroxyanisole (BHA).

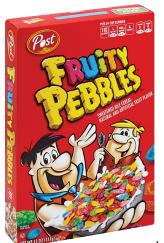
BHA has led to cancer in rodents such as hamsters, mice and rats. The Japanese Journal of Cancer Research has stated BHA is "reasonably anticipated to be a carcinogen." Japan has

banned BHA from foods, as well as Canada, Australia and parts of Europe.

> Fruity Pebbles are also notable for the amount of sugar used. A serving of the cereal has 11 to 12 grams of sugar. Eating a bowl of Fruity Pebbles for breakfast is equivalent to eating nearly five Hershey kisses.

Fruity Pebbles are not only high in sugar but also high in carbs. A serving of Fruity Pebbles contains a remarkable 23 grams of carbs.

Despite a loyal fan base, a bowl of Fruity Pebbles can be seen as nothing more than a bowl of sugar, rice flakes, food coloring and harmful chemicals.



Researchers develop microscopic camera

"We're living in exciting times. We

are seeing all kinds of cool tech that can

completely change the way we originally

thought of building things."

By Jeongho Koh

Science & Technology Co-Editor

Felix Heide, a computer scientist from Princeton University, and his team of researchers have created a functioning camera the size of a grain of salt. While

this team of researchers are not the first to attempt task, they are first to succeed in producing a non-blurry high quality

image with their camera.

Heide took a "radically different approach" in creating the microscopic camera. Instead of sensors, Heide and his team experimented with the size of the camera lens. They manufactured the lens out of a material called metasurface, a thin man-made sheet material patterned with tiny structures.

"We're living in exciting times. We are seeing all kinds of cool tech that can completely change the way we originally thought of building things," co-leader of the project Ethan Tseng said.

However, there was still a challenge that the team came across. The metasurface required more than a million metal structures on it in order to produce a clear

> image, but the way they were arranged drastically changed the quality of the photo. To tackle problem. this Heide's team developed an A.I. program that

simulates different positionings of the tiny structures to see which arrangement produced the best quality image.

- Ethan Tseng

While the team is still hesitant to release it to the public, the benefits of the new innovation are plentiful: it can take pictures of the insides of a patient's body to help doctors diagnose a medical problem, attach it to a small insect to better observe their behavior, monitor a hostile environment and more.

Space telescope completes million-mile journey

The James Webb Space Telescope

By Kyla Stead World News Editor

Launched Dec. 25 of 2021, the James Webb Space Telescope landed

at a location known as L2 on Jan. 24, after traveling nearly million miles.

L2 is an area in space where the gravitational influences from the sun and Earth cancel each other out, resulting in the spacecraft to orbit an invisible

point as it would a solid body such as a planet. Here, Webb will stationkeep for up to 20 years, peering back further in time than ever before.

secrets.

Created as a general-purpose observatory, one ability of Webb's

is to detect exceedingly faint heat signatures as well as see through dust clouds cloaking very young stars. This will allow astronomers to look back to even the earliest formations

> of stars and galaxies from 13.7 billion years ago.

The first science images expected to come back about five months according Amber Straughn, the deputy project scientist. Gregory



Robinson, the Webb program director, predicts that the wait will be worth it once the images come back.

"So whatever those things are, certainly, my jaw will drop," he said.

Sports

Spotlight_ **Athlete Competition Cheer**



Daisey Carney, SENIOR "Daisey always brings a positive attitude to any situation. Her determination and work ethic will guarantee her success in anything she strives to achieve."

- Head coach Jen Marchetti

Competition cheer performs at Hershey

Head coach Jennifer Marchetti gets awarded medal for 20 years of coaching.

By Meaghan Hunt

Community News Editor

On Jan. 16, Delaware Valley hosted the 21st annual Tri-State Cheer Challenge. Head coach Jennifer Marchetti was honored at the event for her 20 years of coaching at Delaware Valley.

At the Tri-State Cheer challenge, 19 teams performed at the competition representing all-star gyms, recreation leagues, junior varsity and varsity teams.

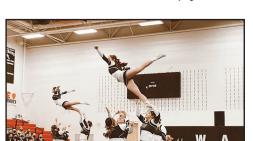
The cheerleaders of the class of 2002 came back to present coach Marchetti the award, which was emotional for her. Past cheerleaders also joined in with the class of 2002 in celebration of Marchetti's 20 years of coaching.

"It was very humbling that these

young women took time out of their busy lives to come back to DV for this competition. I cannot believe that I have

been coaching for 20 years," Marchetti said. "It's one of the best iobs in the world."

Friday 28, Jan. the varsity cheerleaders traveled Hershey, Pennsylvania, compete in the PIAA



Delaware Valley cheerleaders hosted a showcase for nearby teams on Jan. 16.

State Cheerleading Championship. They qualified for this competition when they placed second at the PIAA District

> Championship December.

As the competition cheer season comes to an end, the team and coaches would like to wish seniors Isabella Anderson, Daisey Carney, Kayla Jensen, Rachel Kowal Chelsea Rude the best of luck with all future endeavors.

Bengals, Rams prepare to Collegiate Update: face off in Super Bowl LVI

By Marisa Dambach News Editor

On Jan. 30, the Cincinnati Bengals and the Los Angeles Rams won the NFC and AFC Championships to play for the Lombardi trophy in Super Bowl LVI.

first The game of the day was the AFC Championship featuring the Kansas City Chiefs and the Bengals at Arrowhead Stadium. The Bengals won their first play-off game since 1990, before the first text was ever sent.

The Chiefs went into halftime with a 21-10 lead before the Bengals scored 11 unanswered points to tie the game. Both teams scored a field

goal to go into overtime where the Bengals came out victorious winning 27-24.

The NFC Championship game showcased the San Francisco 49ers and the Rams. Both times

these teams faced each other in the regular season, the 49ers came out victorious.

The 49ers had an early lead, leading the Rams 17-7 until the fourth quarter. The Rams came back to score 13 unanswered points, that was until quarterback Jimmy Garoppolo threw an interception closing out the game for the Rams who won 20-17.

The Rams and Bengals face off for Super Bowl LVI on Feb. 13 at 6:30 p.m.

Sierra Gillan

By Jeongho Koh

Science & Technology Co-Editor

Sierra Gillan, a graduate of 2021, is currently a part of the women's swim team at University of Tampa.

Continuing competitive swimming into a university required greater commitment than high school. The weekdays consist of two-hour afternoon swim practices. In addition, she also has practice or a weightlifting session in the mornings from 6:00-7:15 am. On Saturdays, she meets with her team to practice swimming from 8:00-10:00 a.m. On Sundays, Gillan receives a break after six consecutive days of hard work.

Despite intense practices, the effort Gillan puts into her athletics has benefits that make it

worthwhile for her.

"I get to be a part of an amazing team full of hard working people and continue to do what I love for four more years which not many people get to do. Also since I'm in Florida, we will sometimes do fun things like kayaking during practice,' Gillan said.

The beginning of Gillan's passion for swimming started very early. Her mother put Gillan in swim lessons when she was 4 and she has stuck with it ever since.

Overall, Gillan claims the experience of swimming at a division 2 university is valuable.

> "It has definitely taught me to manage my time well so that I do not get overwhelmed between trying to balance school, practices, and meets," Gillan said.

Sports

Girls wrestling team continues to succeed

By SOPHIA VASILE

Arts & Literature Co-Editor

Delaware Valley High School hosted the girls wrestling team's first home tournament against Honesdale Jan. 20.

Senior Kaelyn Balbirer won all four matches by pin. Junior Sarah Seltzer won her first three matches but lost her fourth match against the No. 2 wrestler in the state of Pennsylvania. Despite the loss, Seltzer came in second place.

Junior Alia Narvaez-Weiner came second in her bracket, and freshman Andrea Boronow won her first match ever, landing her third place in her

bracket.

MARIORS

Head coach Evan Bates coordinated



Junior Sarah Seltzer pins her opponent at the Easton match.

with Western Wayne and Honesdale to set up a home dual meet. This was the girls' first dual meet and only the second dual meet in the league. Seltzer and Balbrirer both pinned their opponents.

There were 22 girls who wrestled in the event. Due to their low numbers, they combined all three schools and divided them into a blue and a red team. The blue team won 38-33.

"It was a good learning experience especially for our girls with less experience. This will hopefully make it easier to have meets next year," coach Bates said.

Spotlight **Athletes Girls Wrestling**



Kaelyn Balbirer, SENIOR **'[She] has stepped up and** become a great leader this vear."

Head coach Evan Bates

Girls basketball defeats West Scranton 47-31

By NICOLE STEINBERG Entertainment Co-Editor

The girls basketball team beat West Scranton at home on Jan. 25 with a score of 47-31.

According to head coach Lindsay Duffy, "The senior class as a whole has really stepped up their game to bring our underclassmen along because a lot of the responsibility lies on their shoulders."

Senior Nikki Kalitsnik scored 12 points for the Warriors. Coach Duffy said

Kalitsnik had her best game of the season.

> She was cool, calm and relaxed whole game and shot perfect from the floor," coach Duffy said.

Another player in double-digits was senior Mackenzie Olsommer. With a total of 24 points, Olsommer made two threepointers, four three-throws and a variety of other shots.

Even though this game was only the second win for the team this season, coach Duffy

said the more the girls work on their fundamentals, the more they will take other teams by surprise, as they did with West Scranton.

After the win against West Scranton, Coach Duffy commented, "We need to continue to be disciplined on the offensive and defensive ends of the floor. We cannot just rely on one or two people. It has to be a cohesive unit and collective effort for us to move forward."

Coach Duffy believes that if the girls keep working hard and working together, they can win more games and be more consistent varsity player. She successful this year.

Girls Basketball



Avery Calvario, SOPHOMORE "I think Avery has done a great job transitioning from a JV player to a more has really stepped up her responsibilities."

Head Coach Lindsay Duffy

Warriors add two big wins to their record

By Mackenzie Olsommer

Sports Editor

The Warriors bumped their record to 5-9 after two big wins last week. On Jan. 24, the boys basketball team defeated West Scranton 69-58, and on Jan. 28, they defeated Western Wayne 65-60.

According to head coach Kris Holtzer, the team has been focusing on improving their defense and using that to keep them competitive.

The team pulled off an upset against West Scranton. Senior Ryan Doherty scored 30 points, and senior Noah Newton followed up with tough defense.



Mackenzie Olsommer/Del.Aware

Senior Ryan Doherty shoots a three point shot in the game against **Abington Heights.**

The game against Western Wayne was another important win for the Warriors. Junior Jake Brower scored 22 points, and Doherty had 20. Newton also contributed with 13 points. According to coach Holtzer, Newton has stepped up for the team this season.

"He is always guarding the opponent's best player on defense, and he is becoming more vocal," coach Holtzer said.

Coach Holtzer said that there are many younger players stepping up and playing their roles as well.

"Every game is different, and we have games." to play each game day by day," coach Holtzer said.

Boys Basketball



Ryan Doherty, SENIOR

He had 30 points against West [Scranton] and has really started to score for us in big

- Head coach Kris Holtzer

Sports

Boys wrestling continues with strong season

By AIDAN McBride Sports Co-Editor

The boys wrestling team continues with their successful season, and they currently have a 11-4 record. On Jan. 19, the team took on Wallenpaupack and Valley View, dominating in both matches. They defeated Wallenpaupack with a score of 58-15, and they beat Valley View with a score of 55-15.

Sophomores Aiden Black and Ryder Machado and juniors CJ Walton and AJ Dierksen all went 2-0 in their matches.

On Jan. 15 and 16, the team competed in the Escape the Rock tournament, a top five tournament in the country. According to head coach Lou DeLauro, Junior Zac Jacaruso had

an outstanding performance, taking down twelfth the and first ranked wrestler

country in his weight class.

The team competed in another tournament on Jan. 22 in Quakertown. They finished with a 4-1 record in dual meets with their only loss coming to Quakertown, a top ranked school in the

On Jan. 26, the team faced Abington Heights on senior night. The Warriors lost in a close match, 30-25. On Jan. 31, the team defeated West Scranton 48-20, and on Feb. 2, they defeated Hazleton 37-26.

"We have to take it one day at a time," coach DeLauro said. "We have to stay healthy and stay safe for ourselves."

Spotlight **Boys Wrestling**



Aiden Black, SOPHOMORE "We have put him against heavier opponents, and he just goes out there, does his job and doesn't complain. " - Head coach Lou DeLauro



Sierra Hartmann, SENIOR "I have been proud of her leadership and recent performances in the pool." **Head coach Chelsea Shatt**

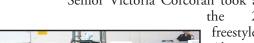
Girls swim beats Cougars for third straight win won the race with a time of 1:58.21.

By Marisa Dambach

News Editor

On Jan. 4, the girls swimming and diving team beat Valley View with a score of 119-56 at home.

The 200-yard medley relay started off the meet. Seniors Sierra Hartmann, Alexis Ristaino, Kaitlyn O'Connell and sophomore Anaya Ruiz





Senior Alexis Ristaino swam the breaststroke in the 200 individual medley.

Senior Victoria Corcoran took a win in 200-yard

freestyle, and Alexis Ristaino added her second win of the night in 200-yard the individual medley with time 2:25.79.

The team had three divers competing in the diving portion. Junior Victoria Willson took first place adding points to the total.

The second half of the meet included Hartmann getting her second win of the night in the 100-yard butterfly with a time of 1:05.70. The 200 freestyle relay consisted of Ristaino, junior Maggie Holderith, Corcoran and senior Lily Fuchs and was won with a time of 1:53.21.

"The girls are working hard and doing well. They are setting themselves up for big victories in the future," head coach Chelsea Shatt said.

Boys swim, dive celebrate on senior night

By Sophia Perrin

Science & Technology Editor

The boys swim and dive team won on their senior night on Feb. 2, against Scranton High School with a score of 129-50.

The medley relay was won with a time of 1:52.70, swam by senior Bobby Holderith, juniors Eddie Nieves, Keith Sublett and Jake Manning.

Winners in the individual categories include Holderith for the 200 freestyle with a time of 2:00:80 and the 100 freestyle with a time of 52.76 and Nieves for the 100 breaststroke with a time of

Lockwood for the 100 back with a time of 1:14.08, freshman Tyler Ingraham for the 200 IM with a time of 2:27.84 and freshman Liam Fass for the 500 freestyle with a time of 5:58.21.

senior Zac Madewell butterfly. with a score of 187.00.

The 200 freestyle



The boys diving Junior Keith Sublett competes event was won by in the in event 12, the 100-yard

relay was swam by Manning, Nieves, junior Other winners include junior John Dan Matyushin and sophomore Matthew

> O'Connell with a winning time of 1:40.89.

The event was the 400 freestyle relay won Holderith, by O'Connell, Fass and Ingraham.

School at 4:30 meets." p.m. on Feb. 8.

Boys Diving



Zac Madewell, SENIOR The Warriors "He has taken his leadership will compete at role seriously and is on track Elk Lake High to do well in the upcoming

Head coach Chelsea Shatt