The Griffins' Nest

INFORMATIVE • IMPARTIAL • INDEPENDENT

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RUSSIA INVADES UKRAINE



NEWS REPORT by Ruby Ellerman (9)

What began as 190,000 Russian soldiers lining Ukraine's border has quickly materialized into a full-blown invasion.

On February 24, Vladimir Putin, the President of the Russian Federation, announced "a special military operation," widely seen by international observers as an assault on Ukraine and its sovereignty.

Analysts say that after years of tension between Russia, Ukraine, and NATO, the situation is of disastrous proportions, sparking "the greatest threat to security in Europe since World War II," according to US Secretary of State Anthony Blinken.

Starting with Ukraine's independence in August 1991 after the collapse of the Soviet Union, leading to Ukraine's recent consideration to join NATO, Putin's hunger to reclaim Russia's influence over Ukraine and other countries has progressed day by day, reports *The Guardian*.

Analysts say the invasion was primarily a result of Ukraine's push to join NATO. NATO, short for North Atlantic Treaty Organisation, is a group of countries that formed an alliance after World War II, based on the premise of collective security. The alliance now consists of 30 countries, including Canada, the US, the UK, and Germany. The agreement is set up so that in the event one NATO country is attacked, the others will come to its aid. According to Al Jazeera, Russia feels vulnerable having NATO countries right up against its border.

As reported by *The Guardian*, Russia was, before it invaded Ukraine, attempting to use its troops as a bargaining chip. While Putin denied any plan to attack, as admitting this would spark more conflict, he attempted using his position as leverage over the country.

Experts say Putin was likely trying to force Ukrainian President Volodymyr Zelenskyy to give Russia a say in Ukraine's potential NATO membership, by putting pressure on its borders. Russia also appears interested in proving that it is still a superpower, trying to re-establish its former status from the previous century.

Although the present Russian Federation and the Soviet Union are two distinct states, Russia has strong national ties to the power and history of the former USSR. According to Vox, Ukraine, and particular-

ly Crimea, was of great importance to the Soviet Union before its independence. Its location along the Black Sea provided trade and resources, boosting the economy. Putin sees Russia's loss of Ukraine in the Cold War as a symbol of its loss. Therefore, if Ukraine bends to Russia's demands to pull back from NATO influence, this would prove to the West that Russia has more control

Additionally, some experts speculate that Russia is taking advantage of the US's post-Afghanistan withdrawal position to strike now. Due to US President Biden's campaign promise to end the "forever wars" in Afghanistan and the Middle East, Russia may have believed the US would be unwilling to engage militarily in a foreign state following its defeat last year.

According to *The Guardian*, Putin's demands included NATO backing off from supporting Ukraine, as well as never accepting it as a member. He also asked Ukraine to remove its territorial claim over Crimea. Additionally, Putin wanted to prevent the moving of new US medium-range missiles into eastern and southern Europe. However, no country has yet to approve of any of Putin's terms — precisely what fueled the current conflict.

On February 21, Russia recognized the Donetsk and Luhansk People's Republics, two separatist-controlled territories in east Ukraine, as independent. While many Russian-speaking Ukrainians live there, according to international law they are still part of Ukraine. Russia also sent troops into the regions in what they described as a "peacekeeping" force, a statement strongly rejected by the international community.

As well, Putin's ominous threat on February 24, after the start of the invasion, still hangs in the air: "Whoever tries to interfere with us, and even more so, to create threats for our country, for our people should know that Russia's response will be immediate and will lead you to such consequences that you have never experienced in your history."

However, Zelenskyy declared on February 25, "Ukraine has been and remains ready to talk about ceasefire and peace," and has repeatedly said Ukraine intends to defend its sovereignty. Whether Putin will

agree to discuss pulling back is unlikely but remains to be seen, report news organizations worldwide. Talks between Ukraine and Russia initiated at the Belarussian border on February 28 appear inclusive as of publication.

Russia's aggression has drawn swift international condemnation. "The Russian attack on Ukraine is a blatant violation of international law," stated the Chancellor of Germany, Olaf Scholz. "There is no justification for it." Prime Minister Justin Trudeau said, and emphasized Canada's support for Ukraine. "Canada calls on Russia to immediately cease all hostile and provocative actions against Ukraine and withdraw all military and proxy forces from the country," tweeted Trudeau the day before the invasion began.

Due to the increased security risk more than a dozen NATO countries have ordered their citizens to leave Ukraine, reports the *BBC*. These include the US, UK, and Germany. Canada too has asked for "all Canadians in Ukraine to make the necessary arrangements to leave the country now"

The Government of Canada stated Canada "has been steadfast in [its] commitment to Ukraine's sovereignty, territorial integrity, and independence," and enacted strict sanctions.

As of publication, Russia's invasion is approaching Kharkiv, Ukraine's second-largest city, as well as outward from the Donetsk and Luhansk regions and straight toward Ukraine's capital, Kyiv, from the border surrounding Chernihiv.

Putin's justification of the invasion lies in his 'Nazi' narrative, in which he started in a speech his goal was "the demilitarization and denazification of" Ukraine. According to *NBC*, Putin has long attempted to paint Kyiv as a Nazi supportive, antisemitic society with no proof for his claims. Ukraine's Jewish president responded to Putin's speech by asking, "How can I be a Nazi?" after having lost three family members in the Holocaust.

Russia has run into significant resistance from the Ukrainian military and civilian militia, and experts say previous analyses overestimated the strength of Russian forces and underestimated the strength of

Ukrainian forces.

Around the world and even in Russia rallies have been taking place, beginning only hours after the start of the invasion. In St. Petersburg, Russia, a young crowd shouted "No to war!" and "Ukraine is not our enemy!" as they marched along St. Petersburg's main street. Over two thousand Russians have been arrested protesting their President's invasion of Ukraine. "I have no words, it's just disgusting," said a young woman at the rally.

On February 26, Vancouverites participated in the "Stand with Ukraine against Russian Invasion" rally, along with citizens in many other major cities around the world during the past weeks.

Recently NATO has activated their response force for the first time in reply to the invasion, reports *CNN*. As well, the European Union and allies have decided to remove Russia from SWIFT, the primary international payment system.

Germany has decided that "a complete field hospital will be handed over, including the necessary training, all co-financed by Germany to the tune of 5.3 million Euros (CAD \$7.5M)" for Ukraine, said German Defence Minister Christine Lambrecht. German Chancellor Olaf Scholz also announced last Sunday that Germany would more than double their defense budget to 100 billion euros, being what experts have called the largest shift in post-WWII German military policy.

Many countries have been sending weapons to Ukraine, while subnational jurisdictions like Quebec and BC have removed Russian alcohol from government liquor stores, in addition to national and international sanctions. It is clear that many countries are in support of Ukraine, experts say. In response, however, Putin has put Russia's nuclear weapons on high alert.

As of March 1, there were at least 5,710 people either killed or wounded during the conflict, with the United Nations High Commissioner for Refugees stating that there have been at least 660,000 refugees fleeing Ukraine. A US official stated that the Biden administration's information "indicates that Russia plans to threaten [to kill] the family members of Ukrainian soldiers if they do not surrender."

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BC's New COVID Strategy: Treat It Like the Flu NEWS REPORT by Julia Ling (11)

First reported by the World Health Organization in late November of 2021, the Omicron variant of COVID-19 is now the dominant strain in BC. Omicron has been seen by experts as milder, and as a result it is more difficult to tell if minor symptoms are COVID-19 or the common cold.

As the line grew more blurred, demand for polymerase chain reaction (PCR)

tests outstripped BC's supply, and testing was reserved for at-risk groups and people with moderate to serious symptoms. The result: individual cases are currently not being counted. Instead, hospitalizations and death counts are used to monitor the spread.

In response to Omicron's mildness and the province's high overall vaccination

rates — 93.2 per cent of eligible people 12 and older in BC have received their first dose as of February 18, 2022 — BC has changed many of its guidelines and restrictions regarding COVID-19. As of early February, the public health orders limited personal gatherings to yours and another household, or ten guests, all vaccinated. Indoor organized gatherings were strictly prohibited, and indoor venues such as movie theatres were reduced to 50 per cent capacity.

Beginning February 17, restrictions were eased. Now, personal gatherings do not have limits on guests. Indoor organized gatherings, gyms, and seated venues are at full capacity. It is to be noted that

despite these changes, masks are still required everywhere indoors, and proof of vaccination is needed to enter. Restrictions, barring masks and vaccine passports, are functionally over.

Provincial Health Officer Bonnie Henry anticipates school COVID-19 guidelines to change "sooner than later," also citing concern about vaccination rates in children aged 5 to 11. As of February 15, only 55 per cent of eligible children had received one dose. To increase vaccination speed, Henry is considering targeted clinics for younger children, and encourages parent-physician communication on the safety and efficacy of the vaccine for children.

Beyond

Football

Spencer Izen (12)

nearly 12 years ago.

school sports.

of secondary sports.

"surreal" experience.

NEWS REPORT by

toon, was surprised to learn after mov-

ing West that the sport he loved didn't

have much of a place on the fields of

Vancouver's public secondary schools.

After landing a full-time position with

Eric Hamber's Physical Education De-

partment, Gibson set out to change that.

school and into a PE department, I want

to try and make [football] happen," Gib-

son told The Province a dozen years ago

back when the program was just getting

started. Famed BC sports reporter How-

ard Tsumara, who interviewed Gibson

for The Province, described the initia-

tion of Hamber's Griffins football team

as "biggest start-up project in all of high

Griffins transformed from a junior var-

sity start-up to a Tier II BC Champion-

ship-winning, letter-of-intent-signing,

university-recognized name in the world

In the latter half of the 2010s, the

"I said to myself, once I get into a



2022's RECRUITED ATHLETES

NEWS REPORT by Adelaide Guan (9)

As Hamber's class of 2022's high school years come to a close, doors to new opportunities are opening. For several Hamberites, these opportunities are taking the form of university athletics. Who are these committed athletes, and what did it take to get to where they

Hamber students have committed to universities for a variety of athletic disciplines. Nina Louis (12) has signed with UBC Okanagan's varsity women's soccer team. Hazara Sandhu (12) plans to play field hockey with York University. Jessica Ng (12) has committed to UBC for golf. What these three athletes share is their experience, determination, and love for their respective sports.

"It's been a few years now where I've been eager to play with a university soccer team," said Louis. "I'm so excited that this dream has actually come true."

Louis has played soccer since she was four years old. She currently plays in the selects A division of the MWSL, British Columbia's women's soccer league. Playing against women twice her age that have a lot of experience can be tough, but Louis thinks it's a good challenge, "I know it's great preparation for when I eventually go to play at the university level," she remarked.

Sandhu began playing field hockey in first grade. It was her uncle, a former national team player, who introduced her to the sport and inspired her from the beginning. She began to want to pursue university field hockey in grade nine. "This is something I really love and I could really see myself playing in university and further into life," she said. Sandhu is a co-captain of Hamber's girls' field hockey team and a player for the Polar Bears Field Hockey Club. She

is also involved with Field Hockey BC.

Ng first started playing golf for fun when she was five. At 12 years old, she began to play more competitively. That was when Ng first started thinking about playing in university, and since then it's been her aspiration. Because golf is an individual sport. Ng doesn't play for a club. "I just go out to a course that's close to my home and practice

As a multi-sport athlete, Sandhu had to make sacrifices to get to where she is. Growing up, she had a variety of interests, including soccer, basketball, and dance. "A lot of different activities that I loved I had to give up," said Sandhu. "Training at a high level is very demand-

Louis and Ng both say that they have no regrets, although the athletes had to make sacrifices. "I have zero time

GOAT SOAP

for a part-time job," laughed Louis. The soccer player was still able to make time in her schedule for clubs and school sports. Though Ng had to skip out on some studying and time with friends, she regrets nothing. "It's gotten me to where I am today and it's given me opportunities I'm really thankful for," she

Because Sandhu began taking field hockey seriously later than other players, she had some catching up to do. "I had to push myself by creating my own schedule to make sure I set aside time. to go out to the field and practice," she revealed. Sandhu would train privately with her uncle, focussing on her physicality and skill

Ng's main obstacle was her mental-". "I think golf is such a mental sport and to be able to develop that skill has been really hard for me," explained Ng. To overcome this, she's been focussing on developing a more positive mindset.

Louis, along with other athletes, had to face the recruiting process at the peak of Covid-19. Because of restrictions, she wasn't able to visit many campuses, there were limited identification camps, and her club games were cancelled. These components can be crucial for universities to recruit new players "To overcome these challenges I took advantage of what was available for players," Louis said. She participated in identification camps whenever possible, and played her hardest in games to obtain clips for highlight reels. Louis also attended multiple virtual seminars held by university teams to get insight into their programs.

For now, all three athletes' futures in their sports are unclear. Most do plan to continue playing; whether profession-

"I definitely would take the opportunity to play professionally because field hockey is something I love a lot," said Sandhu. The field hockey player thinks not continuing with the sport after university would be an upset for her.

"I just hope I'm successful during my university soccer years," said Louis If the opportunity to play professionally came up, she thinks she would likely take it. "Otherwise, I think it would be fun to just continue playing on a high-level women's team after universitv." she decided.

Ng currently doesn't plan on playing professionally, but wouldn't cross it off her list. "I wouldn't completely disregard playing professionally," she disclosed.

Hamber's committed athletes have years of experience with their respective sports. With this experience comes lessons learned and advice for younger student-athletes.

"Definitely don't be afraid to take risks," Sandhu says. She thinks she was hesitant to get into such a high level of field hockey and to get the necessary exposure to be recruited for university teams. Sandhu feels that she missed many opportunities, especially when COVID-19 hit. "If you want to do something, I think you can 100% do it, as long as you work hard. Put yourself out there." she would like to advise younger

"Start reaching out to schools and coaches that you're interested in early," Louis says. She thinks it's important to make a strong and lasting impression and to show coaches what sets you apart from other athletes. "You can brag a little bit about yourself - like you would in a job interview!"

Ng's advice to younger athletes is to really enjoy the process. "I know people say time flies by fast, but it really does," she said. Love what you're doing, and take advantage of the time you have.

How Mask Modifications Impact Efficacy

ANALYSIS by Mathew Fu (11) and Alanna Rudolph (11)

With the continued pandemic safety protocols, masks and their various modifications have become commonplace in society. A recent study published in the American Journal of Infection Control looked into the efficacy of different masks against COVID-19.

The most effective modification for improving source control is double masking or using a mask brace. Other effective modifications include knotting and tucking the mask, using earloop toggles, or using an ear loop strap. Ineffective modifications include crossing the earloops or placing a bracket underneath

the mask. The study tested the effectiveness of masks as source control, which differs from personal protective equipment ("PPE"). Source control prevents the wearer from transmitting aerosols to others, while PPE protects the wearer from exposure. Both cloth and medical masks are for source control, as they are ineffecive at providing respiratory protection In other words, wearing a mask protects

The masks used in the study included medical masks and cloth masks of various materials and ply. Double masking was defined as wearing a 3-ply cloth mask over a medical mask. Knotting and tucking was defined as knotting the earloops and tucking the mask loops under the knotted loop. Earloop toggles or adjustable straps were effective when they resulted in increased tension. All masks and other modification devices were pur-

those around you, but not yourself.



chased online.

The particle collection efficiency was measured for two different brands of medical masks. Without modification, the collection efficiency was 56 per cent and 63 per cent respectively for coughing and 42 per cent and 55 per cent respectively for exhalation

When double masking, the collection efficiencies were 85 per cent and 92 per cent when coughing and 92 per cent and 91 per cent when exhaling. With a mask brace overtop, average collection efficiencies were 95 per cent and 99 per cent for coughs and exhalation respec-

For cloth masks, efficacy increased with increased ply. The collection efficiency for unmodified masks was 42 per cent for the 2-ply mask, 51 per cent for the 3-ply mask, and 71 per cent for the 4-ply, all for coughs.

The study was conducted with a simulator that expelled a test aerosol, confluorescein aerosol solution, as a source and a breathing simulator six feet away as a recipient. A mask with or without a modification was placed on the source. Then, a particle counter measured the concentration of aerosols at the recipient

With the continued prevalence of COVID-19 cases, these methods for scientific evidence on the matter of mask efficacy and the effectiveness of various modifications become increasingly sig-







The GOATs of Ennovate: How Hamber's Award-Winning GOAT Soap Came to Life

NEWS REPORT by Katja Radovic-Jonsson (10)

Over the past few months, GOAT Soap has become a brand that many Hamberites have come to know and love. By selling a variety of organic goatmilk-based soaps over the holidays, the company has become incredibly successful within and outside our school community, selling 176 bars of soap over two months. Additionally, the Grade 11 and 12 students behind the initiative recently won first place in the UBC Ennovate business competition. But although the brand has become wildly popular, not much is known about its journey to success. How did GOAT soap come to

Every year, an organization called Enactus UBC hosts a business competition for BC high school students. The first six weeks of the program allows participants to attend workshops about advertising, marketing, presentation, and financing. It then allows participants to create a product to sell that relates to a yearly theme. This year, the theme was

Selling soap wasn't the team's first idea. "We initially wanted to sell candles, but because of the pandemic, [we decided to sell soap to promote hand hygiene," says team member Justin Siu (11). In regards to their choice of using goat milk, Ryan Hsu (11) explains that it was "mainly about differentiating positive way, but when we actually won, were equally as rewarding."

our brand different from the others."

Once an idea was established and a a three-month selling period to put their product into action. While the full recipe for the soap is a secret, it was based on a heavily modified to fit our mission of being organic and sustainable," according to Hsu.

The selling process was not an easy one. "In the beginning, there was an influx of sales, and we found it difficult to manage our efforts efficiently with high labour and a low number of workers,' Jenny Lan (12) explains.

Despite the challenges they had to face, the GOAT Soap team prevailed. "We were able to establish a make-tostock production method instead of a make-to-order method, which streamlined our process," Lan says.

At the end of the selling period, the team made a pitch to Ennovate's panel of judges in a conference held online. Out

of 14 teams, four advanced to the finals. After pitching once more in the final round, the GOAT Soap team placed first in the competition. "We went in with the mindset that

ourselves from other companies ... we I didn't think it was real. It was a great thought it would be a cool way to make experience hearing the words that we had actually won," Hsu says.

While winning was certainly excitbrand was created, the team was given ing for the students, helping the community was even more impactful for them "Our brand is really focused on building a bond with each customer, and [it was pre-existing soap recipe which the team great to] see that Hamber students are supporting our product, and to see that connection and the positive reviews,' Andrew Chung (12) explains. This emphasis on community support extended beyond the school community as well, with 100 per cent of the company's profits going to the BC SPCA.

With the Ennovate competition now over, GOAT Soap Hamber has reached the end of its journey. However, for the students behind the company, this may only be the beginning of their entrepre neurship journey. According to Hsu, much of the team will likely use the experience they had to participate in future competitions, or even start their own companies someday.

For Lan, moving forward from the experience is difficult. Working on such a project with like-minded individuals is certainly one to be remembered. With that said, the thing she will remember most is that "as much as the result was we'd at least represent our school in a rewarding, the lessons they learned

"there's a lot of concern around football," which he understands. "I think that we take the head-injury topic a lot more seriously than a lot of other places. and a lot of other sports, but that's prob ably the single biggest thing that keeps people away. Parents will say 'nope, my kid's not allowed to play football." "I always find it interesting because

are always students who want to play,

[narents] will say [a student will have] had five concussions playing soccer, and I ask 'Are you still playing soccer?'," to which Gibson says the answer is usually yes, but football is still off the table for

"It's not about football. It's about helping people find their best potential," says Griffins Football Head Coach Mr. Bobby Gibson, reflecting back on the district-unique program he founded Gibson, who had grown up in Saska-

only challenge the program has faced.

rogram pre-COVID.

Ishaan Gaur, who graduated in 2021, played for the Griffins throughout his high school career, and said the program "played a large role in [his] growth as a student-athlete and person." Gaur, who has continued to play football for Simon Fraser University, shared his favourite memory of the program "winning a championship in 2017 while

playing in BC place," adding that it was a Playing 10 seasons, the COVID-19 Pandemic's onset in early 2020 brought the team to a halt, and they haven't been able to get back on the field since. During the fall, Gibson ran a three-days a week informal football program with a few students. "It was actually pretty remarkable that they knew that they would probably never actually get to go to another school to play or practice or anytime," Gibson shared in admiration, adding that the tight group of four was

"out regularly" for eight weeks. Joshua Klimek (12), one of the four students who trained this past fall, told The Nest "the program was a great opportunity to meet new people, improve my overall athletic ability, and discipline

Throughout the Griffins 12 years, lenges, both on and off the field. "The single biggest challenge that

we have had and continue to have is people playing," Gibson said.

2022's Most

Anticipated

Willow Peterson (8)

Release Date: February 11, 2022

Based on Agatha Christie's novel

A vacation aboard a luxury river

steamer abruptly halts when a mur-

Movies

Death on the Nile

Death on the Nile

Genre: Mystery, thriller

Gibson explained that while there

suspicion, and suspense arise from all the guests on the steamer because they all know that one of them is the nese-Canadian animator

Uncharted Genre: Action, adventure Release Date: February 18, 2022 **NEWS REPORT** by

Based on Naughty Dog's' popular video game of the same name This is an action-packed movie that

takes place all across the world. It involves two people going on a dan gerous adventure in search of 'the greatest treasure never found'. Along the way, one of the main characters discovers clues leading up to where his long lost brother is.

Turning Red der is discovered. A couple's honeymoon is tragically cut short. Terror, Genre: Comedy, fantasy

"[Our] biggest challenge is 100 per cent getting kids out to play," Gibson reiterated, and added that although he gets around 5 to 10 emails a year from parents and students outside Hamber's catchment asking if they can transfer to play for the Griffins, they aren't able to admit students due to the District's cross-boundary application restrictions. Gibson says that an exemption or alternation to cross-boundary policy would help the program.

However, finding players isn't the

"Funding has been difficult at times," Gibson expressed, saying that both Hamber's PAC and Athletics Department have stepped up in times of need and been supportive. The program is financially independent from the school, as the Athletic Department doesn't get enough funding to support a football team, Gibson explained. And between players, managers, coaches, and other staff with the team. Gibson says around 50 students were involved in the

"It costs a lot of money to run a program and way more now than [when we started]. It used to [cost] \$300 for a bus and \$150 for a helmet, now busses are \$700 and helmets are \$800. But every step along the way, we've [gotten] lucky. There have been people that have come to coach, and they [had] a connection, and we needed new jerseys, and they talk to somebody, and they got us jer-

Gibson said in previous years, whenever the program faced financial hurdles, they simply persevered and made it work. "My attitude all along is that 'you know what, it's gonna work out, if we plug away it'll happen,' and up until last season it carried us through."

With that said, Gibson notes that Hamber's wide variety of curricular and extracurricular activities make the football program one of many offering students must choose from and that while other schools may have football as the one and only robust program, he appreciates the diversity and wouldn't change that, even if it gathered more players.

"We run soccer, we run volleyball, we run cross country, we run so many things, and I would never want to see us take anything away just to try and get a couple of extra players," Gibson said. "Some of those things that could help [increase participation], I wouldn't even want them to happen anyway."

Gibson is hopeful that the team will be able to return to games in the fall of the 2022/2023 school year, but says at the end of the day, his goal for every player is that "when they come through our program, they learn a lot about themselves and that when they leave, they are ready to be the best pos sible version themselves. And if we win a football game or two along the way, that's great.

CLUBS UPDATE

NEWS REPORT by Olivia Gowans Hoar (8) and Cara Rudolph (8)

Over the past few years, many changes have come to the clubs at Hamber as they adapted to COVID and the new semester system. While some clubs are fully operational, some changed their structures entirely. The Griffins' Nest reached out to clubs to provide updates on how they are run-

Math Club

Jenny Li (12), one of the leaders of Math Club, expressed that 2022 especially affected the annual "Math Challengers" competition.

"The competition, it's usually held person at UBC or SFU, but now, we have to host it at our own school, so we have to figure out a time for everyone to do the competition, that works out for everyone, and get teachers to invigilate," shared Li.

Some students have contacted her over the extended Winter Break to say they don't want to participate in the competition due to COVID concerns. "The three weeks of no meetings was hard on us because it [should've] be our peak preparation period where we meet a bunch of times a week and prepare for the contest," Li said.

In addition to helping students prepare for math contests, Math Club also offers math help to students. With around 17 coaches, they are dedicated to helping all students better understand any math concept.

Bullet Journal Club

Bullet Journal Club allows students to get together and learn how to organize their life using bullet journals, which are customizable planners that vou can tailor to your own needs.

The switch from the quarter system to the semester system was a major adjustment for their club.

"With the quarter system, we had to meet outside of school hours and students would have to dedicate time out of their schedule to attend meetings," said co-club head Allison Lee (10), "Now, with lunchtime at school, our club is less intimate because students tend to just drop in whenever they feel

Recently, Bullet Journal Club has experienced a decrease in attendance.

"I think some people might have forgotten that our club exists after the January postponement, but honestwe're okay with that!" Lee shared. Our club is very low-commitment; we encourage people to come only if they

If restrictions comply, the club is hoping to take its members on out-ofschool trips to bond and find the best bullet journal supplies.

"Last school year, Craft Club entirely disbanded. Now that we're back, more people than ever have joined. so club meetings have required more planning, preparation, and a larger Yu (11).

combined with COVID restrictions, has opportunities and resources as we can necessitated a new system of meeting sign-ups. Only a limited number of peo-

The increase in club members.

Release Date: March 11, 2022

Based on the life of Domee Shi, a Chi-

In this Pixar Animated family film,

a 13-year-old Chinese Canadian girl

is the daughter of a strict mom. She

while having to experience all the

drama at her school. To add to her

chaotic life, she morphs into a giant

Genre: Science fiction, thriller, action,

A man tries to cure his rare blood

disease. He experiments with an an-

Release Date: April 1, 2022

Rased on a Marvel comic

Morbius

ing. For non-attending club members, there are many social media sites to check for updates, including a Spotify

Craft Club will be collaborating with Crochet Club for a crocheting session in early March.

Literature Club

Literature Club is a club for people to come together and discuss literature-related media. "We actually started our club dur-

ing the pandemic. Last year, it was purely online," Lily Kong-Waller (11), co-club head explained, "We would hold online meetings over Teams after school, which I personally hated. It felt a lot like a podcast."

During the postponement of clubs in January, Lit Club was not able to meet like other clubs, and knew from past experience that online meetings didn't work.

The semester system has had a sitive influence on club membership. "During the quarter system, we

had a very small number of members, and that's increased a lot this year.' shared co-club head Alanna Rudolph "We noticed on Clubs Day, we had

this huge amount of people signing up,

and we think it's mostly because people

want to go to clubs again, because we

missed them all last year," Kong-Waller postulated Literature Club continues to meet in person, discussing new, interesting

topics every meeting.

Debate Club Debate Club is a space where students learn debate formats and debating skills such as critical thinking. public speaking and persuasive writing. The club often hosts practice debates at school and even competes in outside of

school tournaments "One of the major effects of COVID is that we can no longer attend in-person tournaments, and are restricted to only online tournaments," said club president Dean Rohman (12), "Online tournaments don't have the same energy and atmosphere [of] in-person tournaments, but [we're] glad [we're] able to compete and participate."

Pre-club postponement, Debate Club was preparing for the Regionals Tournament. They held informal meetings safely distanced outside in the courtyard.

Meetings typically took up to two hours to cover pertinent, debate-relat-

Debate Club previously held meetings during FIT. With FIT, they were restricted to only 50 minutes, which was not enough for all they needed to cover. With the club restrictions lifted,

Debate Club is looking forward to participating in more competitions. "We are attending more tournaments this year than last year, which is always a good sign!" Rohman shared eager to learn, and the other executives ations.

and I are trying to give them as many

to help them achieve their goals." Debate Club recently held their

ple can be accommodated each meet- first after-school meeting since Decem-

Ski and Snowboard Club

Ski and Snowboard Club allows students to participate in an entire day of instructed skiing or snowboarding.

"We go up to Whistler Blackcomb for four sessions, generally in the new year although we often have a session that'll allow students to go up in December," club sponsor Mr. Albrecht

Because of apparent fuel shortages, the first session in December had to be postponed.

"All [four trips] have been postponed indefinitely. In other words, they are, at least at this point, cancelled, said Albrecht.

"There is a possibility that we can go for the last two trips, but it's hard to say just how likely that will be," said Albrecht, "We have to arrange buses, we have to arrange a mountain, supervision, and we also have to have an agree ment from the school board to allow us

Since none of that has been prepared, the trips are on hold for now.

Mr. Albrecht also expressed hi hope to be able to attend the trips again in the future, because the students and teachers understood the value of get ting four entire days of skiing or snow boarding with the help of an instructor

Hand in Hand

Hand in Hand is a club centered around elementary school mentorship

"Our goal is to prepare elementary students for high school. To do that we have a pen palling program, which we do with two of Hamber's feeder elementary Simon Fraser and General Wolfe," explained Judy Li (12), one of

the club's executives, explained. As the club was started during COVID, many of its initiatives were organized to follow last year's stricter guidelines. "I think COVID in general increased people's interest because it was a non-contact club; you could just write the letters from home and you

wouldn't have to go to a club meeting. To ensure consistent letter delivery, Hand in Hand created schedules for the high school students and the elementary pen students to follow. The January club postponement interfered

with their planning. "We had to basically push back our entire pen pal schedule. We have pen palling for Simon Fraser, General Wolfe, and senior pen palling with some seniors from a local program, and that's in English and Chinese. We had to cut off one of the letters for each of the pro-

grams," Li explained At the end of last year, Hand in Hand is planning to hold an in-person meeting with the elementary schoolers and their pen pals.

While the January club postpone ment was a setback for many of Hamber's clubs, most are bouncing back

For now, Hamber is happy to see the re-opening of many clubs, and the revival of Hamber's well-loved club

wizard, is a menace to the wizarding

world after taking actions to take con-

trol of it. Dumbledore can't overrule

Grindelwald alone so he rounds up

multiple other wizards and witches to

with a form of vampirism instead. Sonic the Hedgehog 2

Genre: Action, comedy, adventure

Release Date: April 8, 2022 Sonic wants to show that he is a true struggles to be obedient to her mom hero. He teams up with his new partner Knuckles along with Sonic's other sidekick, Tails. Together they search for a mystical emerald, that has the red panda everytime she feels strong power to dispatch civilians, before it ends up in the wrong hands.

> Fantastic Beasts: The Secrets of Dumbledore

Genre: Fantasy, adventure Release Date: April 15, 2022 Based on the Harry Potter series by J. K. Rowling Professor Albus Dumbledore knows

tidote but accidentally infects himself that Gellert Grindelwald, a powerful

help him fight the threatening wizard. Along the way, they discover an army of beasts to aid them in their brawl against Grindelwald. Doctor Strange in the Multiverse

of Madness Genre: Adventure, fantasy, horror

Release Date: May 6, 2022 Based on Marvel's comics Doctor Strange accidentally casts a

spell that opens up a dangerous portal to the multiverse. But soon after a threat emerges from the portal and Doctor Strange isn't sure if he and his team are strong enough to defeat it.

♣ PLEASE RECYCLE PLEASE RECYCLE 🛟

VANCOUVER AND THE PROVINCE

FALCON WINS BC LIBERAL LEADERSHIP RACE

NEWS REPORT by Parker Haga (12)



On February 6, 2022, former Deputy Premier Kevin Falcon was elected as the new leader of the BC Liberal Party, winning over 52 per cent of the vote. His nearest competitor was Ellis Ross, who finished with approximately 24 percent of the vote. Michael Lee came in third with 14 per cent, followed by Val Litwin, Gavin Dew, Renee Merrifield and Stan Sipos, who were all dropped after four

Prior to the election, Falcon was a cabinet minister under former Premier Christy Clark. He served as the province's Minister of Finance and as the 12th Deputy Premier of British Columbia. In 2011, Falcon lost to Clark in his bid for Liberal party leader. Then, in 2012. Falcon announced he was stepping back from politics to spend more time with his family and focus on his work with a Vancouver investment and property development firm. After the BC Liberal Party's 2020 election loss with the lowest seat count since 1991. Falcon announced he would run for Liberal Party leader once again.

Upon winning, Falcon prepared a speech that highlighted his priorities as the new leader of the BC Liberal Party. He spoke about his plan to diversify the party's candidate and membership base, address environmental issues, and address affordability. Falcon pledged to reconstruct the BC Liberal party to attract more voters

"I want to see British Columbians of all races, sexualities, genders, cultures, religions, and all economic backgrounds to know that they can join us as proud BC Liberals," Falcon said in his speech.

The BC Liberal party is separate from the federal Liberal party.

During the leadership race, the party gained over 20,000 members which raised concerns and led to ar internal audit.

Vikram Baiwa, a businessman and member of the BC Liberal Party, start ed a last-minute petition because he speculated that memberships were not properly audited and reasonable steps were not taken to ensure voter eligibility. He requested that the BC Supreme Court delay the release of the results for 15 days pending the audit conducted by the BC Liberals. However, Justice Heather MacNaughton denied Baywa's request because she believed it would be unfair to the other party members and his concerns did not have enough evidence in support.

With the leadership race over and Kevin Falcon taking over the provincial liberals, British Columbians should exquote Falcon, "I mean this sincerely, I would rather not win unless the party is prepared to be rock solid behind me in the change of direction I want to take



WET'SUWET'EN PIPELINE **ENCROACHMENT**

NEWS REPORT by Reya Khanna (9)

protesters on January 7, 2020, meaning

There have been many protests to

fight the pipeline's construction, such

as the protest at Coyote Camp. Abuse

The Coastal GasLink Pipeline is being built through the traditional lands of the Wet'suwet'en people in Northern BC. The controversial project is being protested by multiple Indigenous

The Coastal GasLink Pipeline (CGL), gained international awareness in 2020, though the announcement of its construction was declared October

LNG is a large industrial energy project for Liquefied Natural Gas and is the largest private sector investment in Canada's history. The Coastal GasLink Pipeline will span 670 kilometres from Dawson Creek to the LNG Canada facility in Kitimat.

As stated on the CGL website, 'Coastal GasLink will not be producing or exporting natural gas or LNG - our role is to ensure the safe transportation of natural gas. The approved Coastal GasLink route was determined by considering Indigenous, landowner and stakeholder input, the environment, archaeological and cultural values, land use compatibility, safety, constructabili-

land defenders, and protesters has occurred. In addition, infringement Hereditary Chiefs of Wet'suwet'en stated that no pipeline would be built on of land ownership, forcibly removing their land and asked the corporation to Indigenous Peoples from their own leave. The corporation obtained a court territory, and the exploitation of natural injunction against the Wet'suwet'en resources is occurring.

they must refrain from protesting on of the police, we're fearful of the governments, all of the threats that are CGL needs the consent of Heredhappening. Guess what we do? We put itary Chiefs to continue building the our kids right in our hearts and all the pipeline, which has not been granted. fears go away," Hereditary Chief Woos The United Nations Rights of Indigof the Gidimt'en clan, whose territory enous Peoples (UNDRIP) states that was swarmed in November 2021, told the rights of Indigenous peoples include free, prior and informed consent On November 18 and 19, 2021, the regarding projects that impact their RCMP entered Wet'suwet'en territory lands and livelihoods. The provincial and forcibly removed Wet'suwet'en

peoples from the Gidimit'en checkpoint government passed UNDRIP into law and Coyote camp. in November 2019. This means the Indigenous peoples have the right of A new hearing has been scheduled having informed consent on projects for March 15, 2022, for the CGL pipeline opposition members who were arregarding their land, such as the CGL rested in November 2021 for breaching

"In today's world we're fearful

a B.C. Supreme Court injunction. The pipeline is at over 60 per cent completion and continues to be protestfrom the RCMP to Indigenous peoples, ed.

ish Peoples while acting like one-way

glass with a unique visual appearance.

The building will have 10-storeys

and will be over 300,000 square feet.

It will feature over 80,000 square feet

of exhibition space, which is double

the size of the current art gallery. The

Chan Centre for the Visual Arts build-

ing will also include studios for out-of-

town artists and an Indigenous commu-

sign revisions having been made to be

million from other donors. The most re-

cent donation from the Audain Founda-



Rebuilding the Vancouver Art Gallery, a Decade Later

NEWS REPORT by Alexandra Chow (10)

Gallery ('VAG') staff voiced that the current gallery was too small and inadequate for exhibits. While land across from Larwill Park was set aside to have a new gallery be built on the lack of funding has prevented construction from starting. However, new funding has recently been secured, and the reality of having a larger, more functional VAG is quickly approaching.

The new art gallery will be located in the Chan Centre for the Visual Arts building, named in gratitude of the \$40 million donation from the Chan Family Foundation. It will be built on the parking lot across from Larwill Park, located at 668 Cambie Street in Downtown Vancouver. The three-acre plot of land was donated to the Vancouver Art

Over 10 years ago, Vancouver Art Gallery by the City of Vancouver. The current location of the VAG will be used for other cultural purposes that will be determined after the land is vacated.

The future Chan Centre for the Visual Arts building is being designed by the Swiss architectural firm Herzog & de Meuron. The input of local Coast Salish artists has also been collected to commemorate the unceded Indigenous land that the building will be situated on. The design has been revised twice since it was originally drafted in 2015—

The 2021 design is based on the Coast Salish worldview and represents "spiritual energy and protection," according to Coast Salish consultant Skwetsimeltxw Willard 'Buddy' Joseph. Wood and copper are being used be-

more economical, inflation has raised the cost to \$400 million. So far, \$240 million has been collected to build the new VAG. There has been \$40 million donated from the Chan Family Foundagovernment, \$100 million from the Audain Foundation, and an additional \$50

tion has "almost 100 per cent changed everything," according to VAG Director Anthony Kiendl. However, there is still \$160 million remaining for the Vancouver Art Gallery to raise. They hope to receive \$80 once in 2019 and most recently in 2021. million from government and commu-

> million from charitable donations. If the remaining \$160 million is secured soon, construction could start as | space, success in the stock market, and early as 2023, allowing the new Vancou-

VANCOUVER-**BORN ARITZIA EXPLODES INTO GLOBAL SUCCESS**

NEWS REPORT by Sara Maya Budhiraja (9)



Whether it's a pair of TNA leggings, a Babaton sweater or the iconic SuperPuff, everyone either owns or knows someone who has an item from Aritzia. The Vancouver-based brand was created in the Hills Department Store in 1984, and since then, has blossomed into an internationally sought-after retailer. Popular items from their brands have been worn by celebrities such as Ariana Grande, Kendall Jenner, and Meghan Markle

The store carries many brands ncluding Babaton and Wilfred, which have also become successful independently. The brand has also benefited from their substantial social media presence. Their Instagram account, which actively showcases their clothing, has amassed over 1.2 million fol-

Forbes has described Aritizia's brand as one that is "leading with empathy, action and innovation." Aritzia has donated packages of their products to frontline workers during the pandemic. and made contributions to Canadian charities, such as Cause We Care Foundation, Big Sisters of BC Lower Mainland, and the Canadian Journalism Foundation.

Aritzia's success extends beyond its social media pages and 101 stores across North America. The brand has also had tremendous success in the stock market. The value of the comcause of their significance to Coast pany has increased massively since it went public on the Toronto Stock Ex-Salish Peoples and the history of Vancouver. The "woven" copper design change in late 2016. represents the traditions of Coast Sal-

Though Aritzia only has physical stores in Canada and the United States. the brand recently began offering ship ping to China, the United Arab Emirates, Russia, and Singapore. This is in addition to its existing online shipping options to the UK, South Korea, Japan, Taiwan, and Australia.

Fiscally, the company performed better than the year before, as sales skyrocketed to satisfy online shoppers nity house. A theatre, restaurant, and | demand. Aritzia has been capitalizing shop will border the 40,000 square foot | off of the stay-at-home lifestyle that was adopted at the beginning of COVID. announcing new collections of loungedesign was \$350 million. Despite de- | wear nearly every quarter of a year, and placing more emphasis on the comfort and functionality of their popular items.

The brand has also begun to release limited collections for occasions such as Mother's Day and Lunar New Year, which have proved to be lucration, \$50 million from the BC provincial | tive for the company. Pieces from their Mother's Day collection have made appearances in Forbes, while their Lunar New Year collection was featured in Glitter fashion magazine.

By far the most popular Aritzia

item, the SuperPuff jacket has been worn by numerous Hollywood stars including Hailey Bieber, Karlie Kloss, and Emma Roberts. The jacket has a growing number of celebrities who have worn it, and, by extension, promoted the Vancouver retailer. Aritzia continues to benefit from its growing influence in the affordable luxury wear stores, and will surely be a formidable

NEWS REPORT by Arabella Mew (9)

The Canadian Olympic Committee ('COC') and the Canadian Paralympic a Memorandum of Understanding Committee ('CPC') have announced the first-ever Indigenous-led Olympic bid, proposing that the 2030 Winter Olympics be brought to Vancouver.

The Lil'wat, Musqueam, Squamish, and Tsleil-Waututh First Nations, the City of Vancouver, and the Resort

Municipality of Whistler have signed ('MOU') to explore this possibility. If the bid is successful, it would be the second Winter Olympic and Paralympic Games hosted on Indigenous land in British Columbia after the Vancouver 2010 Olym-

"Such a bid would be the first In-

for the development of the Heather

Lands via constructional advancement

Properties in the area are to be altered

to change the densities of housing

units, building heights, and overall

Tsleil-Waututh Nations, is currently in

the process of drafting concepts and

creating policies for the development

of the Jericho communities. Since 2019,

sessions have taken place for discus-

sions regarding the development with

Indigenous members of the communi-

ties. The progress of the Jericho Lands

The Langara Gardens Policy Plan-

is expected to take around 20-30 years.

ning Program, originally approved in

2013 and adopted in 2018, is directed to-

wards the economic and environmental

Planning for the Little Mountain

The Mount Pleasant Industrial

Area plan is targeted towards the eco-

nomic and job growth of the Mount

Pleasant community. Its ideal location

for housing and proximity to public

services and spaces makes it an essen-

tial community for the economy. The

plan consists of zoning or dividing the

Mount Pleasant community into dis-

undeveloped piece of land. The long-

term plan is to develop the land into a

community by creating housing units.

The Northeast False Creek is an

Recently, the Oakridge Transit

Centre site was an undeveloped piece

of land that applied for repurposing. Its

new layout will include housing units,

retail space, and recreational park

space. The new community is expected

False Creek began in 2003, Ideally, the

community would progress while main-

taining its environmental reputation

through "efficient energy solutions,

high-performance green buildings, and

Development plans for Southeast

to be completed in 10-12 years.

tricts for economic advancement.

development of the Langara Gardens

Site Planning Program began in 2012.

Since then, the plan has been further

developed for the rezoning (redesigna-

tion of districts) of the Little Mountain.

plans will occur with individua

ings in the community.

for residents in the community.

The Jericho Lands, an area owned

the Musqueam, Squamish and

jor step towards Reconciliation through sport. The four Host Nations proudly welcomed the world for the 2010 Vancouver Games, playing an important role as they took place on our shared territories," a February 1 statement from the Squamish Nation read. "The 2030 Games would be an opportunity for the Host Nations, and their Members. to take on the lead role in all aspects of planning and hosting this international While a formal bid has not yet been

VANCOUVER AND THE PROVINCE

Indigenous-Led Olympic Bid Could Bring the

Winter Games Back to Vancouver in 2030

Games and, if successful, would be a ma-

placed, First Nations are engaging municpalities in order to assess the possibility.

"This MOU is also an important first step towards exploring the feasibility of bringing the Olympic and Paralympic Games back to the region," the CPC and COC said in a joint statement. "We believe this agreement provides the foundation for transformative change for future event hosting and collaborative work with Indigenous communities across Canada and the world."

The COC and CPC expressed that they "believe there is incredible potential for a transformative Olympic and Paralympic Games in the region and

ity in accordance with First Nations protocol, Canada's Truth and Reconciliation Report Call to Action 91, the United Nations Declarations on The Rights of Indigenous Peoples and BC's Declaration

on the Rights of Indignous Peoples." In a statement, Musqueam Chief Wayne Sparrow voiced this same sentiment, saying that "by exploring the possibility of bringing the Games back to our territories, we have an opportunity to create a new Olympic legacy that is grounded in our unique Indigenous perspectives.

The Government of Canada launched the Truth and Reconciliation Commission to investigate injustices committed against Indigenous peoples. A report with 94 Calls to Action was pub-

Call to Action 91 states that the Commission calls upon "the officials and host countries of international sporting events such as the Olympics, Pan Am. and Commonwealth Games to ensure that Indigenous peoples' territorial protocols are respected, and local Indigenous communities are engaged in all aspects of planning and participating in such events," and was cited by the

Other bids for the 2030 Winte Games are Barcelona, Zaragoza and Pyrenees, Spain, host of the 1993 Summer Games; Sapporo, Japan, host of the 1972 Winter Games; and Salt Lake City United States, host of the 2002 Winter

Vancouver fits well into what is proposed in the International Olympic Committee ('IOC') Agenda due to the slim budget, reuse of existing infrastructure, and suitable environment for winter sports. According to experts, Vancouver would require minimal new infrastructure because of pre-existing sliding centres, ski jumps, and speed-skating ovals, although athlete accommodation and a curling venue would be needed.

Many believe that if Vancouver's 2030 Olympic bid is successful, the city could set a new standard for a socially responsible Games and be a vehicle for transformative change, but Vancouver Mayor Kennedy Stewart told CBC, "No matter what is decided by the Indigenous peoples represented here today, Vancouver will continue to walk this different and unfamiliar path as we continue to put reconciliation into action.'

VANCOUVER'S UPCOMING DEVELOPMENT PROJECTS

NEWS REPORT by Noah Yu (11)

character."

Despite delays to project timelines due to COVID-19 pandemic protocols, Vancouver's developmental committees have been actively planning and carrying out numerous projects.

General Community Development: Since 2019, the Broadway Plan has been working towards general advancement where the Broadway Subway Project will be located. A draft plan is to be completed this coming March, and the Subway Project, which is to be connected to the millennium line, is expected to be completed by 2025. The growth of this community will be surveyed and studied by the Social and Cultural Integrated Impact Assessment Study (SCIIA) for future plans. The resulting development could take around

The Cambie Corridor Plan aims for general developmental progress new housing units and occupations, of communities surrounding the Canada Line. Plans within this project have been in effect since 2018. Carrying out this plan could take around 30 years in total.

Ever since the redesignation of The application for the planning was purposes in East Fraser Lands zones in approved in 2016. Future development the late 2000's, plans have been developed since 2016 for a new community in the area, spanning from Kerr St. to Boundary Rd. Over the next 25 years, parks, schools, and other public spaces and services are to be constructed. The project's construction is expected to be half-complete by 2025.

Because of its major influence on Vancouver's economy, the False Creek Flats Plan, which began in 2017, strives to develop the False Creek community socioeconomically by increasing employment, creating public services and active areas, and creating support programs for businesses to grow. Changes to come include the New St. Paul's

The False Creek South neighbourhood is a waterfront neighbourhood between the Cambie and Burrard bridges. Over the coming years, the False Creek South is to be developed by making the community more economically and environmentally friendly through affordable housing units and increased green space. Carrying out plans could take around 20 years.

Since 2016, plans have been made

Central Waterfront Hub Frame

easy transit access" (City of Vancou-

Planning for the Central Water front Hub Framework began as early as the 1970s, and the project has been in effect since the late 2000s. This plan aims to grow the Central Waterfront Hub as a trade station for Downtown Waterfront. This project is long-term and has no timeline.

Chinatown Transformation:

Chinatown has always been a ma ior hub for culture and community in Vancouver, serving as a residence for immigrants since the 1800s. The Chinatown Transformation project aims to strengthen Chinatown's cultural identity through various community projects. Within the transformation project, there are two major organizaal committees: the Legacy Stewardship Group (LSG) and the Chinatown Transformation Team (CTT). The I.SG. established in 2017, is composed of 35 overseeing members who report on and guide community projects, and will create a Cultural Heritage Asset Management Plan (CHAMP) for Chinatown. The CTT, established in 2018, will likewise create a CHAMP for Chinatown. Both groups strive to advance

tural events and projects. New St. Paul's Hospital:

St. Paul's Hospital, currently locat ed on Burrard St, is relocating to the False Creek Flats. Originally founded in 1894, relocation of St. Paul's will ensure that patients will be cared for properly according to the Ministry of Health's new health care model. Benefits will include more care space for patients, housing units for employees, and various research, retail and cultural facilities. Planning began in 2016, construction began in 2021, and the project is expected to be completed by 2027. The overall cost is expected to be

Chinatown via social and construction-

al means throughout the future. The

groups' duties have included data col-

lection, cleanups, and overseeing cul-

Oakridge Centre:

Oakridge Centre is currently in the process of being renewed. Redeveloping the mall will provide conveniently located shops for consumers, new housing units, and places for recreational activity, including outdoor parks, a community centre, and a public library. Planning began in 2007, construction began in late 2019 and is expected to be completed between 2024 to 2027; the overall cost will be around

Tiny Shelters for Homelessness **NEWS REPORT** by



The City of Vancouver is piloting the construction of a 'tiny shelter' project in the False Creek Flats. These shelters, aimed at creating spaces for housing the homeless, have been approved by City Council, and are anticipated to open by the fall of 2022. They will have access to heating, air-conditioning, and all amenities provided at the Klahowya Tillicum Lalum shelter, located near the project.

This project, which will consist of around 10 structures meant to house 20 people overall, is planned for the next two years. Each 'tiny shelter' will be composed of one room with space for one person or a couple to sleep in and store their belongings, as stated by

To provide a framework for the eation of the Tiny Shelter program, the City of Vancouver has outlined \$1.5 million in Empty Homes Tax revenue 2010.

to fund the project, as obtained from the Daily Hive. In other parts of the world, 'Tiny

Shelters' have been erected for a multitude of purposes. Among them are Los Angeles' tiny shelters: who were erected as a temporary path out of homelessness. Seattle's web of shelter systes, and Elkhart County, Indiana's Tiny Shelter project: whose aim is to provide shelter to homeless people who do not want the traditional approach to homeless shelters.

Inspired by the tiny shelters in Dig nity Village, Portland, Oregon, these shelters will be 100 square feet once

They will not have kitchens or washrooms, as those facilities are expected to be provided at the Tilicum

The idea was brought to council in a motion submitted by Councillor Peter Fry in October of 2020 as a way to address the homelessness crisis, which stood at 2,095 people in the last count done in March of 2020.

In an interview by the Globe and Mail, Councillor Fry said "the SROs and the shelters aren't appropriate housing for a lot of the population. The increased privacy and autonomy offered by tiny shelters makes them a more humane and dignified option than shared shelters."

The construction of these Tiny Shelters' will be a new addition to more than 1700 permanent supportive residences constructed in Vancouver since

CROWDING IN HOSPITALS

NEWS REPORT by Michelle Park (11)

COVID-19 hospitalizations in BC have decreased rapidly over the past month, alleviating pressure on the once overcrowd ed hospital system in the province.

Hospitalizations peaked at 1.048 on January 31, and have since gone down to 549 on March 1, a decrease of 52 per cent. During the peak in cases, Adrian Dix, BC's Minister of Health reported that 95 per cent of hospital beds were occupied.

Experts say 85 per cent is the target cupancy rate for hospital beds. Currently, BC's hospital system has been brought down to a more reasonable occupancy

According to CTV News Vancouver active and lab-confirmed cases of COV-ID-19 have reached over 33,000.

BC Ministry of Health data has reported the numbers of missed work shifts per day to be over 3,800 among 120,000 of BC's health care workers in the first week of January 2022. Despite the cases drop-

BC are still understaffed and unequipped. An analysis by Health Emergency Management BC stated that due to doctor shortages, emergency departments were "awaiting further guidance on whether COVID-positive physicians could work in any capacity." Doctors and nurses are out sick and COVID patients who have been tested positive have little to no space to iso

ping day by day, some of the hospitals in

Experts agree that vaccination is the best step to prevent hospitalization due to

late themselves from other patients while

waiting to be admitted.

According to COVID-19 Tracker Canada, nearly 90 per cent of BC's vaccine-eligible residents have received at least one dose and over 85 per cent have received two doses.. People who are fully vaccinated with a third dose make up around only 49 per cent of BC's popula-

LULULEMON: A NEW LOOK FOR **TEAM CANADA**

NEWS REPORT by Élise Roy (12)

Historically, Team Canada's uni-

forms have been a display of fashion. At

the opening ceremony for the Calgary

1988 games, athletes sported cowboy

hats and fringed shawls designed by

for Barcelona 1992 consisted of mul-

ticoloured button-down shirts tucked

into matching bermuda shorts. The

bold pattern was a staple of the decade.

included a spray-painted denim jack-

et for the closing ceremonies, paying

homage to the host city's vibrant fash-

Lululemon's Olympic uniform kit

The 2022 collection also maintains

a contemporary look through its col-

our choices. Lululemon's predecessor,

Hudson's Bay, used the bright red and

white palette of the Canadian flag in its

uniform design. Lululemon opts for a

deeper red with elements of maroon

white: colours that are relevant to cur-

brand has a high price point in compar-

ison to the Hudson Bay's designs. For

example, the Hudson's Bay mittens

sold for \$10, and Lululemon's similar

"Quilted Mittens on String" is priced

Olympic merchandise collector from

Toronto, says she was "surprised to

see the prices," as "\$68 for a pair [of

mittens] is too much."

Deb Reid, a Team Canada fan and

The sales of the Hudson's Bay red

nittens have raised over \$34 million for

the Canadian Olympic foundation since

2010. Lululemon's fundraising item is the

\$38 cross-body Future Legacy Bag, for

which 10 per cent of proceeds are donat-

ed. The total amount fundraised through

and beige or light grey rather than

Customers have noted that the

Hudson's Bay's Tokyo 2020 design

The opening ceremony uniform

Sunice apparel.

Lululemon made its debut at the Beijing 2022 Winter Olympic and Paralympic Games as the designer of Team Canada's uniform. On September 23, 2021, the company announced that it had entered a contract to be Team Canada's supplier for the next four Olympiads until the 2028 Summer Games. Lululemon paid Team Canada an undisclosed sum of money, a strategic move that puts the Vancouver-based sportswear brand on the world stage.

Lululemon took over from Hudson's Bay, which held the position for 16 years. Hudson's Bay had designed popular Olympic and Paralympic apparel, such as the red knit gloves for the Vancouver 2010 Games.

incorporates trends such as an over-The 2022 uniform was created with sized streetwear look in its joggers, the intention of inclusivity and versatilicrewnecks, and puffer jackets. Other tv. Lululemon Vice President Chantelle modern pieces include the cropped Murnaghan states that Olympians and hoodie and bucket hat. The garments Paralympians "can really customise or are "perfect on and off the podium." according to the Lululemon Guest Edpersonalize their experience based on expectations, body types, [and] therucation Centre. They are marketed to he public in addition to being worn by mal preference."

Lululemons' down puffer jacket is reminiscent of Team Canada's 2006 uniform, designed by Hudson's Bay. The 2022 coats offer a modern twist on the reemerging oversized jacket trend. Lululemon's design contains inner straps so, according to the Lululemon website, "you can wear it like a backpack if you overheat."

Garments are accessible to Paralympians. For example, back zippers make it more comfortable for athletes in wheelchairs to sit down. Karen O'Neill, CEO of the Canadian Paralympic Committee, states, "we're always interested in looking at performance, innovation, accessibility and inclusive clothing, and oftentimes that doesn't come right off the rack, particularly when you're dealing with world-class performance.

"It can be as simple as an enlarged tab on a zipper for someone who might have challenges with mobility or locomotor," says O'Neill.

Lululemon's marketing campaign includes Team Canada athletes as brand ambassadors, such as Dawn Richardson Wilson of bobsleigh, Liam Hickey of Para Ice Hockey, and Paul Poirer of figure skating.



TEAM CANADA'S TRIUMPHS AND LOSSES

NEWS REPORT by Alice Devell (8)



Starting with a fiery opening ceremony in the Beijing National Stadium, the 2022 Winter Olympics flew by in a blast of triumph, loss, and perseverance. Team Canada won a total of 4 gold medals, 8 silver medals, and 14 bronze medals, placing 11th overall. Notwithstanding the medal count, Canada had many successes in this Winter Olympics. From ice hockey to speed skating, the Canadian athletes fostered a sense of pride across the country.

In speed skating, three medals have been won by athletes Isabelle Weidemann, Ivanie Blondin, and Valerie Maltais. On February 5th, Isabelle Weidemann won the first medal for Canada of this Winter Games, a bronze in the women's 3000-metre speed skate. Two other Canadians Valerie Maltais and Ivanie Blondin finished 12th and 14th, respectively. Weidemann then won a silver medal in the women's 5000-metre speed skate. The only speed skating gold was in the women's team pursuit. The team was composed of Isabelle Weidemann, Ivanie Blondin, and Valerie Maltais.

Canada has not been nearly as successful in Alpine skiing, but James Crawford snagged the bronze in the Men's Alpine Combined Slalom after Austria and Norway landed gold and silver respectively.

Biathlon and Cross-country skiing have not yielded any medals for Canada, although Canada did participate in multiple events.

Two bobsleigh medals have been awarded to Canada in the Women's Monobob and the 4-man bobsleigh Christine De Bruin won bronze in the Women's Monobob, only two-tenths of a second behind the United States's Meyers Taylor, coming up just short of silver. Cam Stones, Ryan Sommer, Justin Kripps, and Benjamin Coakwell worked together to land third in the

Curling, surprisingly, has been lacking in medals this winter, as only the Canadian men's team made it to the podium. The men's curling team received the bronze medal, falling behind Great Britain and Sweden. Jennifpoints to get on the podium.

While some amazing Canadian figure skaters have skated and danced on the ice, they simply could not place in the top three of competitors. Madeline Schizas performed very well as the youngest on the Canadian team, at only 19 years old. Other skaters included Roman Sadovsky and Piper Gilles.

Freestyle skiing has held four

medals for Canada, two silver and two bronze, in two different competitions. In the men's moguls, Mikael Kingsbury came up behind Walter Walberg of Sweden, earning himself a silver medal, his third Olympic medal. In mixed team aerials Marion Thénault Miha Fontaine, and Lewis Irving joined together to win bronze. This was the first medal in the past five Olympics since 2002, that Canadians have won in this event. In women's Freeski halfpipe, Cassie Sharpe got the silver, and Rachael Karker the bronze.

In ice hockey, Canada's women's team dominated their side of the competition, while the men's team did not do as well. The women have beaten Switzerland, Finland, the Russian Olympic Committee, the USA and Sweden. Undefeated, they grabbed the gold medal, beating the US in the Gold medal game, 3-2. Canada and the United States have met at the final game for hockey nearly every Olympics. The Canadian team has won five while the American team has only won two. Hockey fans across Canada celebrated the win in Beijing, excited to continue the gold streak after losing in 2018.

The Canadian men's hockey team beat Germany and China, but lost to the US and Sweden. They were eliminated in the quarterfinal game, so they will not receive an Olympic medal for the first time since 2006.

Luge and Nordic combined have had no Canadian medals to speak of, after coming nowhere near the podium in most of the events.

Short-track speed skating has been a medal-ridden sport for Canada this year. Kim Boutin received the bronze are up 11 per cent from the 2018 Pyemedal in the women's 500-metre shorttrack speed skate. Steven Dubois rewas disqualified after tying with China men's 500-metre short-track speed game between Canada and the United and Great Britain, not making enough skate. In the men's 1500 metre short- States.

Pascal Dion, and Jordan Pierre-Gilles. won the gold from the men's 5000-me tre relay. In the men's 1000m, Laurent Dubreuil won the silver medal, coming onto the podium in the event he is historically less skilled in. Another silver came from the women's mass start event, where 2022 medalist Ivanie Blondin scored another medal. Despite there being no Canadian Skeleton medalists, Mirela Rahne

track speed skate, he also achieved a

silver medal for Canada. Dubois, with

Charles Hamelin, Maxime Laoun,

va, a slider from Ottawa. reached a career-best. She came in fifth with a four-minute, nine-second run, moving up seven spots from her final placement in the 2018 Pyeongchang games. Canada won its first Olympic med-

al ever in ski jumping, from the mixed team who won bronze. Alexandria Loutitt, Matthew Soukup, Abigail Strate, and Mackenzie Boyd-Clowes formed the bronze-winning Canadian mixed team. Loutitt, Soukop and Strate are all first-time Olympians, Boyd-Clowes being the only one with prior Olympic experience. Yet, these four beat all previous Canadian ski jumping teams.

Canada has had a great run in snowboarding, with a gold, a silver and four bronze medals. Max Parrot won the gold in men's snowboard slopestyle, and before that, a bronze medal in men's snowboard big air. Meryeta O'Dine competed in two events as well. the women's snowboard cross and the mixed team snowboard cross, the latter with Eliot Grondin. In the women's snowboard cross, she was only half a second off the time of American athlete Jacobellis. Then in the men's snowboard cross. Merveta's mixed team partner Eliot Grondin won the silver for Canada. Finally, Mark McMorris snagged a bronze medal as well in the men's snowboard slopestyle

The Olympics are a well-watched event, with over 70 per cent of Canadi ans watching CBC/Radio-Canada's Beijing Olympic coverage. These numbers ongchang Winter Games. The mostwatched event this winter Olympics

lose accessibility or have to travel further to find snow sports.

What about the seasonal tourists who come here to ski or snowboard? BC's economy will likely take a hit. The province has an estimated tourism export revenue of \$3.5 billion, 25 per cent of which is based in Whistler, according

ruptcy and closed permanently. The glacier was gone; it had lost over 140 vertical feet of ice in the 30 years it was

THE AFTERMATH OF THE SO **CALLED "GREAT RESIGNATION"**

NEWS REPORT by Suhani Dosanjh (8)

Following the spring of 2021, people have been quitting their jobs by the millions, breaking records that haven't been broken in two decades.

This phenomenon has been dubbed as The Great Resignation by Dr. Anthony Klotz of Texas A&M University who believes that as the pandemic comes to an end, and job insecurity starts to become less and less common, workers have started reconsidering their careers, and what they really want out of them.

Dr. Klotz expanded on this in a statement of his, adding that, "The pandemic forced [people] to take stock of their lives and gave them the opportunity to reimagine it."

As a result, more and more peo ple are leaving their jobs, and seeking different priorities as life is finally turning back to "normal". Last year in the United States alone, approximately 3.95 million workers guit their jobs each month, making 2021 the highest recorded average of job quitting, topping the 2019 average of 3.5 million.

However, in Canada, it is still be ing disputed as to whether or not the country is having their own Great Resignation. To put it simply, although we have definitely had an increase in the amount of people leaving their jobs, it is just not enough to count as record

As Brendon Bernard, senior econo-

look like we've seen a huge wave of resignations. We don't have any hard data n Canada to really show that there's a sustained upswing in employed workers voluntarily leaving their jobs - at least more so than normal times." So, although Canada hasn't been hit as hard by this peculiar situation,

the United States surely has, leaving employers and economists alike wondering when this large-scale, record breaking quitting will come to an end? According to an article published in the MIT Sloan Management Review,

it was revealed that after analyzing large amounts of data, the biggest reason why workers ultimately guit their jobs is because their workplace had a toxic corporate work environment. The other top five reasons why peo-

ple quit working at different companies were if a company had constant job insecurity and frequent layoffs, high levels of innovation, failure to recognize worker performance, and a poor response to COVID-19.

In close relation, some of the top four types of jobs that were most affected by The Great Resignation itself were nurses, health care workers, and hospital employees, child care and residen tial facility workers, retail workers, and hotel and restaurant workers. Some common similarities these jobs could have is that they require hard demand,

Most experts agree that the only way this high quitting trend will end is if workplaces re-evaluate, address, and change the way they treat their employees for the better. Only after a large reconstruction, one could even say The Great Reconstruction, of the average workplace, will workers feel content in their once mundane and stressful jobs.

To be specific, this Great Reconstruction would have to change the way that employers think and treat their employees. For example, employers could start trying out four day workweeks, instead of the customary five day weeks. Many believe that this would lower productivity and cause less work to get done, when the very opposite is the case. It actually boosts productivity in workers, as well as causes reduced stress, and less burnout in employees.

The four day workweek is an example of how an employer could re-construct their thoughts on what they're employees schedule should be. And rather than be tough on them, the employer could decide to be empathetic to their employee, which will most likely make the work quality of said employee

The point is, to end The Great Resignation, a "Great Re-construction" of the general workplace must take place. In this Great Reconstruction, employers need to take into consideration

In 1984, Bondar was the only wom-

an in the first Canadian Space Agency

('CSA') astronaut campaign. Eight years

later, Bondar got her spaceflight on the

Space Shuttle Discovery, mission STS-

42. which lasted just over eight days.

one German, under the command of

US astronaut Ronald J. Grabe. As the

seven walked out to the launchpad, Eve

Savory, who was covering the story for

CBC, waved a Girl Guides flag. Bondar

an iconic moment captured on camera.

experiments for 14 different countries

during her time in space, mostly about

Challenger disaster in 1986 when the

space shuttle Challenger exploded

shortly after launch. It was a devastat-

ing event that put the space shuttle pro-

The crew returned safely on Janu-

ary 30, 1992, after gaining much insight

into space-focused science. That Sep-

tember, Bondar left the CSA as she was

gram on pause for two years.

space's impact on the human body.

cheered, lifting both hands in the air in

Bondar conducted 40 advanced

This mission was affected by the

Her crew included five Americans and

the University of Toronto.

their employees' needs and concerns instead of simply doing what has always been done.

Because as this record breaking quitting as shown, what has been cur rently happening so far is not working. But what would happen to employers who refused to change? Would their employees be forced to go back to their quote on quote "miserable desk jobs" and "work like dogs until they're last dving breath?

For stubborn employers who refuse to change their toxic work environments, it is best to assume that most of their employees would stand by their decision to quit their jobs. If this is so, then those same employees would go find work elsewhere. This would eventually leave stubborn employers with too much work and too little people to do it. While lenient, flexible employers who choose to change with The Great Reconstruction would take in the extra helping hands.

The Great Resignation was, and perhaps still is, here. Workers were, and possibly still are, leaving their jobs in droves, and the average workplace might never be the same again because of it. Employers must reconstruct their workplaces to fit with this newfound strength their employees have gained if only to mark the official end of The Great Resignation.

ternational space medicine research

nections between astronauts recover-

ing from microgravity and discovered

more about neurological illnesses on

Earth, such as strokes and Parkinson's

as a photographer and author. She is an

Photography at the Brooks Institute of

Photography. Bondar aims to encour-

age people to protect the planet by

showing them the natural beauty that

people must preserve. Bondar pub-

view of the planet from space. Bondar

Bondar was enthralled by the

lished four photography books.

Bondar also has travelled the world

onours student in Professional Nature

nize Contributions of Black Canadians and February as Black History month "The celebration encourages us to honour the significant role that Black people, both past and present, have played in shaping the mosaic of Canada and its values." Oliver was the first black man appointed to the Canadian Senate. The House of Commons first offi-

team for NASA. They found new conwoman elected to Parliament.

The theme of 2022's Black

Month, two students shared in a video about their experience in the course "African Descent History in BC 12". Madame N. Fester, teacher of the course, joined these two students in attending the VSB's January 31 board meeting. Fester shared that the course is a way to demonstrate that "there is a lot of difficulty and strife within the context Black history, but there is also iov and resilience."

nearly missed this view since she was working so hard. "The highlight was seeing Earth," said Bondar. "It was a unique moment that not only changed the way I understand our planet, but it also helped frame how I view Earth and approach life on it. The experience encouraged me to embrace conservation of our natural world and work to protect. our home," Bondar shared in an interand the origins of the systems."

view with CTV. Roberta continues to reflect on the time she spent as a nature photographer, and the programs she created to benefit the Earth. Bondar used her experience as a photographer and astro-Surface Space ('AMASS'). This project observes birds' migratory patterns and other changes from both space and Earth. In 2018, photos from the Inter-

me in the future." The provincial government and the VSB took the month as an opportunity national Space Station helped to finish Bondar's AMASS program's project.

hosted events for Black History Month. UBC held an online "walk-through commemorating the accomplishments of black nurses throughout history The public may also visit the physical display case in the School of Nursing and watch a video on the nursing web

The BC Black Awareness Society

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ROBERTA BONDAR'S 30 YEARS SINCE SPACE

NEWS REPORT by Alice Devell (8)

so. 30 years later, she celebrated the an-master's degrees in the field. influenced her life.

Roberta Bondar grew up in Sault Ste. Marie, Ontario, where she built model rockets and dreamt of being a spaceman. "When I was eight years old, to be a spaceman was the most exciting also has a Ph.D. in Neurobiology from

On January 22, 1992, Roberta Bonthing I could imagine," reads a quote dar lifted off from the launchpad and from her website. She was very interascended into space, becoming the first ested in sciences from a young age and Canadian woman and neurologist to do went on to earn multiple doctorates and

> University of Guelph. She also holds a Master of Science in Experimental Pathology from Western University and an MD from McMaster University. She

not going to be reassigned to a space-For the 20 years after her trip to space, Bondar studied how the brain adapts to unfamiliar environments. She es in Zoology and Agriculture from the in space medicine, including the FW.

> and 28 honorary doctorates from North American Universities For over ten years, she led an in-

> (Casey) Baldwin Award from the Ca-

nadian Aeronautics and Space Institute,

global trade, leading to an increase in demand but a decrease in supply. Goods become more scarce and consequently more expensive.

ing fewer goods in 2020. Now that people are getting back to their pre-COVID routines, they have a pent-up demand for items they couldn't or wouldn't buy during the earlier stages of the pandem-

Canada's inflation rate will likely continue to increase throughout 2022. A report by Dalhousie University in Nova Scotia forecasts a 5 to 7 per cent rise in

"If supply disruptions and related cost pressures persist for longer than expected and strong goods demand continues, this would increase the likelihood of inflation remaining above our control range," he noted to the Surrey

tinues at the rate it is, without an equivalent increase in wages, many Canadians will not be able to afford basic consumer goods in the coming years.

SNOW MORE WINTER SPORTS? Climate Change is Taking its Toll **ANALYSIS** by Alanna Rudolph (11)

people grab their snow gear and head out for skiing, snowboarding, and other winter sports. However, recent years have shown Canadians increasingly unpredictable weather. Climate change may make it more difficult for locals to enjoy the various options available in the Lower Mainland and will affect the Olympic Games for years to come.

The Beijing Olympics are the first Winter Games to use 100 per cent machine made snow. Past Winter Games used large amounts of artificial snow,

When it gets cold outside, plenty of including 80 per cent machine made in 2014 in Sochi, Russia and 98 per cent in 2018 in Pyeongchang, South Korea, but Beijing is the first to solely use manmade snow. A recent study published by the

University of Waterloo analyzed 21 previous hosts of the Winter Olympics. Currently, nine host cities are rated reliable, eight are marginal, and four are already unreliable based on safety and fairness indicators identified by athletes and coaches. In a low emission situation based on the Paris Climate

Agreement, the number of reliable hosts stay essentially the same. In a worse case scenario with high emissions, there are four reliable host cities by the 2050s and only one by the 2080s.

Artificial snow is an option for winter sports to continue even with climate change, but there are limitations. Snowmaking requires certain temperatures as well as lots of electricity and water. That may be sustainable in British Columbia, where there is plenty of hydropower and water sources, but may result in an even larger carbon footprint in other locations.

Closer to home, local mountains have started reacting to the changes. Cypress and Seymour Mountain resorts told Glacier Media about their adaptations in recent years, including investments in snowmaking equipment and off season grooming. When ski runs are made smoother by putting dirt on top, they require less snow to

be operational. Additionally, mountains are becoming more than just winter enterprises. Trails and other outdoor activities are turning ski resorts into year round attractions.

An unpublished study draft by Michael Pidwirny, an associate professor with the Department of Earth, Environmental and Geographic Sciences at the University of British Columbia Okanagan, examines the future of BC's ski season. In a best case scenario model for climate emissions, he estimates that by the end of the century, the ski season will shorten by 53-103 days for coastal resorts and by 27-45 days for the Interior. Under a worse case model, the ski season will shorten by 103-136 days for coastal resorts and by 48-77 days for the Interior In both models Pidwirny estimates some resorts such as the local Cypress Mountain will have no ski season at all.

In future, snow enthusiasts may

to a 2016 economic planning report. The effects have already been felt locally. At Whistler Blackcomb, the Camp of Champions was a snowpark based on the Horstman Glacier. Olympians from across the globe went there to train, but in 2017 it declared bank-

While there will probably still be winter sports for years to come, with in a lifetime irreversible changes will happen to the way people enjoy the

CANADA'S **RISING INFLATION**

NEWS REPORT by Stephen Kosar (11)

Index ("CPI") rate grew at the fastest pace in 30 years, primarily driven by widespread supply chain issues. The CPI increased by 3.4 per

cent, according to Statistics Canada, A healthy inflation rate, as defined by the Bank of Canada is between 1 and 3 per cent, with 2 per cent being the midpoint The CPI is an economic indicator

measuring prices of a fixed selection of common consumer goods and services, such as fuel and groceries. The Bank of

In 2021, Canada's Consumer Price Canada considers the CPI the best tool to measure cost of living and inflation.

The component of consumer goods that increased the most was gasoline, which increased by 31.2 per cent. Transportation as a whole increased by

Food prices overall increased by 2.5 per cent; meats cost 4.3 per cent more and fresh produce cost 2.6 per cent less compared to last year.

The only sector that decreased in price was clothing and footwear, which lowered by 0.3 per cent.

There are a few main factors causing the increase in inflation. Supply chain issues have affected

Additionally, consumers were buy-

Many of these factors have effects not limited to Canada. The United States' CPI rose by 7.5 per cent in 2021, while both Germany and the United Kingdom's CPI rose by 4.9 per cent much higher than yearly averages.

food prices throughout the year. Deputy Governor of the Bank of

Canada, Toni Gravelle, believes there is no clear end to these global problems.

Board of Trade back in December 2021. Experts believe that if inflation con-

BLACK HISTORY MONTH:

February & Forever

NEWS REPORT by Bianca Takenaka (10)



Black History Month is the annu al celebration recognizing the contri butions and achievements of Black people. According to Senator Donald H. Oliver in the 2008 Motion to Recog-

cially recognized Black History Month in December 1995 following a motion introduced by the Honourable Jean Augustine, the first African Canadian

History Month is "February and Forever," which focuses on recognizing the daily contributions made by Black

To commemorate Black History

Students expressed how much they learned throughout the course through examining the relationship between oppression and modern society. One enrolled student Tobias explained that "we hear a lot about how racism is systemic, but this course actually provided insights to what systems are in place

Another student named Quincy elaborated that "in this class, we have productive discussions about race and it will be something that I will take with

to highlight and honour the life of Barbara Howard. Howard was born and raised in Vancouver and was the first Black female athlete to represent Canada. She later became the first racialised teacher to be recruited by the VSB. Various institutions across Canada

also held events in February and continues to do so through March. On Sunday. March 27, a free online event titled "Black History Here, Now, Then, Always" will be held. Panellists are curators of the exhibits Hope Meets Action: Echoes Through the Black Continuum at the Royal BC Museum: and Sankofa: African Routes, Canadian Roots at the Museum of Anthropology. Viewers can register on the BC Black Awareness Society's events website.

THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022 THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022

EDITORIAL

TAKE NOTE, TRUSTEE **CANDIDATES**

Students, parents, and staff deserve a systematic shift to accountability and transparency. Here's how trustees running in the October elections can make it happen.

The Vancouver School Board is an elected public body of nine trustees who make localized decisions based on guidelines set by the Ministry of Education and the province. Being the second largest district in British Columbia, over 50,000 students, 9,000 staff, and half a billion dollars flow through the jurisdiction every

In October, the public will vote in nine candidates for VSB trustee to represent them on the school board in the 2022 municipal elections.

However, students are the group that the school board's decisions are most consequential to. The same group has the least voice in those decisions.

That needs to change. And with that, The Griffins' Nest Editorial Board has compiled a list of demands for 2022 Vancouver School Board Candidates, to be considered a non-partisan mandate letter from the almost 20,000 district secondary students, nearly 3,000 of whom will be eligible to vote in this year's upcoming election.

Education is about students, and it's time the Vancouver School Board operates that way.

Our Current Board is a Passive Board. That's Unacceptable.

The purpose of school trustees is to hold our public education system accountable to the public. The current Vancouver School Board is far too close to management, and as a collective, does not ask tough questions of staff. Trustees should be engaged and inquisitive, and as a body, they are currently trustees to properly consult the perspective of all stakeholders as opposed to the current deference to management's word. A passive democracy is a weak democracy and democracy is weak in the District.

Afford Student

Councils More

Independence

Student Councils across the

District require more indepen-

dence from their administra-

tion in order to fully represent

the student body. They current-

ly lack autonomy, and work at

the whims of their school of-

ficials. With greater indepen-

dence, student voices are held

in a higher regard and more

meaningful representation and

action can be acheived.

Provide

Resources

to Students

Dealing with Addictions

number of resources they of-

fer to students dealing with

addictions, and make existing

ones more accessible. While

the VSB currently works with

SACY to address addiction,

many students aren't aware of

Extend 5 Minute

Time Limit for

Guest Speakers

at Board

Meetings

accurately. Extending the limit

engagement.

organizations.

Reevaluate **School Scheduling**

re-evaluated to ensure they maximize students' success. Flexible periods should continue to be incorporated into schools' daily schedules, but with less interruption from mandatory school-wide activities, such as safety drills or assemblies. To ensure students neither. Students expect the are well-rested and prepared for school each day, later starttimes should be considered. Students and staff reccomendations should determine which school system (linear, semester, quarter) provides the most enriching learning experience.

Engage in Meaningful Student Consultation

School schedules must be The VSB's current level of student consultation currently receives a fantastically failing grade. And there's no public relations spin to put on that statement. Consultation of students consistently appears minimally affectual in the District's decision making, especially through restrictive surveys. Senior management and trustees need to meaningfully consult with those whose lives board decisions impact the most but have the least voice. A robust framework for collecting and using student input in decision-making is needed

Mental Health Support

Mental health issues and stress are common amongst students, making accessible support necessary. Students may hesitate to reach out to their counsellor or be unaware of existing support services. A proactive, informational approach mental health in classrooms (i.e. increasing mental health check-ins) would be extremely beneficial.

Commit to **Improving** Workplace **Culture for Staff** who Speak Up

The Vancouver School District has yet to recover from the toxic workplace culture revealed in 2016. Some staff go about their professional lives keeping their concerns private out of fear of reprisal. That's unacceptable in a 21st century workplace and at a public body. More needs to be done to allow for effective articulation of teachers' professional concerns

Amend AP 106 so **Trustees Drive Consultations**

Schools should increase the Public consultations are currently driven by management staff, which has led to significant strife and damage to the District's constituency relations. Management staff have proven time and time again since 2017 that they cannot this and the availability of their be trusted to transparently, staff members is often slim. objectively, and meaningfully Schools would benefit from conduct consultations of stakefull-time substance abuse counholders and the public. Trust-offensive to all other students ees, who, unlike management, sentations or workshops, and are accountable to the public, their communities without any connections to external youth need to drive the consultation form of monetary compensaprocess. This is essential.

Immediately Remove the \$2,400 Honorarium of the Student **Trustee**

The annual \$2,400 honorarium for the VDSC Student Trustee needs to be immediately removed. VDSC's collective attendance rate to VSB meetings has been below expectations, and there is no reason a single student should receive a monetary reward for ceremonially The honorarium is practically tion.

Ensure **Schools Have** an Adequate Counselling **Department**

their cause at board meet- qualified counselling teams ings frequently lack the time that can meet the needs of all to champion their cause. The students. This means having a five minute limit currently im- sufficient number of counselposed prevents speakers from ors available and ensuring that explaining their points fully and they offer both adequate mental health support and valuable to 10 minutes will help substan- career advice. Both organizing tially in increasing stakeholder courses and providing student support is crucial.

Re-Evaluate the **Efficacy of the** VLN

Guest speakers petitioning Secondary schools should have The Vancouver Learning Network has been found to be a largely ineffective medium for online learning. With so many students relying on it for educational service, it is a necessity that the VSB re-evaluates its effectiveness and readjusts the VLN to aid student education, especially with the VSB last reviewing the VLN in 2016.

Civil Liberties Must be Respected in Schools

Freedom of expression, whether it be in the form of posters, discussion, campus newspapers, or dress, is a Charter right particularly abused by staff who do not understand the civil liberties implications of their job. That, among other students' rights issues, needs to be addressed and aided by the consultation of the British Columbia Civil Liberties Association, West Coast Legal Education and Action Fund, and the British Columbia Human Rights Clinic in developing a systems are inconsistent even plans to respect civil liberties in Vancouver's public schools.

Increase

Speakers

allow students to deepen their

understanding of course con-

in natural environments, be

exposed to primary source re-

sources, and connect abstract

concepts to real-life experienc-

es, thus both should be consid-

ered a critical component of the

Enriching Field

Trips and Guest

comfortable learning spaces.

Re-Evaluate The

Use of Teams

Lighting and

ularly in classrooms and hall-

dim, yellow lighting is notice-

tral-tone lights is ideal. Also,

improve heat regulation sys-

in the wintertime and maintain-

in the summer months. Many

schools' temperature control

Schools

Temperature in

Field trips and guest speakers Microsoft Teams has become integral to schooling in the District. However, Teams was tent. They provide students rushed into use at the beginning of the COVID-19 pandemwith the opportunity to learn ic, and its effects on student education has not been fully scrutinized since. The District should commit to a full report on how Teams has fallen short and measures up to expecta-

Urgently Develop Media and Information Literacy Resources

The current level of media and information literacy of Vancouver's students is dangerously low. Our democracy depends on a population that can understand and interpret information soundly. The VSB should immediately engage News Media Canada and OpenMedia as well as other consultants to develop a strategic plan to promote the development of and to prepare students and staff to actively combat mis/ disinformation

Make the **Student Trustee** Electable by the **School District**

Process for Filing Serious Complaints Against a **Teacher**

EDITORIAL

The poor quality of lighting and poor heating/ventilation Serious non-academic complaints about teachers need to be addressed and adjudiin schools affects the mental well-being of students. Particcated quickly, effectively, and objectively. Victims of teacher ways that have no windows, the sexual harassment or bullying have the right to have their able. A change to brighter, neucomplaints addressed. Current mechanisms for teacher behavioral accountability are ineffectems, notably heating schools tive and inconsequential, and force students into situations ing an adequate temperature society would not tolerate in any other setting. The school district is failing wholly in this realm, and fundamental and within buildings, creating ununprecedented progress is to keep school safe for students.

Cover Costs

of Printing

to Pay

that Students

Currently Have

some secondary schools

in the District, students who

require the use a school print-

er to print their homework,

assignments, and projects are

currently subject to the corre-

sponding fees to do so. Those

costs must be covered by the

Vancouver School District. Stu-

dents should not be paying out-

of-pocket for lacking access to a

Engage Teachers' Unions to Review **Professional** Autonomy

Professional autonomy in collective agreements has profound necessities, including the protection of teaching styles and unique methods of instruction. However, it has left many teachers unaccountable to their students and their families and administrators are effectively powerless to intervene and serious academic concerns. A solution that balances the current imbalance of student and staff interests needs to be reached through consultation of the VSTA, BCTF, other subject matter experts, and stu-

Work with

School

Consistency Across the District for the **Mandatory CLC** Course

The content, structure, and attendance requirements for Career Life Connections 12 ('CLC') varies greatly across the District. Much like other graduation-mandated courses, students should expect a level of consistency throughout District schools for CLC. The option of taking CLC in students' Grade 11 year should be provided to all students to allow for more flexibility in their timetable and the possibility of using their CLC Capstone as a "passion project" in their supplementary post-secondary ap-

the City and Translink to Develop Access to **Safe Routes to Devices for All Students**

Transportation can act as a Many teachers require students barrier for students to access to submit assignments online, school. Collaboration with the something only students with City of Vancouver and Translink access to a device can do. Fifor bike/walking routes and nancial means should not limit transit routes would improve a student's success in school acessibility and student safety. Schools need to find alternate Especially in neighbourhoods means of learning, or provide with growing school-age popudevices to students who are lations, increases in safe transunable to access their own on portation to schools is necesa consistent basis, so they are equitably accounted for.

Population

The Student Trustee has been elected exclusively by Vancouver District Student Council ("VDSC") members by an ondation) or by in-person vote. The Student Trustee is supposed to represent the entire school district population at ees are voted in by the general who they represent.

Revisit and Reevaluate **Interactions** with DPAC

The District Parent Advisory Council is treated by the VSB as an annovance, not an actual stakeholder group. This is not an appropriate way to interact with a core stakeholder group. The current relationship held by the two hinder public discourse and limit meaningful the board level, yet the trustee engagement. The VSB must to selors. Schools should also is voted in by a select group of reevaluate its interactions with employ a staff member to act corporated into course content students. Just as school trust- the District Parent Advisory as a career counsellor to walk voting population, the Student tively to heed and respect the goals and the possibility of should be invested in and new Trustee must be selected by views of parents in the District post-secondary education. This construction should be carbon

Support in **Post-Secondary Applications**

Grade 12 students need guidance and time to prepare post-secondary applications. Most students do not know where to begin in this process. Consider step-by-step assemblies. Allocate time for students to work on applications with the help of teachers and counstudents through their career is critical in students' futures.

Larger Scale Emphasis on Environmental Consciousness

It is known that climate change is not only dangerous, but rapidly advancing. Our school system needs to both actively foster a generation of changemakers on the environmental forefront and invest in infrastructure that aims to minimize environmental footprint. Enacross a multitude of subject areas. Robust recycling programs neutral.

Alternate Learning **Programs**

Students' individual needs vary greatly. In recent months, many of VSB's programs catered to advanced or Ministry designated "P" students have been removed or restructured in the name of equity. An increased number of these options are necessary to foster learning in students of all abilities. External academics must be consulted.

Those 18 years of age or older are eligible to vote for trustees in the upcoming municipal election on Saturday, October 15, 2022

TRUCKERS' "FREEDOM CONVOY"

NEWS REPORT by Simone Hamilton (11)

On January 28, a group of Canadian truckers and their supporters started assembling in downtown Ottawa in protest of the vaccine mandate on the United States - Canada land borders and all other COVID-19 related regulations in the country

Their cause quickly spread, causing a state of emergency in Ottawa and international economic dysfunction after many key border crossings closed.

Hundreds of trucks occupied downtown and certain residential areas of Ottawa in the height of these protests. Demonstrators camped out in Ottawa for over three weeks, and used signage, vehicle horns, and their overwhelming presence and power in numbers to spread their message.

The "Freedom Convoy" has lasted weeks, and the situation in Ottawa and across the country has escalated. Prime Minister Trudeau engaged the Emergencies Act in a historic first to provide police with more legal flexibility to remove trucks from downtown

On February 14, Prime Minister Justin Trudeau announced the federal government would be invoking the Emergencies Act in response to the dysfunction across the country's borders. He clarified that he was not calling in the Armed Forces, or overriding the Charter. Trudeau also said Canadians' freedom of expression and peaceful assembly is not being compromised.

Emergencies Act is a law passed in 1988 that allows the federal government additional, necessary powers in event of an emergency that threatens national security. This includes the power to declare public order emergencies where certain public demonstrations can be prohibited.

The Emergencies Act is currently being used to freeze participants' bank accounts and legally requires every financial institution to assist the RCMP. When the act was announced, Ottawa Police were analyzing how exactly they could use the Act to progress action, and they had started by issuing warnings of criminal charges amongst protesters downtown.

On February 19, police moved in

GETTY IMAGES

on protesters using force. The police retook Wellington Street and made 170 arrests. They removed up to 53 vehicles. Before police action, it is estimated that around 360 vehicles occupied the streets surrounding Parliament

Ottawa Police secured an area where they control traffic into the Parliament district, Almost 100 checkpoints exist for police to prevent more lemonstrators from joining the now

Among the Convoy's demands includes Prime Minister Justin Trudeau's resignation, the lifting of vaccine mandates within Canada and Canada-US border crossing, and provincial mask

Protestors gained major financial support through a GoFundMe page, with donations reaching 7.8 million dollars total before complaints reached GoFundMe. GoFundMe suspended the funds for violating the website's terms

of service, and gave full refunds to do-

The self-proclaimed peaceful demonstration has put the City of Ottawa in a state of emergency. Complaints from Ottawa residents include 24/7 car horn honking, road blockades, business closures, and harassment.

The worst of the allegations: hate crimes. The Ottawa city police set up a hotline for hate crimes, assaults, and harassment related to the convoy. It reportedly received over 200 calls in the first week of February. Photos of vandalized Canadian flags with hand drawn swastikas, Nazi flags, and Conferderate flags that are associated with the Freedom Convoy have circled the

Ottawa Police issued thousands of bylaw tickets, each up to \$1000. These include enforcing tickets on horn-honking downtown according to an Ontario iudge's injunction.

ca, the Ambassador Bridge, was closed for almost a week. This cripplied a key trade route connecting Windsor and Detroit. It reopened on February 14 after Windsor Police started arresting protesters on February 13, almost 30 people were arrested for criminal mischief. A judge had issued a warning to leave by 7pm on Friday February 11.

land border crossing in North Ameri-

Similar incidents of public and border disturbances have occurred across the country. The Coutts border dividing Alberta and Montana has been blocked by semi trailers, trucks, and farming equipment. A similar situation occurred at the Canada-US border between Emerson, Manitoba and Pembina. North Dakota.

Four people were arrested by RCMP at the Pacific Highway border crossing in British Columbia for breaking through a police barricade. There were no injuries reported related to said incident.

UNMARKED **GRAVES ACROSS CANADA**

NEWS REPORT by Liliana Chow (12)

When several hundred unmarked graves were found on former residential school sites on Tk'emlúps te Secwépemc territory and on Cowessess First Nation territory in mid-2021, public outrage ensued. The eyes of many Canadians were opened to the veiled horrors of residential schools which had mortality rates of up to 60 per cent. Publicizing these findings and spreading awareness on the treatment at these schools is crucial to prevent cultural genocide from reoccurring.

Indigenous Peoples have known about these unmarked mass graves for years, but it was only with the recent developments in radar technology that they were finally able to prove that these graves existed. Most recently, Williams Lake First Nation in British Columbia discovered 93 more potential burial sites near the former St. Joseph Mission Residential School.

Self-identity was a trait especially stripped away by the Indian Residential School System. Students were forced to assimilate and appear more Europe an through the chopping of their hair, changing of their names, and stripping of their language. Their inability to identify how they wished was detrimental to Indigneous cultures.

Indigenous leaders have expressed relief that these discoveries are finally highlighting the reality of what occurred at residential schools. Many view this as a progression in the process of reconciling with the trauma faced at the hands of the Canadian Government. "There can be no reconciliation before there is truth." Williams Lake First Nation Chief Willie Sellars voiced. With the potential burial sites having been discovered, Sellars emphasized, "this reawakening in Indian country has allowed us to start the process of healing."

The Worldwide WORDLE

Craze, **Explained**

NEWS REPORT by Teagan Nichol (9)

The seemingly simple online word game, "Wordle", has taken the internet by storm and was recently purchased by The New York Times ('NYT').

"Wordle" was released in October 2021. It had 90 daily players at the start of November. Since then, the game has grown to have millions. Through its rise to popularity, the game's colourful squares representing letter tiles have flooded social media feeds.

The objective is to guess the five-letter "word of the day" in six attempts. On the first try, you enter any five-letter word. Based on what colour the tiles turn, players will know if the letters are present in the final answer.

The tile turns green if the letter has been guessed in the right spot, yellow if the letter is in the word but not in the correct space, and gray if that letter does not appear in the word at all. The site keeps track of the number of attempts each time the game has been successfully completed and each user's "streak" of how many days in a row they have solved the puzzle

The game was created by Josh Wardle, a British software engineer and digital arts graduate of the University of

Despite the game's seemingly rapid rise to fame, Wardle had created the first prototype for "Wordle" in 2013. He gave up on the project when his earlier prototype failed to challenge and entertain his friends. He revisited the project in 2020 for his partner, Palak Shah, who had become obsessed with word games, specifically those featured

This isn't the first time that Warlde has produced a viral game. Wardle created "The Button", a social experiment that became popular on Reddit, as well as another social experiment called

Recently "Wordle" was purchased by The New York Times for a price purportedly in the low seven figures.

Like many popular games, "Wordle" has had several copy-cats emerge. One of its imitations, "WhatWord-Wordle", has reached 20,000 downloads worldwide and has become the topranked word game in the U.K., Ireland and Netherlands, as of January 8.

Another "Wordle" imitation game called "Wordle!" reached 40,000 downloads and reached the fourth spot for

Apple had begun removing many imitation "Wordle" games from its App Store after they started to gain traction.

"Wordle" has received complaints from players since The New York Times assumed ownership. Players have noticed an increase in the difficulty of the words, and that their win streaks from previous games have been lost.

Despite the preservation of players' win-streaks being promised when the launch was announced, the NYT found that they were being reset after successfully completing the "Worlde" the day of the launch.

The New York Times has since been able to restore streaks for those who had lost theirs. However, players had to successfully complete the next day's "Wordle" and refresh their browser in order to recover the data.

The NYT believes that the vast majority of "Wordle" players' statistics should have now been transferred successfully. However, some players reportedly are still experiencing this

JAMES WEBB TELESCOPE LAUNCH

NEWS REPORT by Salena Sharma (8)

NASA's James Webb Telescope (IWST) reached its destination, Lagrange Point (L2) on January 24, 2022, preparing to study the earliest stars and galaxies and analyze their emergence in the Universe. After leaving Earth on December 25, 2021, Webb set out on a mission into the past hoping to be the ticket to the unknown aspects of the Universe's formation. The James Webb Telescope is a

project by the National Aeronautics and Space Administration (NASA), the Canadian Space Agency (CSA), and the European Space Agency (ESA). The ESA provided the mission

with an Ariane 5 ECA rocket and aunched the telescope from Kouro in French Guinea. The CSA provided Webb with scientific equipment such as the Fine Guidance Sensor (FGS) that allows the telescope to precisely point. NASA had many roles in this project with one being building the 43.5-foot telescope. All three agencies' collaboration led to the establishment of one of the most technologically adanced telescopes ever built.

Canadian astronomers and scienists who contributed to the project will be among the first to study Webb's discoveries. According to the CSA, Canadian astronomers will study three different observation systems, one of them being Early Release Science. In this system, scientists will study the interplay between infrared light which s made by large stars and their local

Work began for the telescope in 1996 with a budget of \$500 million. However, the project had many settially supposed to launch in 2007 but there were many delays because of a design change and budget issues. Finally, the completion and launch of the telescope were achieved in late 2021. The Webb telescope was original-

named the Next Generation Space Telescope, but in September 2002, the telescope's name was changed to the James Webb Telescope, deriving its name from former NASA administrator, James E. Webb, who oversaw most Apollo missions during the mid-1900s.

When an astronomical object's spectrum is rearranging toward longer (red) wavelengths, it is known as a redshift. Similar to the Doppler effect, the light source moves relative to an observer and the wavelengths appear longer than when they were discharged. The ability to perceive redshifts will shed light on some of the first star formations in the Universe.

Calculations from researchers showed that the first star formations happened somewhere between redshift 15 and 30. During those redshifts, the universe was only around 1.5 per cent of its current age. Today, the Universe is 13.8 billion years old. and these redshifts have connected for 100 to 250 million years since the Big

One of the reasons JWST was developed was to aid in the discoveries of the Hubble Space Telescope. The two telescopes are similar but serve distinct, differing purposes. Webb will not be in orbit around Earth-like Hubble Instead, it will orbit around the Sun at L2, which is 1.5 million miles away

matic comedy explores the true mean-

and is loosely based on director Ken-

"Belfast" is semi-autobiographical

ing of home.

backs for its launch date. It was ini- from Earth. This orbit path will cause the telescope to stay in line with Earth, allowing its sun shield to safeguard the telescope from the light and heat from the Sun, Earth, and the Moon. This allows the telescope's scientific equipment to function properly when testing out its instruments.

Scientists will use Webb to study 11 exoplanets that are larger than Earth, but smaller than Neptune and will learn about how they developed over time. Scientists hope Webb will answer the questions as to whether exoplanets are habitable for humans.

IWST can also detect the appear ance of planets as large as Jupiter, using the infrared light that comes from the planet. With Webb's equipment, it can block out the light of the planets as the parent stars of those planets are bright compared to other stars. This can help Webb detect information about the planet which would be crucial for scientists back at Earth as the information collected could help answer the many questions about these planets that could never be answered. This type of information Webb finds will be shared with NASA's Ames Research Center in Silicon Valley, California. They will be among the first to share Webb's discoveries with others and can build off the foundation Webb set from its discoveries.

The Near Infrared Camera (NIR Cam), the Near-Infrared Spectrograph (NIRSpec), the Mid-Infrared Instrument (MIRI), and the Fine Guidance Sensor/Near-Infrared Imager and Slitless Spectrograph (FGS-NIRISS) are four pieces of scientific equipment Webb has for its mission. These instruments will serve many purposes with the assistance of James Webb Spectrographs, for example, are on each of Webb's scientific equipment. It will help the telescope see into the darkness and will shine light out into a spectrum so that the light of each independent wavelength can be sized. Each of these pieces of equipment comes in various modes that will help Webb and scientists at Earth to make conclusions on the consequences of the Big Bang.

Webb's design varies greatly from other space telescopes. One example is its sun shield. Webb's cameras are sensitive to the sun, so a sun shield was placed on the telescope to protect its instruments and mirrors. The sun shield has significant protection as it is the same as the size of a tennis court. According to NASA, the side of Webb that is facing the Sun has a 300-degree Celcius difference between the shaded areas. Another interesting design element is the gold-plated mirrors. Gold reflects infrared light. Infrared light can peek from the farthest corners of the universe and if exposed to it, the Webb telescope will not be able to function properly.

"It's a humbling experience to be part of such a massive endeavour, Natasha Bathla, a research scientist at NASA's Ames Center stated. "About 10,000 people have contributed to this telescope, and thousands more across over 400 institutions will be analyzing data from its first cycle. It's an amazing opportunity to get to do science on this

2022 GRAMMY AWARDS

NEWS REPORT by Shaan Sandhu (10)

neth Branagh's experience growing up been an annual event in the music indusin Ireland during the period of civil war. Many have said Branagh has earned a try, widely known as "music's biggest nomination for best director because of night." The 2022 Grammys were schedthis film's uniqueness and nostalgia. uled for January 31, but due to the soar West Side Story is nominated for: in Omicron cases in the United States, the award show was pushed back to Best Picture, Best Supporting Actress (Ariana Debose), Best Director (Steven April 3. This created a five-month gap Spielberg), Best Cinematography, Best between the announcement of nomi-Production Design, Best Costume Denees and the ceremony. It is scheduled

sign and Best Sound A modern musical that takes Ro meo and Juliet and drops them into the harsh streets of the Upper West Side. As rival street gangs, the Jets and the Sharks battle for dominance behind the scenes, Maria and Tony find themselves drawn together despite belonging to opposing sides.

Ariana Debose has been nominat ed for her supporting role as Anita in Stephen Speilberg's remake. Exactly 60 years ago, Rita Moreno won an Oscar for the same role. Watch "West Side Story" on Disney+ on March 2.

King Richard is nominated for: Best Picture, Best Actor (Will Smith), Best Supporting Actress (Aunjanue Ellis), Best Original Score, Best Original Screenplay and Best Film Editing

Equipped with only his wits and a 78-page plan, Richard Williams is determined to secure his daughters, Venus and Serena, a place in tennis history, despite the odds. This movie highlights the impor

tance of the Williams sisters' success and how they made history despite gender and racial barriers Don't Look Up is nominated for:

Best Picture, Best Editing, Best Original Score, Best Original Score and Best The world is turned upside down

when two astronomers discover a comet that will cause global extinction, but here's the real problem: nobody cares. This apocalyptic comedy is a satirical critique of society, politics and human self-interest, and has an important message that is relevant today. Watch "Don't Look Up" on Netflix.

Honourable Mentions: Encanto, Nightmare Alley, Coda, Licorice Pizza, The Tragedy of Macbeth, Tick...Tick...Boom, Being the Ricardo's and Spencer.

to air from 5:00-8:30 PM Pacific Time.

The 2022 Grammys include 86 categories with many nominations for each. Members of the Recording Academy vote upon the winners for each category, usually voting for categories they specialize in. The highly anticipated categories include Song of the Year, Album of the Year, Record of the Year, and Best New Artist. Each of these four categories has ten nominees.

Album of the Year Album of the Year is the most pres-

tigious award that is presented at the Grammys. It commemorates artists who create a unique body of work. The We Are - John Batiste, Love For Sale -Tony Bennett and Lady Gaga, Justice Justin Bieber, Planet Her (Deluxe) Doja Cat, Happier Than Ever - Billie Eilish, Back Of My Mind - H.E.R., Mon-

tero - Lil Nas X, Sour - Olivia Rodrigo, Evermore - Taylor Swift and Donda -Kanye West. Album of the year is a com-

petitive category. Commentators in the industry have suggested that the artist with the best odds may be Olivia Rodrigo. Her debut album Sour dominated the billboard charts throughout the summer. Sour was the biggest album of 2021, and the first debut album to have two singles land number one on the Billboard Top 100 charts.

2. Song of the Year

Song of the Year is dedicated to the songwriters who composed the lyrics and melody. The nominees consist of: "Bad Habits" - Ed Sheeran, "A Beautiful Noise" - Alicia Keys & Brandi Carlile, "Drivers License" - Olivia Rodrigo, "Fight For You" - H.E.R., "Happier Than Ever" - Billie Eilish, "Kiss Me More" - Doia Cat and SZA, "Leave The Door Open" - Silk Sonic, "Montero Call Me By Your Name" - Lil Nas X, "Peach-

Since 1959, the Grammys have es" - Justin Bieber, Daniel Caesar, and Giveon and "Right On Time" - Brandi

> "Leave The Door Open" by Silk Sonic has a strong chance of winning Song of the Year. The supergroup; Silk Sonic, was an unexpected collaboration between Anderson Paak and Bruno Mars, and "Leave The Door Open" was the highlighted song of that album. The 6-year wait for Bruno Mars to release a new album generated lots of excitement, which could boost the odds of "Leave The Door Open" winning this award. Bruno Mars has been relevant in the music industry for over a decade and has been awarded and nominated for Grammys throughout his career. His experience and reputation will be

beneficial when voting occurs. 3. Record of the Year

Record of the Year differs from Song of the Year because the award goes to all contributors of the song including songwriters and publishers The nominees for Record of the Year nominations for Album of the Year are: include: "I Still Have Faith In You" ABBA, "Freedom"- Jon Batiste, "I Get A Kick Out Of You" - Tony Bennett & Lady Gaga, "Peaches" - Justin Bieber Featuring Daniel Caesar & Giveon, "Right On Time"- Brandi Carlile, - "Kiss Me More" - Doja Cat Featuring SZA, "Happier Than Ever" - Billie Eilish "Montero (Call Me By Your Name)" - Lil Nas X, "drivers license" - Olivia Rodrigo and "Leave The Door Open"- Silk Sonic.

> Based on previous years, "Happier Than Ever" by Billie Ellish is likely to win Record of the Year. In 2020, her hit song "Bad Guy" won this award, alongside "Everything I Wanted" in 2021. Ever since her sweep at the Grammys in 2020. Billie Ellish has been a favourite at the award show.

4. Best New Artist

Best New Artist is awarded to the artists who had the biggest breakout vear: Arooi Aftab, Iimmie Allen, Baby Keem, FINNEAS, Glass Animals, Jan anese Breakfast, The Kid LAROI, Arlo Parks, Olivia Rodrigo, and Saweetie.

Of all the nominees, Olivia Rodrigo is most prominent. She saw the greatest commercial success. In 2021, she was one of the biggest artists of the year, with her debut album Sour achieving

QUEBEC'S PROPOSED "VAX TAX"

NEWS REPORT by Teagan Nichol (9)



In early January, Québec Premier François Legault announced that his government was considering taxing those who chose not to get vaccinated. Legault, after public uproar, has now confirmed that this bill will not be made law.

The proposed plan would have taxed those who choose not to get vaccinated against COVID-19 within the province. Every adult who chose not to get vaccinated would be charged a significant healthcare "contribution."

Following the announcement, there was a spike in first-dose vacci-

nation bookings in Québec. Québec Health Minister Christian Dube stated that following the tax announcement, first vaccination appointments increased up to 5,000 on January 10 and 7,000 on January 11, a "record for [the pastl several days."

Roughly ten per cent of Quebecers eligible for vaccination remain unvaccinated. The main focus of this bill would've been to encourage unvaccinated people to get vaccinated as an alternative to having to pay the significant contribution.

Additionally this tax would be

pushing part of the cost of hospitalization for people with COVID-19, who are disproportionately unvaccinated people, onto those who choose to remain unvaccinated against the virus.

"I think right now it's a question of fairness for the 90 per cent of the population who made some sacrifices." Mr Legault said while announcing the plan to tax. "I think we owe them this kind of measure."

A bill had been prepared by Quebec's Finance Minister Fric Girard but according to Legault, will not be considered further.

The tax was scrapped due to concerns raised by many citizens and the risk of dividing the Quebecois. During his announcement on the scrapping of the tax, Legault emphasized on the need for unity and "social peace" in Québec.

"I understand that this divides Quebecers and right now we need to build bridges," Legualt sympathized. "My role is to try to bring Quebecers together to stay united as a people.'

This announcement comes after growing concerns over the ethicality and legality of this proposed bill. Many civil rights advocates have expressed distaste and concern over the proposed plan, including the Canadian Civil Liberties Association who considered the plan deeply troubling. Cara Zwibel, Director of Fundamental Freedoms and acting General Counsel for the association, called the plan "divisive" and "unprecedented," pointing out that "[the Canadian] Charter recognizes individual autonomy over our bodies and medical decisions.'

Legality may have also been a be just a short term push for people to problem for this plan if it were to be get the vaccine. implemented. According to Davies Ward Phillips and Vineberg LLP lawyer, Jean-Phillippe Groleau, the bill

would likely not be seen as violating the Canada Health Act, but would almost certainly face some issues with the Charter of Rights and Freedoms to be settled in court. This plan, according to Vardit

Ravistky, a professor of bioethics at the Université de Montréal and at Harvard Medical School, would have disproportionately impacted low-income people. Dr. Ravistsky also speculates how

the proposal, combined with societal views of healthcare within Canada. may provoke many people across the country, noting that "we see health as something that we get from the government free of charge, and the notion of attaching a tax or a penalty to the domain of health seems a step in the wrong direction."

The cancellation came during the planning of a protest that would have taken place in Québec City, on the steps of the Quebec National As sembly. However, Legault claims that this decision to scrap the bill was not influenced by the possibility of protests and asked the protestors to remain respectful and refrain from using hateful

After this backlash Legault has claimed that instead of the tax, the government will try more educational measures to encourage people into getting the vaccine. Door-to-door campaigns to encourage people to get vaccinated and even at-home vaccinations have been mentioned as possible alternatives to the taxation.

Legault's Liberal opposition and

the general public have questioned the

sincerity of this proposal or whether it

This proposed taxation plan follows some of the similar principles currently used in Singapore.

Singapore's government, as a part of a relief plan to help citizens at the start of the pandemic, has paid for the full medical treatment for almost all COVID-19 patients since last year. They took this approach to reduce any financial burdens on citizens and to dissuade public concern over the

Starting December 8th, the Singapore government stopped paying for the COVID-19 treatment of those who are unvaccinated as a way of encouraging people to get vaccinated. "We have to send this important signal, to urge everyone to get vaccinated if you are eligible," said Singapore's Health Minister Ong Ye Kung. This shift has not come without other initiatives, as the Singaporian government had already implemented additional educational and other passive campaigns to get people vaccinated as well.

The tactic taken by the Singaporean government has raised some ethical concerns among the public and healthcare professionals, with one unnamed, vaccinated Singaporean doctor stating, "The healthcare system needs to be there for everyone, not just for those whose choices we endorse."

Singapore's vaccination rate

of Health, is 92 per cent of the total

population as of February 18, 2022.

years of age.

according to the Singaporian Ministry

Other countries have put in similar but perhaps less punitive measures to encourage and in some cases, ensure vaccination among eligible citizens. For example, Austria requires all adults to get vaccinated. Fines are charged to people who do not get vaccinated or fail to show up to appointments, with fines in Vienna costing up to \$4,050. Greece also enforces vaccines for citizens over 60

NOMINEES NEWS REPORT by Elle Glen (8)

OSCAR

The Power of the Dog is nominated for: Best Picture, Best Actor (Benedict Cumberbatch), Best Supporting Actress (Kirsten Dunst), Best Supporting Actor (Jesse Plemons and Kodi Smit-McPhee), Best Director (Jane Campion), Best Original Score, Best Adapted Screenplay, Best Cinematography, Best Production Design, Best Film Editing and Best Sound

Set in Montana in the 1920s, Phil, arrogant rancher, responds with mocking cruelty when his brother marries a widow with a teenage son. As Phil proceeds to mercilessly torment them, becomes exposed to the unexpect-

Cinematographer Ari Wegner is the second woman ever to be nominated for Best Cinematography and a potential victory would be a historical success for equality. "The Power of the word games in the U.S. in early Janu- Dog" is available on Netflix.

> **Dune** is nominated for: Best Picture, Best Original Score, Best Adapted Screenplay, Best Cinematography, Best Visual Effects, Best Production Design, Best Costume Design, Best Makeup and Hairstyling, Best Film Editing and Best Sound Based on the groundbreaking nov

with a destiny beyond his understanding and must journey to the most dangerous planet in the universe to save his family and people. The 1984 rendition of Dune was nominated for only one Oscar. This film

el by Frank Herbert, Dune follows Paul

Atreides, a gifted vouth, who is born

was nominated for ten, including Best

Picture and Best Visual effects. Belfast is nominated for: Best Picture. Best Supporting Actor (Ciarán Hinds), Best Supporting Actress (Judi Dench), Best Director (Kenneth Branagh), Best Original Score, Best Original Screenplay and Best Sound

> When The Troubles (a conflict in Colonial Ireland) seize Belfast, ninevear-old Buddy and his family must make a difficult decision: stay and fight for their home or leave. This sad, dra-

double platinum status.

THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022 THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022

INTERNATIONAL

MYANMAR MARKS ONE YEAR OF MILITARY RULE

NEWS REPORT by Derek Chau (10)



Myanmar has been under the rule of its military, officially called the Tatmadaw, for over a year since February 1, 2021's coup d'état. Thousands have died or were arrested while resisting the military's sweeping control, and massive protests, known as the Spring Revolution, have broken out in opposition to the regime. Citizens have been forced to flee the country or live with the constant fear of persecution.

Since the military coup d'état of 1962, Myanmar has operated under a military dictatorship, and has struggled with economic stagnation. However, a rising opposition party called the National League for Democracy ("NLD"), led by civilian activist, Aung San Suu Kyi, was formed in 1988 and gained support from citizens across Myanmar

Aung San Suu Kyi and the National League for Democracy won the 1990 elections by an overwhelming majority. Regardless, the military refused the results of the elections and continued their dictatorship.

When the next elections in 2015 occurred, the National League for Democracy won again, this time allowing Myanmar to escape dictatorship for the first time in nearly 50 years. The National League for Democracy won again in the 2020 elections

Recognizing the National League for Democracy's rapid increase in popularity, the military—who had lost support from citizens and whose power in their government had weakened-decided to stage another coup.

A national emergency was announced on television on February 1. 2021 as broadcasts, flights, and internet were all suspended. The military took control of roads. The stock market and banks were shut down. Additionally, leaders of the National League for Democracy as well as other opposing politicians, activists, and writers, were all arrested. Aung San Suu Kyi was incarcerated and her position was filled by the military commander, Min

Aung Hlaing Peaceful protests against the military's actions broke out in the weeks following the coup. No fatalities were rounds in the city of Mandalay, killing two unarmed protesters. One of the victims was reported to be a 16 year-

Outrage from Myanmar citizens fuelled a nationwide civil disobedience movement. Millions of people were seen in mass protests organized throughout cities and villages nationally two days following the military's violence. The military responded to these protests by firing live and rubber bullets, as well as by shooting high-pressure water jets from water cannons

into the crowds. According to the Assistance Association for Political Prisoners' most recent statistics, 1,297 people have been killed by the military and 10,536 have been detained. Protests demanding the return of a democratic government continue to rage throughout Myanmar.

In Myanmar's jungles and smaller villages, people have armed themselves with firearms and hand grenades, preparing to defend themselves from a potential military attack. There have been many instances of violence, notably in the township of Kani where 40 men were killed.

A majority of the Kani townshir murders took place in Yin village. Eye witnesses told media that at least 13 men from their village were brutally murdered by the military.

Some citizens gathered to form local militias called the People's Defense Forces. The People's Defense Forces attacked military convoys, and even assassinated military officials. In regions where these local militias are prevalent, the military has retaliated by cutting off food supplies, burning villages, shooting rocket launchers, and firing at fleeing civilians, regardless of whether they were actively involved in

protests or People's Defense Forces. Many families have also sought refuge in neighbouring India due to the return of Myanmar's military dictatorship. Aid groups have already committed to help these refugees during

Foreign nations' condemned the coup and the violence that erupted afterwards have called out the Tatmadaw for creating a "reign of terror." Additionally, sanctions from the United States, United Kingdom, and the European Union have been imposed onto Myanmar The United Nations stated that Myanmar would experience "an intensification of violence and a rapid rise in poverty" under another period

Diplomatic Boycott of the 2022 Beijing Olympics

NEWS REPORT by Julien Yuen (11)

The 2022 Beijing Winter Olympics took place from February 4 to 20 and the Paralympics will be held from March 4

In December, countries including the United States, United Kingdom, Canada, and Australia announced a diplomatic boycott of the games in protest of human rights abuses by the Chinese government in Xinjiang, Tibet, and Hong Kong. While athletes went, no government officials or ministers were in atten-

In response to the diplomatic boycott and accusations of human rights abuses in Xinjiang, China's Foreign Ministry spokesperson Zhao Lijian stated in a press conference on December 7, 2021, that the "alleged" Uyghur Genocide does not exist and the treatment of Indigenous Americans in the United States is "the real genocide."

Zhao also urged the United States stop politicizing the Olympics. When asked whether China will boycott future Olympics hosted by the US, he said the US had "lifted stone and crushed its foot by destroying the foundation of co-opera-

tion between the two countries." On February 22, 2021, the Canadian House of Commons passed a motion that. declared that the treatment of Uyghurs and other Turkic Muslims is genocide by the People's Republic of China with

The Ambassador of China to the United Kingdom denied human rights abuses against the Uyghur minority in Northwestern China after being shown footage of shaved and blindfolded people being escorted to trains in a BBC interview in 2021.

In 2018, the United Nations human rights panel stated that it had received credible reports that 1 million Uyghurs in China are held in "massive internment camp[s] that is shrouded in secrecy."

Beijing implemented the National Security Law in Hong Kong in 2020, bypassing the local legislature, in response to the pro-democracy protests. Since then, lawmakers and activists were arrested for "subverting the state" while news outlets have been raided and shut down with their former seniors also ar-

The law grants ambiguous powers to the governments and law enforcement bodies of both Hong Kong and China. Offenders could be sentenced to a maximum of life imprisonment for crimes of succession, subversion, terrorism, and collusion with foreign forces.

Cases could be sent to mainland China for trial by a new Beijing-established security office in the territory, which has its own law enforcement personnel that is not under the local authority's jurisdiction. Judges will be appointed by the Chief Executive of Hong Kong to hear

national security cases. Court cases in Hong Kong have been opened to the public and journalists to attend, but cases related to the new law could be heard behind doors. This law applies to every one including those outside of Hong Kong's jurisdiction and non-residents.

At the opening ceremony of the Beijing Olympics, a Dutch reporter was dragged away by security guards during a live broadcast. Game participants and journalists are confined to a "closedloop" during the games as part of the COVID-19 measures.

Human rights activist groups, including Amnesty International and the Canada Tibet Committee, have shown support to the diplomatic boycott, stating that the decision "is a blow to the impunity of the Chinese Government." The Uyghur Human Rights Project "hail[ed] the U.S. diplomatic boycott as a strong message that genocide will not be accepted by the international community. Other groups stated that while the diplomatic boycott is a "positive step", it is "not enough."

A piece by the New York Times stated that the move by former US President George Bush to attend the 2008 Beijing Olympics gave legitimacy to the country which was engaging in crackdowns in Tibet and that the next step after a diplo matic boycott of the 2022 games should have been pulling out sponsors.

Welcome to the "Metaverse" **NEWS REPORT** by Teresa Chen (11) and David Zhang (11)

Following Facebook's recent name change to "Meta", the metaverse has become a hot topic in regards to the future of the internet. Major companies including Microsoft and Meta (Facebook) have already announced to the public what their visions of the metaverse will look like—each a different approach to a potentially big industry.

The term metaverse first appeared Neal Stephenson's 1992 science fiction novel Snow Crash. The book describes metaverse as a virtual reality space accessible by users through individual terminals such as VR headsets. It acts as a digital place where people can interact without affecting the real world. The concept of experiencing life in a digital world is not a new idea, and popular films such as Ready Player One and Sword Art Online (SAO) have already

offered their own interpretations. What is Meta's vision of the metaverse? Surprisingly, Meta's vision is not much different from common depictions in science fiction literature and media. Users will be able to use virtual reality (VR) or augmented reality (AR) and interact with friends and family

Some people believe parts of the

is a new step in the evolution of technology. The metaverse—regardless of what it may look like- will likely be a significant aspect of our future digital lifestyle or as Mark Zuckerberg says, it will be "the successor of the mobile internet."

Video games such as Roblox, Minecraft, and The Sims have existed for over a decade—all of which simulate a virtual world for players to live in. The only difference between these games and the metaverse is that the metaverse will feel more four-dimensional and real than current models.

However, with gaming being the nber one addiction amongst teens, health experts pointed out the risk that the metaverse—a parallel world with no boundaries— could mentally destrov vulnerable populations. Addictions to digital technology have been linked to anxiety and depression, and with the metaverse encouraging its users to be even more socially isolated, this could worsen those side effects. Since users will most likely be spending most of their time indoors whilst in the metaverse. vitamin D deficiency is also a potential

The metaverse will be a world built on reality with digital modifications. For metaverse already exist and have exist- example, if users want to play table tened for many years, while others believe it nis with their friend, but are not in close

can log into the metaverse and use a virtual table as well as virtual balls and paddles to play. It is also entirely possible to incorporate real objects and have only certain elements be virtual. The metaverse will display the user and their friend on the interface, along with all the virtual elements, allowing for a live game and real time communication. This is only a portion of the possi-

physical proximity to each other, they

bilities in the metaverse though. From attending virtual school to exploring the Sahara Desert, anyone can go anywhere with a click of a button. Schools will be able to offer virtual field trips, allowing students to travel back in time to learn about various historic events, or allow them to fly to outer space and learn about the solar system. Families can sit in their living room and take a vacation to Hawaii, or visit their relatives who live across the globe. The opportunities are nearly endless, permitting anyone with access to the metaverse to do as they would like in the reality-based virtual

The metaverse will also incorporate the usage of cryptocurrency. Users will be able to play cryptocurrency games similar to Axie Infinity where players buy, train, and trade NFT Pokémons each registered on the Ethereum blockchain. With the least valuable Pokémon characters worth 100 USD, players have amount of money from the metaverse Since cryptocurrency is a decentralized form of currency, third parties like the bank will no longer be involved.

Impact of the Theranos Ruling on Tech Startups **ANALYSIS** by Max Von Dehn (10)

Imagine a world where you could test for anything between cholesterol levels or antibodies, with a single drop of blood in an instant

In 2014, Theranos, and its founder Elizabeth Holmes, were prepared to lead the medical industry into a new era. Dubbed the "iPod of healthcare", Theranos planned to release technology that would forever change blood sampling. Theranos claimed it was able to run hundreds of tests on a single drop of blood, and at a lower price than conventional systems, making the entire system more efficient.

Compared to the technology at the time, which required large amounts of

blood, and could only test for a couple factors at a time, it was sold as miracle technology.

Theranos was founded in 2003 by Elizabeth Holmes at age 19, while she was still attending Stanford University, although she quickly dropped out to pursue Theranos full time. The core of her breakthrough at Theranos was their Edison machines, which were the machines that were claimed to run over 100 tests on a single drop of blood.

The company received massive support in its opening years, starting out in a basement back in 2004, to being valued at \$9 billion in 2014.

However, Theranos was not the sil-

ver bullet for healthcare it promised to be. Looking back, many experts have realized that the idea of running hundreds of tests on a single drop of blood is impossible. "There just aren't enough molecules there," stated Paul Yager, a

liagnostics developer and researcher

at the University of Washington in Seat-

tle in an interview with Nature.

In 2015, John Carreyrou of the Wall Street Journal released an article that opened the floodgates against Theranos. The article stated that Theranos's Edison machines were only being used for 15 of the 260 tests that Theranos offered, as they were unfit to run the rest consistently. Theranos employees were

instead told to use machines purchased from other companies to run tests. The article came alongside several FDA tests that found Theranos's testing to be very inaccurate, adding to the public turn against Theranos.

Finally, in 2018 Elizabeth Holmes and Theranos were charged with "massive fraud," with Theranos going defunct in September of that year. As of December 2021, she has been convicted of four of the 11 charges against her, and is facing the possibility of nine

The shadow cast by Theranos will cover the future of the public tech sector for a while. Once touted as the the sector very unwilling to change. future of the medical industry, it is a While to many on the outside, Therastark reminder that not everything can nos remains a reminder about betting be trusted. From now on, medical tech on miracles, within the tech sector's startups will face far more scrutiny, and echo chamber, it seems not much has most likely be pressured to share their been learned.

However, even the cautionary tale of Theranos will not dampen the entrepreneurial spirit of the tech industry for long. Much of the tech sector thrives on creating exciting ideas, and overselling for the hope of investment. Investors on the other hand, while they might keep Theranos in mind, will continue to take gambles, hoping to get lucky.

to the bank account of investors, but more importantly jeopardized the health of many unsuspecting patients. There exists a complacent feeling within the tech sector, one that makes

NEWS REPORT by Hannah Azad (12)

VACCINE INEQUITY: The biggest obstacle to ending COVID-19

The inequitable distribution of COVID vaccines has been a leading concern of the World Health Organization ('WHO') since rollout programs began in late 2020. The WHO suspects that if vaccines were distributed equitably. all health workers and seniors-two groups that are most vulnerable and frequently exposed to COVID-19-would be vaccinated across the world. However, upper-middle and high-income countries have received a disproportionately higher percentage of the COVID vaccines than low-income countries.

"Vaccine inequity is the world's biggest obstacle to ending this pandemic and recovering from COVID-19," Director-General of the WHO, Tedros Adhanom Ghebreyesus warned, "The longer vaccine inequity persists, the more opportunity this virus has to spread and evolve in ways we cannot predict nor prevent. We are all in this together."

The WHO announced in early 2021 that they aim to have 10 per cent of every country's population vaccinated by September, 40 per cent by the end of the year, and 70 per cent by mid-2022. 56 countries failed to reach September 2021's goal, and the statistics continue to fall short of

US Supreme Court Justice Stephen

Although United States Law has no

One week ago, on Friday, February

25, Judge Ketanji Brown Jackson was

nominated to the Supreme Court of

the United States — set to be the first

Black female Justice in the court's 233-

States ("SCOTUS") is the highest court

in the federal judiciary system and

The Supreme Court of the United

After nearly 28 years serving on the

Court, it was anticipated that Justice

Brever would resign before the Court

takes its summer recess, either in late

June or early July. Justice Breyer had

jurisdiction over Canada, the effects of

American case law and legal tradition

on Canadian iurisprudence have been

Brever announced his retirement from

the Court on January 27, 2022.

noted throughout history.

year history.

houses nine justices.

the organization's initial plans According to the Global Dashboard for Vaccine Equity, 68.18 per

cent of wealthier countries have been vaccinated with at least one dose, while only 12.11 per cent have in low-income countries as of February 9, 2022. WHO also reported that poorer nations have received only 0.6 per cent of the 8 billion shots that have been administered internationally A contributing factor to this in-

equity is "vaccine nationalism." This phenomenon refers to the tendency of vaccine-producing countries to restrict distribution to other nations, "No coun try can boost its way out of the pandem-"Tedros emphasized in a press briefing in December 2021, later adding, "vaccine nationalism will prolong the pandemic, not shorten it." Additionally, the cost of COVID

vaccines are high in comparison to other vaccines, reducing its accessibility to certain countries. The United Nations Development Programme reported on their Data Futures Platform that the vaccines are an average of \$2 to \$40 USD per dose, with a unit delivery fee of approximately \$3.70. WHO has ex-

At a February 2020 debate, then

"The person I will nominate will

candidate Biden promised to nominate

the first Black woman to the Supreme

Court, and this year, while honouring

Justice Brever's retirement, he reiterat-

be someone with extraordinary quali-

fications, character, experience and in-

tegrity. And that person will be the first

Black woman ever nominated to the

United States Supreme Court," Biden

stated at the White House on January

27, 2022. "It's long overdue in my view. I

made that commitment during the cam-

paign for president, and I will keep that

three Black female jurists speculated

as potential nominees: Judge Ketanji

Brown Jackson, Justice Leondra R

Kruger, and Judge Michelle Childs.

She is currently serving on the US

Judge Jackson was among the

First Black Woman Nominated to

US Supreme Court

NEWS REPORT by Jessica Kim (12)

plained that low-income countries must increase their healthcare budget by 30 to 60 per cent in order to vaccinate 70 per cent of their population, while high-income countries are only expected to increase theirs by 0.8 per cent to achieve the same vaccination rate.

Experts fear that if COVID vaccine

inequity persists and the pandemic

draws out, new strains of the virus

INTERNATIONAL

will arise."Inequitable vaccine distribution...is allowing even more deadly variants to emerge and spread across the globe," the United Nations' ('UN') website reads. This inequity also presents severe economic issues throughout the world. The UN expects low-income countries to feel the negative economic effects of

come countries are generally predicted to return to pre-COVID economic conditions by the end of this year. To help mitigate vaccine inequity, the United Nations Children's Fund ('UNICEF'), with help from Gavi, The Vaccine Alliance, WHO and CEPI created COVAX, an abbreviation for COVID-19 Vaccines Global Access. This

initiative is dedicated to accelerating the

her meticulously detailed decisions,

Jackson has had multiple high-profile

rulings over her eight years on the Fed-

Court for years to come, as she is cur-

rently 51 years of age. Though she will

certainly bring fresh perspectives to

the court, in the short term her impact

the Court will not be altered with the

appointment of Brever's predecessor.

The current make up of the court as

six conservative Justices nominated by

Republican presidents and three liberal

Justices nominated by Democrat presi-

dents will remain, as Breyer, one of the

Court's liberal Justices will be replaced

White men have sat on the Supreme

Court, but the addition of more diverse

Iustices has led to material changes in

first justice of colour, Justice Thurgood

Marshall, the Court narrowly found

certain applications of the death penal-

ty to be cruel and unusal punishment.

For the majority of its history, only

In specific, after the addition of the

by Jackson, another liberal Justice.

the lives of Americans.

The basic ideological balance of

eral District Court.

may not be tangible.

Known in the legal community for

Jackson is expected to sit on the

COVID until 2024. Meanwhile, high-in-

distribution of COVID vaccines, and en suring they are accessible to countries "based on need and not purchasing pow er." They aid in the distribution to 80 per cent of the world's population. Wealthier countries, including Can-

ada, the UK and Japan, have pledged to donate money and vaccine doses to low-income countries through the initiative. The US has contributed the most, donating \$4 billion and having shipped 235 million of the 1.1 billion doses that they pledged. "To beat the pandemic here, we need to beat it everywhere,' US President Joe Biden said at the Global COVID-19 Summit in September of

However, the public has criticized COVAX for being slower in its distributions than it has claimed it would be Upon its creation, COVAX stated that they would provide two million doses internationally in 2021. By January 15, 2022, COVAX had only supplied their billionth dose, one-half of the amount they initially predicted they would supply, and approximately one-fourth of the 4.6 billion doses previously purchased by high-income nations, as reported by Duke University.

applicants by the Court, following the

inclusion of two women on the court:

Justices Sandra Day O'Connor and Ruth

Bader Ginsberg. The only person of co-

lour on the court in 2002. Justice Clar-

ence Thomas, wrote in a famous ruling

that cross burning was reminiscent of

States has a notable impact on the Ca-

nadian legal system, so though rulings

from SCOTUS do not directly alter Ca-

The Supreme Court of the United

the Klu Klux Klan's "regin of terror."

Over the past two years, the COVID-19 pandemic has been com posed of not just one strain, but rather multiple different mutations.

HOW COVID

MUTATES

CREATING

VARIANTS

NEWS REPORT by

Jeffrey Chan (9)

BRAIN LIGHT/ALAMY

These COVID mutations have caused problems in the healthcare sec tor due to the varying effects of each strain. Some can transmit through people who are vaccinated, and others have a much higher infection rate than the original strain. This becomes a major issue if the healthcare system is not adequately equipped.

Most viruses are reliant on infecting hosts to survive and further replicate itself: COVID-19 is not an excen tion. The virus enters the human body binds itself to the cells, and forces the cells to create more of the virus. During this process, when the genetic code gets translated into proteins, the code can sometimes change, causing mutations. The probability of this happening s much greater with a highly-contagious virus such as COVID, hence the rise of various mutated strains.

When scientists work to develor nadian Law, they often do so indirectly. vaccines, they account for potential A June 2020 paper examining the mutations that the virus could underrelationship between Supreme Court go. Examining COVID in particular, of the United States and Canadian juristhe vaccines distributed have been prudence by Eugene Meehan, the sigthoroughly tested against many possinificant number of references to SCOble variations. This allows the vaccine TUS decisions made by the Supreme to provide a general protection against Court of Canada ("SCC") is explored. future mutations. The paper details that "[a] search of

However, with the current two

S.C.C. decisions dating back to 1877 most recent, prevalent COVID muta-(approximately 11,000) reveals that tions, the Delta variant and Omicron Canada's top court has explicitly menvariant, the vaccine can only negate so tioned the Supreme Court of the United many of the effects. The Delta variant according to the Government of Canada's official COVID webpage, is 50 pe cent more transmissible compared to the virus identified at the start of the pandemic, and has an impact on vaccine efficacy. Individuals who are vac cinated can still get infected by the variant in what is known as a breakthrough infection, and can spread the virus to others. Similarly, the Omicron variant can infect despite the vaccine, though the severity is reduced. However, it is far more contagious. Additionally, the Omicron variant can reduce the effectiveness of some antibody treatments.

States in at least 267 decisions." It goes on to note that these references were made across a variety of areas of law. The paper notes that although not referenced as frequently as the Supreme Court of the United Kingdom, "the SCC has consistently cited, FAST FOOD IN THE MODERN AGE

> In the spring of 2021, Ontario expe rienced a spike in COVID cases, with over 60 per cent caused by mutations, specifically the B.1.1.7 variant, or the Alpha variant. At that time, vaccines online for upwards of \$50. Prior to the were not widely available across the BTS Meal, McDonald's had created country. Ontario saw a rise in hospitalthe Travis Scott Meal and the J. Balvin izations amongst the younger generations, as well as a higher mortality rate. In the past three months, the Omi-

cron variant has started to overwhelm healthcare workers across the world In January 2022, Canada had broken its one-day record for most hospitalizations attributed to COVID-19. In the United States around the same time COVID hospitalizations reached a record high of 132,646, according to a Reuters tally conducted that month.

Large surges of COVID cases are difficult for hospitals to handle, especially considering the shortage of space, nurses and doctors. According to interviews conducted

by NowThis News, healthcare workers across the US report that many of their colleagues have reached their breaking point with this pandemic, quitting their jobs, putting even more pressure onto the remaining workers. This spirals into circumstances difficult to control which is how the emergence of variants can quickly overwhelm healthcare sys-

PLEASE RECYCLE 🛟

been facing political pressure from the Court of Appeals for the Columbia Cir-In 1996, the last male-only US public university, the Virginia Military Instileft to retire while a Democratic Presicuit, in past having clerked for the retirreferred to, disagreed with, and even dent, Joe Biden, was in power. ing Justice Breyer. tute, was required to accept female actively endorsed SCOTUS Opinions."

ANALYSIS by Erika Chung (12)

Turn a corner on a major street, Restaurants Canada, one of this year's tional Research Council Canada. This non-fans alike trying the meal. The and a McDonald's, Tim Hortons, or food trends include increased ingre- is artially fuelled by consumers' desire BTS Meal gained so much popularity Starbucks will undoubtedly be present; dient awareness, among other trends to eat more environmentally-concious that the takeaway bags were being sold fast food chains are a ubiquitous sight. According to Statistics Canada, the nearly \$30 billion industry boasts a national average of 10.3 fast food restau rants per 10.000 people.

To understand the current fast food market, it is important to cover the history of fast food in Canada. Many of World War II's innovations bled into the civilian world, and innovations in food were no different. "Time-insensitive food", which could be stored for long periods of time before being prepared for consumption, was developed by scientists in collaboration with the military. This led to a food system that was mass produced and shelf-stable.

Following these changes to the North American diet, the 50s and 60s brought fast food chains to the forefront. Improved highway systems encouraged an "on-the-go" lifestyle, creating the need for filling food that could be produced at a moment's notice.

The consumer values from the 50s and 60s of quick, easy, and accessible food are being eclipsed by a greater movement towards healthier and more balanced alternatives. According to

such as contactless pick-up, environmentally-conscious packaging, and prepared meal kits. Thus, attitudes towards and fast

food are changing. In 2017, Health Canada considered implementing a sweeping ban on all unhealthy food marketing to children under 17. Ultimately, the bill proposing this ban did not receive royal assent. However, this proposal marks one of many recent pushes by government officials to inscribe fast food deterring policies in legislation. Ontario's Healthy Menu Choices Act (HMCA), requiring all restaurants to include nutrition information on their menus, is one such example.

Fast food chains have adapted to both legislative pressure and the demands of the current consumer mar-

A&W, Burger King, and KFC have embraced plant-based alternatives. Partnerships with the meat substitute brands Impossible Foods and Beyond Meat have been the focus of new food campaigns. The meat substitute market is projected to grow by 14 per cent annually, according to analysis by the Nafood, as animal agriculture accounts for the same GHG (greenhouse gas) emissions as the fuel burned by the world's transport vehicles.

In an effort to appeal to younger generations who did not grow up in the "golden age" of fast food, fast food chains are enlisting celebrities to sell their products. The benefit of these collaborations is not only profitable for companies, as fans are able to easily connect with their favourite celebrities whilst on a budget. In the 50s, 60s, and 70s, mascots

used to sell fast food were popularized. This perhaps masked the unhealthiness of fast food, as consumers associated the brand with a certain figure. Today, celebrity endorsements provide a similar effect.

McDonald's BTS Meal marked a significant change in fast food marketing. The K-Pop band created a curated combo composed of chicken nuggets, two exclusive sauces, fries, and a drink all wrapped up in a custom purple takeaway bag. The meal sold out in numerous McDonald's internationally and went viral online, with fans and

Justin Bieber famously collaborated with Tim Hortons to create "Timbiebs" three unique Timbit flavours available for a limited time. Tiktok superstar Charli D'Amelio professed her love for the coffee chain Dunkin' Donuts on social media. It came as no surprise when she announced the "Charli", her signa-

129 million followers at the time. Fast food companies have also begun to recognize the power of indirect marketing. With the Travis Scott Meal. a trend began where people would post a video of themselves playing "SICKO MODE" at a drive-thru.

ture drink now sold at Dunkin', to her

In an interview with the New York Times, Frances Fleming-Milici, a director at the University of Connecticut's Rudd Center for Food Policy and Health, explained that "young people become these unintentional marketers," since "companies don't have to pay for that organic content and all the TikToks that people make."

THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022 THE GRIFFINS' NEST, FRIDAY, MARCH 4, 2022

OPINION

"The Empire, long divided, must unite! Long united, must divide. Thus it has ever been." So opens the Romance of the Three Kingdoms, one of the great classics of Chinese literature. The saying refers to the tendency of the Middle Kingdom to remain united under Imperial governance for centuries before falling into chaos until a new dynasty emerges. For over seven decades, since 1949, China has been united under the stewardship of the Communist Party, For the first thirty years, China suffered from purges, famine, and repression. But, after the death of Mao Zedong, his successor Deng Xiaoping began a series of reforms designed to liberalise and open up Chinese society, ushering in an era of unprecedented progress, growth, and expansion. In recent years, under the, as I argue, incapable leadership of President Xi Jinping, many of these reforms are being rolled back. The Chinese gov ernment, once wishing to build bridges with the West and foster cooperation, is now burning them, aggravating tensions and discrediting itself in the eyes of the international community. The West views China as an existential threat. I argue that while a threat, China has already sown the seeds of its own decline, and its assault on the democratic, free world will be ephemeral.

There are three main arguments to back this somewhat unpopular claim. First, demographics, second, economics, and third, foreign policy. I argue that the one-child policy has permanently damaged China's ability to maintain a stable working population and combined with a lack of immigration, China's future as a superpower may be in doubt. China's economy is built upon some of the greatest public debt found in any large nation around the world, vulnerable to interest rate hikes by the other major economies. China's economic policies are increasingly driving away foreign investment and causing major slowdowns domestically. Finally, China's foreign policy is uniting the neighbouring states against them and causing the West to be far more cautious and wary of Chinese encroachment.

A Demographic Crisis

In 1979, the Chinese government introduced a new policy to combat a rapidly-rising population: the one-child policy. This policy was designed to slow China's population explosion, and it worked like a charm: China's birth rate plummeted from 2.75 children per woman to 1.62 children per woman in 2016, when the policy was changed to a two-child policy. In 2021, the limit was lifted to three children. A clear issue had emerged: China's population was ageing rapidly. Population

ALY SONG/REUTERS A CONTRACTOR OF THE PROPERTY O

Is the Dragon Starting to Fall?

Why China's Rise is not as Inevitable as You Think

OPINION by Ellis Jackson (11)

growth had slowed, and by 2021 when China conducted its most recent census, the growth rate was down to a snail's pace of 0.53 per cent. This presents nunerous challenges. In other developed nations, such as Germany and Japan, who are experiencing similar issues, the workforce has begun to shrink while the costs relating to the elderly like healthcare and pensions have steadily ticked upwards. Economic growth has slowed dramatically, and many of these ageing economies are lethargic and stagnant, burdened by low tax revenues and high social spending costs.

China's recent changes to the policy of limiting childbirth have not improved the situation. High living costs, a highly competitive and time-consuming work culture, and a lack of desire among families to have more children have resulted in a very low rate of population growth. This demographic crisis is further exacerbated by the fact that China is losing over 1.7 million people a year to emigration, according to the World Bank.

All this endangers China's future economic prosperity and progress, especially considering China has not been able to enter the ranks of high-income economies such as those found in the West. The Chinese government has promised to improve social services to incentivize childbirth, but some academics, such as Yi Fuxian of the University of Wisconsin, a researcher of obstetrics and gynaecology and longtime critic of family-planning

It's the Economy, Stupid

A second problem China is facing is its mountain of debt that has funded its rapid economic expansion over the past decades, According to Reuters, China's national public debt currently sits at over 250 per cent of GDP, a very worrying figure. Generally, the "raw" amount of debt is not as significant as the debt-to-

GDP ratio, which is more indicative of

the health of the economy. Examine private debt, and it looks just as concerning, with the figure worth over 210 per cent. of GDP. Should interest rates rise, as the U.S. Federal Reserve, Bank of Canada, Bank of England, and other central banks have indicated they might, China could be in trouble debt-wise, burdened by payments on their loans, both at the level of households and businesses and at the level of governments. At the World Economic Forum in Davos in late 2021, President Xi Jinping pleaded with the Federal Reserve, the U.S.'s central bank, saving, "If major economies slam on the brakes or take a U-turn in their monetary policies, there would be serious negative

China's economy is also slowing down, regardless of the public debt. Rising expenses and weak revenues for businesses, caused by inflation and reduced consumption, has resulted in the fall of millions of small businesses. This is a pressing concern, as China's economy is highly dependent on the private sector for employment and economic output. The costs of starting a business in China were already quite high, and so this largescale closure of businesses could be det-

rimental to the future economic health of

Real-estate development and construction, a major industry representing approximately 25 per cent of China's economic output, has slowed down drastically as the burden of heavy borrowing and speculation come to bear. China's government is effectively stuck, as attempting to break the bubble to reduce the cost of housing in China could be detrimental for the industry, while doing nothing could result in an increasingly unaffordable housing market. Many development companies, such as the real-estate giant Evergrande, have run into financial difficulties, further exacerbating the prob-

Historically speaking, when dictatorial regimes lose the ability to improve the standard of living for their citizens, the people become dissatisfied and more prone to unrest and rebellion. China runs the risk of allowing its economic slowdown to bring about damaging political and social implications. This plays a role in inhibiting China's ability to look at a fu-

The third major problem facing China is the increasingly broad diplomatic coalition that is rallying against her, due primarily to a highly abrasive and aggressive foreign policy style sometimes referred to as "wolf-warrior diplomacy."

Wolf-warrior diplomacy is a new and highly aggressive form of diplomacy, with the Chinese Foreign Ministry often making use of social media to "defend"

The beginning of The Amazing

ture of assured stability and peace.

A Failure of Statecraft

also been aggressively expanding in areas such as the South China Sea and encroaching on Taiwanese sovereignty, and assaulting those who call them out. China's new diplomatic stance is best exemplified by Zhao Lijian, the spokesperson for the Chinese Foreign Ministry.

China's honour against Western powers.

Chinese diplomats will make controver-

sial statements, insult foreign leaders,

and aggressively assert China's moral

superiority over other states. China has

He, for example, suggested that the Unit ed States may have planted COVID-19 in Wuhan, a statement insulting to the U.S. government. He has been perceived by much of the foreign-policy establishment as spearheading the shift to the wolf-warrior style. The aggressive actions of the Chinese government have often accompanied the new rhetorical tactic, such as when Vietnam protested after a Chinese maritime surveillance vessel allegedly rammed one of their fishing boats in the South China Sea, and China stated that Vietnam's claims were "illegal" and then promptly renamed over 80 islands and other bodies in the Sea. While not a direct violation of international law, it was a major assertion of China's power and deeply insulting to the nations impacted.

A significant consequence of China's new diplomatic strategy is that it has ushered further cooperation among those who stand against it. The United States, European Union, India, Canada, and the United Kingdom, among others, have stood together on the issue of the People's Republic's actions on the international stage, resulting in China becoming broadly diplomatically isolated and lacking in powerful allies. The Quadrilateral Security Dialogue (the "Quad") an alliance of the United States, Japan, Australia, and India, is a good example of Chinese statecraft gone wrong. The informal coalition aims to promote security in the Indo-Pacific and combat China's rising influence in the region, and has become increasingly significant as China has pushed these nations away, whether it be through trade conflicts with Austral ia, skirmishes with India, and aggressive rhetoric with America.

China is a nation that has been dealt an excellent hand. A massive population a vast economy, and enormous potential it could be a great power in the world for decades to come. However, through its own poor policy choices, it is throwing that all away, destroying its potential for population expansion, establishing a large, but fragile economy, and angering and driving away much of the world. It could have been great, but now, it would seem, the Empire, long united, must di-

caught up in a scheme he organized to make himself famous. It turns out that he was a fraud (thank god because we don't like Jake Gyllenhall) and wanted to take over the whole world. If I'm being 100 per cent truthful, this movie was not good. It was better than Homecoming but the fact that Jake Gyllenhall is one of the main characters makes it awful. How ever, it's great that we get to see more of MJ showing her true self. One part of this movie that was probably the best out

Spider-Man: No Way Home (2021) is currently the sixth most grossing movie in all of history, making almost \$2 billion at the box office. In this movie. Peter is left all alone without parents. Tony Stark is dead and the whole world hates him. He tries to fix everything, and, well, it doesn't work His attempts involve him tampering with the multiverse, which results in all of the Spider-Mans, including Tobey Mcguire and Andrew Garfielf, having a family meeting. Everything about it is amazing. It features all of the Spider-Mans and the

end-credits song is amazing. In summary, yes, the Spider-Man movies are definitely worth all of the attention they get. I cannot imagine the world without the Spider-Man movies without Spider-Man is absurd to think

Video Game Sound Design is Underrated.



OPINION by Nigel Goto (10) and Max Von Dehn (10)

grown massively across the first two decades of the century, having be-As the technology and passion for video games has grown, many aspects of games have become underappreciated. However, of everything that makes up a video game, nothing disappears into

the background like sound design. Sound design is the backbone to a player's experience, encompassing all audible aspects of video games, from soundtracks, to voice acting, to footsteps. While ray-traced graphics may frontline a game's release, the sound design also significantly impacts the enjoyment of a game, if not have a greater impact. Poor sound design makes even the best paced games crawl along, distorting the intended feel. Despite this, sound design exists as a second thought for many players.

Effective sound is an incredible aid in creating a game, one of the most versatile in a designer's toolkit. It can create grandiose moments and make a world feel alive. It allows a game to intensify a player's emotions, improving all aspects of a game, from the smallest details, to overarching thematic mo-

One place where sound design shines is in creating atmosphere. Sound design fills the void of an empty world, allowing it to feel truly alive. One example is the indie game Subnautica, released in 2018 by Unknown Worlds Entertainment, which throws the player on an alien ocean planet, forcing them to survive and explore the diverse world. An element of Subnautica's soundscape that stands out, and shows sound design at its finest, is its soundtrack. Composed of electronic sounds flowing in and out like the ocean's currents, it reinforces the intended alien atmosphere.

However, the greatest use of sound design in Subnautica comes in how it creates the terror and curiosity that the game is known for. While the visuals build terror by hindering the player's vision, it is the sounds in the distance, distorted by the water, that create Subnautica's excellent atmosphere. The distinct presence at a distance. The the player aware of their surroundings. with currents swirling around the player, and the vehicle's low hums distorting through the water.

SuperGiant games' Hades, is another game that utilises sound to enhance its game Some of Hades' best components are the brilliant voice acting and immersive sound effects, each enhancing Hades' strongest points: its fluid gameplay and outstanding story. However, what elevates the player's experience the most throughout the game is the soundtrack. Unlike most games, Hades' soundtrack, composed by Darren Korb, focuses more on combrilliance, which ends up working to its benefit. Hades' soundtrack starts pleasant, mirroring the game's slower pace. However, as the player progressintense tracks, each emphasising the growing intensity of the game. Music is often used to intensify challenges undervalued masterpiece.

The video game industry has as it does in Hades. It is an integral to many games, such as the popular indie games Cuphead and Undertale, culminating in some of the most iconic boss fights and memorable moments.

One parallel with most old games is the strong sense of nostalgia that comes when looking back on them. One of the key reasons it feels so strong is often rooted in the game's sound design. Almost everyone has strong memories of music from their past, and video game soundtracks are no different. Unlike the graphics of a game, sound design can bring a player back to their initial experiences, delving into the game and their past life. Some games that are prime examples of this are Mario Kart Wii, and Minecraft; their distinctive sound design echoing back to a player's first memories of the game.

Mario Kart Wii is a great example of how sound design works to improve all types of games, not just story-driven, atmospheric pieces. Mario Kart uses its sound design to enhance its unique experience; that of an upbeat, chaos-filled racing game. Tracks such as "Coconut Mall" feature a bouncy tune, that upon reaching the final lap, speeds up, building the intensity for the final stretch.

All the tracks in the game contain memorable songs that fit the game perfectly, having become synonymous with Mario Kart. Even the projectiles from Mario Kart can bring back strong feelings, such as the alarming sound or a blue shell ruining your race.

One of the smallest sound design tricks that Mario Kart uses to complete its experience is adding the Doppler Effect into the game

The Doppler Effect is a natural enomenon responsible for sounds increasing in pitch as they approach and decreasing in pitch as they move away. This sound is very often associ ated with cars and speed, so it is right at home in Mario Kart. It is one of the best examples of sound design used well, as it is a nearly unnoticeable detai on its own but when fitted into the rest of the game, it completes it.

Minecraft is a great example of a nostalgic game, deeply tied to its sound design. It uses its ambient music creatures are a great example, with paired with its immersive yet helpfu creative sound design giving them a sound effects to deliver a calm explorational experience to its player. As the game also uses sound design to keep player explores and expands within the game, they are accompanied by the quiet vet powerful soundscapes of musician C418's soundtrack. This results in a strong association between the game and C418's soundtrack, which causes Minecraft players to heavily connect their time in the game with the soundtrack.

While one of the most difficult aspects of a video game to pull off, sound design is a vital component, utilising its power to reinforce or modify the intended player experience. Sound design's influence stretches even further than the game, creating bigger audiences for the artists, and creating plementing the game than independent memorable moments for games. Ensuring an indestructible bond between video games and their sound design is formed pushes both to their fullest potential. Creating powerful soundtracks es. the music builds into grand and that leave a lasting impression and soundscapes that immerse the player in the game, sound design is truly an

& EATING DISORDERS

THE RISE OF INSTAGRAM

OPINION by Marissa Lear (12)

Teenagers are no strangers to the ositive and negative effects of social media. Instagram in particular has become a platform so integrated into the daily lives of adolescents, that often, its power goes unnoticed. In 2021, over half of Instagram's users were under the age of 34 with the majority of them being females in their late teens, according to Statista Research Department. In 2018, Polaris, a youth mental health care facility in California, recorded that 50 percent of teenage girls and 30 percent of teenage boys in the US exhibit dangerous weight control behaviours including fasting, laxative abuse, vomiting, and over-exercising. These statistics have no correlation

OPINION

on their own, but with 73 percent of American teens saying that Instagram is the top way product advertisements can reach them, experts agree that it is capable of promoting extremely toxic ideals. Research from The Wall Street Journal in October 2021 found that Instagram not only glorifies eating disorders, but promotes this perspective through their algorithm. This confirms the speculations that Instagram is dangerous to those who may be struggling with anorexia, bulimia, and other eating disorders. These findings are imperative as they show that the demographics most susceptible to eating disorders are the ones using the app the most.

One of the most damaging fads found on Instagram is the trend of people showcasing 'before and after' pictures. In some instances, this can be a harmless display of physical progress for athletes, body builders, and others. However, it becomes an issue when these pictures are used alongside captions that encourage unnecessary weight loss and send the message that a slimmer version of oneself is a better version, regardless of what strategies are used to get to that point. The diet and nutrition industry thrives off these images, as they profit from convincing viewers that they can achieve the same results as the person pictured. Some so-called "fitness gurus" on Instagram use this trend to negatively motivate young followers who don't know better to strive to copy their physique. It communicates to youth that this is how they need to look in order to be accepted.

One must look like the "fitness guru" to be the best version of themselves and have the same success as that in-

Spreading messages like this is dangerous. Human bodies do not look the same, regardless of if they follow the same diet and exercise regimen. Before and after photos are just that—a photo. They do not detail the potential ly unhealthy habits used to attain a specific body shape. When they are used to shame followers into striving for a figure that could be unattainable for biological reasons, it can lead to a spiral of low self-worth. If these messages and images are promoted through Instagram every day, it is clear why some teens may turn to unhealthy eating and weight loss behaviours to strive for the With the increase in Instagram's

popularity among adolescents, teens

are constantly exposed to these ideals. Before the rise of social media, eating disorder-promoting content was only found in magazines and billboards Now, teenagers have these billboards in their pockets and on their person 24/7. On average, teens spend five to seven hours on social media per day, according to a 2019 survey from Common Sense Media, with Instagram being the preferred platform. While not all of this time is being spent on Instagram, even 15 minutes of exposure is a sufficient amount for eating disorder omotion. This accessibility becomes hazardous as there is no break for those already predisposed from being bombarded with negative messaging. Diet companies and influencers thrive off of this construct as the social norms on the platform have become extremegeared towards one's physical appearance. Having these narratives displayed constantly numbs young users to the fact that a lot of the messages have hidden harmful connotations. Over time, these beliefs become inher ent due to the consistency of this content, which can then lead to the behaviours that health experts are so worried about Instagram influencing.

Last October, CNN found that Ins tagram's algorithms pushed "accounts promoting extreme dieting and eating disorders" to users that already fol-

lowed diet accounts or other pro-eat ing-disorder accounts, which are not supposed to be on the platform in the

What makes this finding so terrifying is the validation it gives followers who are already battling disordered thoughts relating to eating and weight Not only does it enhance the toxic belief system that causes those behave iours, but it also validates the negative thoughts those teens may be having Pamela Key, a psychology professor a Florida State University, described this concept as 'confirmation bias' as youth are given confirmation through Instagram that their biases towards food and exercise are correct. A Facebook representative claimed that Instagram denied that they were providing access to pro-eating-disorder content, despite there being thousands of posts on their platform under the hashtag "Pro AnaTips"—which is a common abbreviation for anorexia. This displayed their ignorance to health care professionals advocating on behalf of this cause and the millions of youths looking to this company to filter out negative influence

In October 2021, The Wall Street *Iournal* found that for 1 in 3 teenage girls. Instagram exacerbates their body image issues. This sheer amount of power is lethal, and the abuse of algo rithms plays directly into this statistic.

Experts know that Instagram can't cause eating disorders directly, bu it is certainly a contributing factor to developing the habits that lead to this mental illness. The false messaging thrusted upon users, constant stream of these beliefs, and systematic promotion of content targeted to those most vulnerable, show the clear link between this platform and disordered eating. When paired with the simultaneous rise of eating disorders in the specific demographic known to use Instagram the most, which has been founded by numerous scientific researchers, it is clear that Instagram and eating disorders are connected. Society needs to wake up and realize the negative consequences that accompany the power that social media has been given. This dangerously low standard of content is

The Magic of Lin Manuel Miranda's Songwriting **OPINION** by Bianca Takenaka (10)

When Lin Manuel Miranda speaks r writes, the world listens. He is a multi-talented artist who combines two differing topics: hip-hop and revolutionary history. Miranda's skill as a playwright makes him stand out from other Broadway and Hollywood stars.

Born in a Puerto Rican household in Northern Manhattan, Miranda's childhood was immersed in salsa and show tunes. He watched his first Broadway musical, Les Misérables, at seven years old. This made a lasting impact on him. His musical taste consisted of hip-hop and R&B, leading him to become a proficient rapper, evident within his recent work in Hamilton and

"We had a student-written theatre group at my high school, where students would write plays, and then another bunch of students would pick five and direct them. So, I got the opportunity to be produced at 12 years films such as Moana and Encanto. old!" Miranda told CNN, while explaining where his passion for playwriting

and trying to be an artist? I might be doing a totally different thing if that club hadn't existed." Miranda said. In 2009, Miranda read a biography

written by Ron Chernow following the life of Alexander Hamilton. He associated Hamilton's life with his own, noting their similar origins in the Caribbean and New York. He connected the beginning sentences of Hamilton's biography to basic structures of rap music.

"After that, I decided I had to write this play," stated Miranda for *Vanity* Fair. "Hamilton literally wrote a verse to get him off an island- He transcends the struggle, and if you look at your favourite rapper, that's most likely what they did."

Miranda states in an interview with Rotten Tomatoes about Hamilton's "My Shot", "there's a lot of references in there. There's Mobb Deep in 'I'm only 19 but my mind is older', the 'A-L-E-X-A-N-D', that's Biggie's 'N-O-T-O-R-I-O,' so I'm grabbing from the influences and paying homage to [them].

"I'm literally calling on the ancestors of this flow. The 'woah', is based on the AOL startup dial up octave because I wanted it to feel like... [Hamilton's] words are connecting with and reverberating out into the world, and I associate that with the first time I signed onto the internet."

Along with Hamilton, he also transferred his hip-hop and rap interests into

In the same interview for CNN Miranda describes his unusual and somewhat bizarre writing process. "I'll record just enough of [the music] to certainly didn't "throw away his shot."

get a loop, and then I'll go off and talk to myself and I'll just figure out the lyr ics as I'm walking the dog or washing the dishes.

"When I'm composing, I'm acting When I'm writing "How Far I'll Go". I'm Moana. I'm Moana until I figure out what Moana needs to say and when say it the right way I write it down."

Miranda took a personal route writing "How Far I'll Go." When discussing the nostalgia for his family inspiring Moana's feelings in the song, he remarked, "Mom and dad, I'm coming to stay the night' because- I think that helps. I am an actor before I'm a writer and sitting where I was my angstiest and my tiniest unlocks that for me."

Miranda also connected his personal life to "Surface Pressure" in Encanto "That song is my love letter and apology to my sister for having it easier. I watched my sister deal with the pres sure of being the oldest and carrying the burdens I never had to carry. I put all of that angst and all of those moments into Luisa.'

His family was Miranda's main inspiration for "We Don't Talk About Bruno". "The first verse is with Tia Pepa and Felix, and it's about who was telling the story. That's my parents, that is my dad. Luis Miranda, on screen."

Lin Manuel Miranda has spent his life trying to make an impact in musical theatre, as well as creating Black and Latino representation on Broadway and Hollywood through massive hits like Hamilton. Based on the melody of "My

PLEASE RECYCLE 🛟

ARE THE SPIDER-MAN MOVIES WORTH ALL THE ATTENTION?

OPINION by Tiffany Adams (8)

erations alike. From 1962 when the first comic was made, to 2021 when the latest Spider-Man movie came out, it has been admired by billions of people. The entire franchise has accumulated over \$36 billion at the box office after its debut. People may find themselves wondering, "Is watching all nine Spider-Man movies worth my time?" Well, all nine movies combine to be around 753 minutes long. and if I am correct, that would be a lot of time spent watching a teenage boy fight

Spider-Man (2002) is a great film for young and old alike. The movie is about a teenage boy living in New York in the year 2001. He gets bitten by a radioactive spider which makes him develop superpowers that he uses to help keep the citizens of New York safe. This movie birthed a line of iconic actors and movies. It was immensely captivating. There were many climactic moments that had me invested and wanting to watch more. Although the movie was magnificent overall, the animation was not great. Some scenes looked as though you were playing Fortnite on a microwave. Many great quotes came from this movie, in-

Spider-Man is loved by many gen- cluding "With great power comes great responsibility" and "The end of one thing, is the start of something new." I recommend watching it if you are searching for an action-romance movie or if you want to understand the plot leading up to Spider-Man No Way Home. Watching Spider-Man 2 (2004),

> I cried three too many times. The movie addresses Peter's financial adversity, his struggle to balance being Spider-Man and a student at a top university, and of course, the crisis he faces when his idol turns into a crazy octopi made out of steel. I do not remember why I cried three times watching the movie, but I think it was because of the strong romance between Peter Parker and Mary Jane Watson (MJ). A quote that absolutely made me bawl my eyes out was "I believe there's a hero in all of us that keeps us honest, gives us strength, makes us noble, and finally allows us to die with pride even though sometimes we have to be steady and give up the things we want most, even our dreams." The amount of hope that this sentence instils within me is gratifying. You should watch it if you want to cry or to prepare yourself for Spider-Man: No Way Home ('NWH').

In essence, Spider-Man 3 (2007) is just about Peter failing to acknowledge MJ and becoming an emo spider. Something that made me laugh really hard was when one of the villains said "I like being bad, it makes me happy." I kid you not, that is the funniest thing that has been said in the Tobey Maguire Spider-Man movies, and you cannot change my mind. The romance in this movie puts you through a rollercoaster of emotions. of the three Tobey Maguire movies for multiple reasons. Number one: Peter beemo, number three: Peter becomes emo, number four: Peter becomes emo, and lastly, number 20: it shows how much Peter Parker has grown as a nephew, significant other, friend, student, and friendly

neighbourhood Spider-Man. The Amazing Spider-Man (2012) had the same storyline as the very first Spider-Man movie. It takes place in the same city and features the same characters, but has a twist in its plot. The villains were different because if they were all the same, NWH wouldn't have happened. The best thing about this movie was the casting of the actors. My love for all the actors is unfathomable. They understood that they were making an Amazing Spider-Man movie and made sure to live up to the "Amazing" part of the title. The romance between Gwen Stacy and Peter Parker is every hopeless romantic's dream. The plot of the movie was centred around Spider-Man having to stop Dr. Connors from turning everyone into slimy green lizards. Overall the storyline was great and pairing of Andrew Garfield and Emma Stone is *chefs kiss*

Spider-Man 2 (2014) partially reveals how Peter's parents died. Being Spider-Man consumes a lot of Peter's time—it even causes him to nearly miss his graduation ceremony. An old friend from Peter's past appears and wants his help, however, Peter isn't able to. Spider-Man retires from crime fighting to become a firefighter. No one could ever be as romantic as Andrew Garfield's Spider-Man 3 is probably the best one out portrayal of Spider-Man. We need more men like him in our world. Genuinely, comes emo, number two: Peter becomes of all of the Spider-Man movies. It has a good plot, there's a lot of suspense, and the end-credits song is great. Everything about it is amazing.

From Spider-Man: Homecoming (2017) to Spider-Man: No Way Home, not keeping up with the Avengers timeline makes understanding all three movies a bit messy. The movie starts off with an illegal weapon business. Revealing that he is Spiderman could give Peter the power to be the most popular kid at school, but it could also put the people he loves in danger. To be honest, I'm not a big fan of this movie — probably because my parents got divorced around the time this movie came out so it reminds me of it. It's a good movie, but it's not my favourite. The strange thing about Spider-Man: Homecoming is that there was no origin story for Peter Parker.

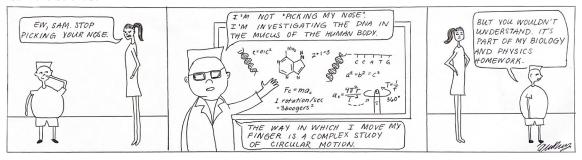
In Spider-Man: Far From Home (2019), after The Blip, countless people mourned the death of the superheroes who died keeping them safe from Thanos. Peter went on a school trip to Europe, but his trip was ruined by a man ticle is that with great power comes great named Quinten Beck. Beck got Peter

of all of the Spider-Man movies before it were the visual effects.

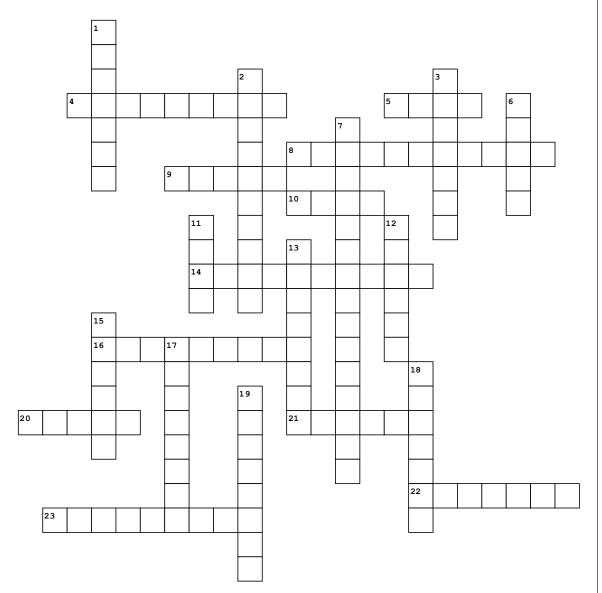
it is simply incomprehensible. A world about. I spent over 753 minutes just in preparation to write this (yes, I watched all the films), and that excludes minutes it took to physically write the article. What you should take away from this ar-

HAMBERGER

Sam the Scientist



COMIC by Élise Roy (12)



CROSSWORD CORNER

By Élise Roy (12)

Down

- 1. (1) A powerful offshore current; (2) 2013 Vance Jov song
- 2. Espresso beverage with foamed milk
- 3. (1) Word meaning sincere; (2) name of a local ice cream shop
- 7. NHL team whose fans throw octopuses onto the rink during playoff games
- 11. First name shared by Slaughterhouse Five author and
- Nirvana member
- 12. Artist known for the "pop-art" movement and Campbell's
- Soup paintings 13. Thick, dark syrup that is a component of brown sugar
- 15. Vietnamese sub sandwich
- 17. Type of citrus, a component of Earl Grey tea
- 18. Actress whose work includes recent Spider-Man films and the Euphoria series
- 19. Regarded as one of the best songwriters of all time, this 80-year-old musician received the Nobel prize in literature in 2016.

Across

- 4. Rotating swing ride at the PNE that is 67 metres
- 5. (1) The average of a set of numbers; (2) unkind 8. Television series surrounding a Chemistry
- teacher's illicit business 9. Largest bone in the human body
- 10. Starchy root vegetable that can be purple in
- 14. The oldest member of the Beatles
- 16. New Zealand rugby team
- 20. Airship that relied on hydrogen at the time of its invention
- 21. 10-kilometre race held annually in Vancouver, sponsored by one of the city's newspapers.
- 22. Multimedia artist whose work is currently
- featured at the Vancouver Art Gallery 23. German dish consisting of thin, breaded slice



Seeking advice? Reach out to The Nest anonymously via the form on our website www.ehnewspaper.ca

If your question wasn't answered, please write to us again: you may be featured in issues to come or on our Instagram!

ASK THE NEST

Q: I'm secretly a huge Dua Lipa fan and it's eating into my personal life because I'm up really late (I don't want to say how late) every night listening to her songs and looking at pictures of her face and when I get to school I'm so tired I'm almost falling down but the only thing that keeps me going every day is hearing her beautiful voice. I look like I'm paying attention to my friends at lunch and my teachers in class but I always have at least one earbud on playing her music in secret. It's just a really bad cycle. No one knows why I've been acting differently and my grades are dropping in all my classes. But I love love love Dua and I don't ever want to stop supporting her and I don't know how I could live without her music. Keep listening to Future Nostalgia loves! Dua, if you're reading this, I love you!

-Disheveled Dua Fanatic

A: Dear Disheveled Dua Fanatic, Your addiction to Dua Lipa's music is completely understandable. However, it's ideal to create a healthy Dua Lipa/ life balance. To reduce your screen time, print a photo of Dua instead of viewing it on a device. Set a reasonable bedtime and only listen to Dua Lipa until 11 PM. To improve your grades, set a schedule of studying for 30 minutes, then rewarding yourself with a Dua Lipa song. I wish you all the best in your recovery.

-The Nest

Q: I'm in the middle of a math test right now typing this and I need help quick: what's 9+10

-Not a Numbers Guy

A: 21.

-The Nest

Q: How do I ask adults for reference letters or to be a reference? It seems so awkward and such a weird question!

-Anxious Applicant

A: Anxious Applicant, Ask the adult confidently and respectfully. It can also be impactful to explain why you require the reference letter. They will be pleased to be your reference if they know that you are passionate about the given program. You can show your appreciation verbally, or

It can seem awkward to ask, but remember that everyone needs reference letters at some point in their life!

write them a sweet thank-you card.

-The Nest

Q: My parents just split up. How do I manage my belongings going between houses every few days?

-Confused & Co-Parented

A: Dear Confused & Co-Parented. Keep a few essential clothing items at each house, such as a few t-shirts and pants, and socks. Purchase duplicates of toiletry items so you don't need to worry about bringing soaps and creams back and forth. You may also require chargers for your devices at each house.

You may find that you repeatedly forget certain items each time you move. Make a list of items (i.e. on your Notes app) that you mustn't forget to remind yourself before you relocate.

I wish you all the best in this challenging time.

-The Nest

The Escapism of Podcasts

REVIEW by Annabelle McGarry (12)



Anything Goes (Ramble Productions)

Anything Goes is a podcast where, quite literally, anything goes. It discusses a wide range of subjects, from breakup advice to fashion trends. The host, Emma Chamberlain, is a social media influencer and fashion content creator with a unique approach to guiding listeners through life, while discussing her opinions on relevant topics. This podcast has a laid back and conversational style, with professional production quality. Chamberlain's comfortable voice is both refreshing and powerful. Her genuine aspirations and unfiltered perspectives that she talks about on the show make it feel more personal to listeners. Emma Chamberlain has a beautiful way of connecting with her audience members, even those who do not already follow her on YouTube and Instagram..

Crime Junkie (AudioChuck Productions)

If you are interested in true crime, this is the podcast for you. Ashley Flowers and Brit Prawat provide detailed information on the evidence and victim stories of infamous crimes on their podcast, Crime Junkie. This includes The Golden State Killer, The Watts Family Murder, and Highway of Tears Serial Killer. Covering untold stories of unsolved mysteries, the two hosts are able to captivate their listeners with their great chemistry. The stories they provide each week are packed with details, as well as theories supported by extensive research. The duo's storytelling skills create an engaging atmosphere for listeners to learn about some of the world's most horrific tales.

Office Ladies (EarWolf Productions)

Whether you are walking home from school or running a marathon, sometimes comedy is a necessity. Costars Jenna Fischer and Angela Kinsey from the show The Office relive each episode in excellent detail. Ranked number one on Apple Music podcast charts, it's filled with informative silly tangents between the quirky dynamic duo. They bring in past co-stars of The Office to unveil behind the scenes, never seen footage, and the unforgettable experiences they have had while filming. The Office Ladies provide a form of escapism and the chance to learn new things about a classic series. Their similar voices make it difficult to differentiate who's talking but nevertheless they're able to tell a great story. This podcast definitely deserves a Dundie Award.

ESPN Daily (ESPN) If sports are your passion, ESPN

Daily is the podcast for you. The variety of topics covered will intrigue almost any sports enthusiast. The original hosts Mina Kimes and Pablo Torre express their opinions on current and past sporting events. After the departure of Mina Kimes in July 2020, Pablo Torre has taken on the solo role of hosting this podcast. There has been a lot of backlash from fans about the absence of the initial comradery of the cohosts. Across multiple episodes you are introduced to guest pros, experts, and analysts, including Alex Smith and Bill Barnwell, to cover some of the most legendary moments in sports history. Overall, listeners are able to experience the breaking news of SportCentral without the flashy headlines. The enthusiastic energy and occasional jokes generate an enjoyable experience. Be ready to dive deep into the big world of sports by listening to this podcast.