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Matt Benske
Sports Editor

A week before an important contract between Palantir, a California software company, and the U.S. Immigration and Customs Enforcement (ICE) was set to end, college communities have teamed up to protest the company’s relationship with ICE. As a Carnegie Mellon campus organization plans a day of action at the beginning of next week to protest the university’s connections to Palantir, school technologies are in the process of investigation and determinations of undocumented immigrants. The

Dr. Mina Karimi, a Carnegie Mellon professor of political science, said, “There are No coupon code was reached then for the undergraduate system, so a plus/minus system was approved only for graduate students and midlevel grades.

However, many Malmö professors would welcome the switch. Assistant Professor of Teaching for Psychology, Emily Madsen, emphasized, “It’s still too early to say if the plus/minus system provides more precise grades,” she told The New York Times. Emily Madsen said she seemed “skeptical” to make the change. However, in 2012, she said there has been “an increase in more detailed evaluations” while, according to The New York Times, the “benefit of a grade one can serve too many purposes.”

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Students lie down in front of the Fence and Doherty Hall to protest inaction on climate change inaction. The protest was part of a campus takeover by Sustainable Earth, a student environmental advocacy group.

**FEATURE PHOTO**

A University Police officer and a Carnegie Mellon Police officer watch over students participating in a die-in. The students belonged to Sustainable Earth and Students for Warren, Tartans for Bernie, and Swing Left. They were seated in front of Doherty Hall with a quote from Greta Thunberg’s address to the United Nations: “Our house is on fire.” They also displayed a watch party for the democratic debate with the Roosevelt Institute, Students for Warren, Tartans for Bernie, and Swing Left.

Shi believes that we’re already seeing the effects of climate change, and researchers agree. One team of health and climate scientists from the University of Wisconsin and the World Health Organization calculated that global warming is responsible for nearly 150,000 deaths annually. Their findings were published in Nature, a reputable science journal, in 2018. “Climate change is not putting a trigger to your head. It’s not that direct,” said Shi. “It’s a slow build up of effects, but I think we’re definitely going in a direction that’s very depressing, and it’s scary.”

In the 2016 election, nearly half of the voting population did not cast a ballot. Shi is concerned that if that turnout continues it will be low, environmental issues will end up on the back burner. Sustainable Earth has been working to advocate for political participation, but they’re not planning to endorse any candidates. Sustainable Earth recently made cards that clarify the environmental policies of the top-polling presidential candidates. The front of the cards show the policies, and the candidates’ names are only visible on back side. Shi thinks that it is important to live sustainably, but that advocating for environmentally-friendly policy is the most effective way to combat climate change.

“For example, in Pennsylvania, a lot of bills are being passed for new cracker plants, and that will essentially make Pennsylvania a cancer alley. That’s something that’s being voted on now, and it’s something that’s going to affect you if you’re still living here in five years,” Shi said.

“I think that people find climate change so insensible that it’s almost debilitating,” said Shi. “But I think that we need as many people as possible advocating for it because, even if the effects by 2050 are going to be enormous, we still have time and we still need to remain hopeful.”

**Corrections & Clarifications**

If you would like to submit a correction or clarification, please email The Tartan at news@thetartan.org or editor@thetartan.org with your inquiry, as well as the date of the issue and the name of the article. We will print the correction or clarification in the next print issue and publish it online.

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**Crime & Incident: Nov. 16-22**

**Assist Outside Agency**

Nov. 16, 2019

Officers responded to Forbes Avenue to assist the University of Pittsburgh Police with an intoxicated Carnegie Mellon student. The student was provided with medical attention.

**Alcohol Amnesty**

Nov. 16, 2019

Officers responded to Webster Hall following reports of an intoxicated Carnegie Mellon student. The student was provided with medical attention, and no citations were issued due to alcohol amnesty.

**False Identification**

Nov. 17, 2019

A University Police officer conducted a traffic stop following a red-light violation in which the driver provided the officer multiple fake names. The driver was charged for giving false identification to law enforcement, along with various other vehicle code violations.

**Public Drunkenness**

Nov. 18, 2019

Officers responded to the Morewood Avenue and Forbes Avenue intersection for an intoxicated male. The Carnegie Mellon non-affiliate was provided medical attention and issued a citation for public drunkenness.

**Access Device Fraud**

Nov. 19, 2019

A Carnegie Mellon student told University Police about several fraudulent transactions on her DineX account. The investigation is ongoing.

**Alcohol Amnesty**

Nov. 21, 2019

Officers responded to the Remnik Cafe for an intoxicated Carnegie Mellon student. The student was provided with medical attention and no citations were issued, due to alcohol amnesty.

**Alcohol Amnesty**

Nov. 22, 2019

Officers assisted an intoxicated student in Webster Hall, who was provided medical attention. No citations were issued, due to alcohol amnesty.

**Alcohol Amnesty**

Nov. 21, 2019

Officers responded to Forbes Avenue for an intoxicated Carnegie Mellon student. The student was provided medical attention and issued a citation for public drunkenness.

**Alcohol Amnesty**

Nov. 22, 2019

Officers responded to Morewood Avenue to assist the University with an intoxicated student. The student was provided with medical attention and issued a citation for public drunkenness.
**Loneliness in CMU wellness efforts**

**Task force on campus climate present their five recommendations**

- **Key takeaways**
  - CMU has seen a noticeable increase in mental health issues among students.
  - The task force recommends several strategies to improve mental health, including mentorship programs, well-being courses, and fostering a sense of belonging.

- **Background**
  - CMU has faced criticism for not adequately addressing mental health concerns among its students.
  - The task force was established in response to concerns raised by students and advocates.

- **Recommendations**
  - **1. Mentorship Programs:** Establishing mentorship programs to provide support and guidance.
  - **2. Well-being Courses:** Offering courses that focus on mental health and well-being.
  - **3. Fostering a Sense of Belonging:** Implementing strategies to help students feel connected and supported.
  - **4. Transparency and Clarity:** Enhancing transparency and clarity in the processes for reporting and resolving issues.
  - **5. Implementation Steering Committee:** Establishing an implementation steering committee to oversee the recommendations.

- **Impact**
  - The recommendations are intended to create a more supportive and inclusive environment for students.
  - The task force is calling for urgent action to address the mental health crisis on campus.

- **Next steps**
  - The task force will present its recommendations to the administration for consideration.
  - CMU will also consider adopting the recommendations as part of its overall strategy to support student well-being.

- **Conclusion**
  - The task force's recommendations represent a significant step forward in addressing the mental health crisis on campus.
  - While there is much work to be done, these recommendations offer a roadmap for creating a more supportive and inclusive environment for all students.
Burris now holds no confidence in his and J.R. Block Newspapers. He went from an editorial page director, wrote an infamous opinion piece titled, "Shame on the Blocks!" and spent every minute "trimming out the journalism of the newsroom made four incident reports. These reports in the newsroom made four months ago. They're a Black, you're one of us! You have to be a Black. The Tartan's Editorial Board supports the Post-Gazette's staff's decision to strike. The Post-Gazette has never had a pay increase in a decade. Their insurance premiums keep rising. No contract between the Guild and the Block has been in place for three years. Their newspaper is an interesting, interdependent medium. And most worryingly, the journalistic goals of the newspapers are in danger.

The goal of journalism — presenting an over-simplified message — is in danger, and we need to trim our newsroom,一篇名为"Shame on the Blocks!"的文章。那天晚上，人们震惊地发现，这个报纸的新闻部被几个星期前 supposedly an imminent danger. We worryingly, the journalistic goals of the newspapers are in danger.

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Pizza Express exiles

She had already gotten so many things wrong very recently, like letting Meghan into the family. The Queen commented that part of her decision was influenced by Prince Andrew's intercessions, where he cited his inability to sweat as a reason for why the allegations against him were false. The Queen said that was “hogwash,” saying that Prince Andrew is “the sweatiest of all of us, even me.” She also said Pizza Express is “the worst place on Earth” and that “not even Andrew liked going there.”

The Royal family has given controversy a code name: “Pizzagate 2.0: Electric Boogaloo.” Queen Elizabeth has turned over the redacted documents of the PizzaGate 2.0 plan to members of the media.

The previous member to be exiled by the Royal family was Princess Diana, who died in an untimely car accident. The Queen said she will take extra steps to ensure the safety of Prince Andrew during his exile.

“I am sad to announce this decision. I did not truly understand the consequences of [Prince Andrew’s] actions until everyone started abandoning him.”

The Queen said her original stance was influenced by Lady Colin Campbell, an advanced robot created in a Versace factory who is one of the last of her kind. The Queen frequently trusts the robot for advice.

“Lady Campbell” has been letting me down quite often very recently. She told me that there was a distinction between what Andrew did and the crime he was accused of, and I truly believed her. It’s sad to see that she got this situation so wrong.
The past Thursday, Howard County, MD voted to approve a measure that would redraw their school districts to make it less segregated. The county is home to hundreds of thousands of people with a mix of socioeconomic backgrounds that are not well-integrated across the county's towns. The issue of desegregation is not exclusive to just one county in Maryland. Northern states, such as Pennsylvania, Massachusetts, and New York, all face the same issue of school segregation with links to historic geographical inequities.

The Howard County measure focuses on two high schools: River Hill and Wilde Lake. Less than five percent of River Hill’s students are from low-income families, while 46 percent of Wilde Lake’s students are from low-income families, many of whom are Black or Hispanic. Contrary to the beliefs and statements from detractors of the redraw, Wilde Lake is a good school. While Wilde Lake students excel, even if their standardized test scores, unclear indicators of how well a school does, are lower than River Hill’s.

Howard County’s decision is a great idea. Economic and racial diversity is important for students, and diversity makes for a better learning experience. It creates students who are more aware, and discusses the subconscience — in many cases, overt, racist, and classist — issues that people from segregated backgrounds often hold. It is also a great policy for the district, addressing the historical manner of redlining and the flight that segregated the county, while tackling the issue of diversity.

Some common arguments against the measure involve the ideas of inconvenience, students being separated from friend groups, and school choice. They completely miss the point. While the first two points are just individual concerns that don’t connotate the benefits of redistricting at all, the third argument is incredibly troubling. There is no real choice for many in the first place. The low-income families whose children go to Wilde Lake can’t afford to live in the same places many of the detractors of the desegregating policy live. With the argument of school choice, the anti-desegregation movement correlates the value of the school in the price of housing. But that’s the case, the only people with any chance are the privileged, anti-desegregation crowd.

This issue hits home for me in two different ways. The first reason is that I come from a suburb where the majority of the people are of the same demographics as a lot of the anti-desegregation movement’s propaganda. I am privileged white “liberal” who are for social justice on paper, but would be uncomfortable seeing black people in the neighborhood. The second reason, and what really prompted me to write this, is that one of the main figures in the anti-desegregation movement is Dr. Homaei Sharma. It was just the week before this vote that she released a statement in support of desegregation at Wilde Lake. Dr. Sharma’s main reason for advocating against the policy is that it is not fair for students to send their kids to school with people who are of different races.

Dr. Sharma’s concerns about systemic racism in the school district, while valid, are overshadowed by her statement that it is not fair for students to send their kids to school with people who are of different races. The majority of students at Wilde Lake come from low-income families, many of whom are Black or Hispanic kids, especially if those kids come from a less affluent background. As a student who lives with African American friends, I can’t speak for this statistically, but I can tell anecdotally. Many in the county’s Asian community are against the policy. It’s not because they care about what it means or who it benefits. They just don’t want to send their kids to school with black or Hispanic kids, especially if those kids come from a less affluent background.

I think it’s important to discuss the history of desegregation in the U.S. If you’re going to be against something, you have to know why the argument for it. Whether or not they want to admit it, this is the same feeling of superiority Asians have over black people. They are all for being white savatars and desegregating other school districts, but as soon as it’s their own, they’ll be up in arms. It’s been happening since Brown v. Board, and it’s depressing to see history repeating itself.

The worst part is how arrogant the fake white liberals are. They all say how great the historical parallels between past segregations and their movement. If they even know about the anti-desegregation movement, they think it happened in 1954. In reality, the movement tried hard to make sure it looks different from past anti-desegregation movements. Do they say that the movement tried hard to make sure it is not exclusive to just one county in Maryland? No, they say that the movement tried hard to make sure it looks different from past anti-desegregation movements.

The same philosophy applies to the fake white liberals that are against the Asian community trying to desegregate the schools. The anti-desegregators that fought long and hard to keep the school districts as they were are now fighting against desegregation of the school districts. They want to keep their school districts as they are. This is not a difference in race, this is a difference in economics. I would personally love to learn more about systemic racism in the U.S.
A study published in the journal *Science* showed that any running is correlated to a significantly lower risk of general death.

Researchers pooled evidence from relevant published research, conference presentations, and doctoral dissertations via various academic databases. The data focuses particularly on running and jogging to decrease the risk of death from any cause, cardiovascular disease, or cancer. They concluded that more people took up running, regardless of their speed or manner, there would likely be substantial improvements in population health and longevity. The review included data from 14 prior studies totaling 224,199 people, whose health had been tracked for between 1.4 hours per week. During this interval, 25,951 people died. Overall, any amount of running was associated with a 27 percent lower risk of death in general for both sexes. It was also associated with a 30 percent lower risk of death from cardiovascular disease and a 30 percent lower risk of death from cancer.

For participants who ran once a week or less for less than six miles per hour, the activity appeared to be linked with significant health and longevity benefits. This makes running a better than none. The study concludes, “Increased rates of participation in running, regardless of its dose, would probably lead to substantial improvements in population health and longevity.”

Any amount of running was associated with 27 percent lower risk of death in general for both sexes.

### Neural network used to analyze DNA

By using innovative computational methods to synthesize missing pixels from low-quality images or videos, computational biologists at Carnegie Mellon University have discovered missing information related to how DNA is organized in a cell.

"In the nuclei of human cells, DNA isn't linear." — Kyle Xiong, Carnegie Mellon University

Researchers used a denoising autoencoder — a neural network — to aid in the filling in of gaps found in incomplete Hi-C datasets. This autoencoder is used in computer vision applications to compute what a missing pixel may be based on other DNA pairs interacting with other DNA pairs in the nucleus of the cell. Ma and Xiong utilized a computational method, SNIPER, that was used on the GM12878 data. According to Xiong, the researchers working on the method considered whether this tool is able to recognize sequences of DNA pairs arising from different chromosomes, and interact with other DNA pairs in the nucleus of the cell. Ma and Xiong have named this computational method, SNIPER. It has been successful in the identification of subcompartments in eight cell lines. The Hi-C-datasets of these subcompartments were incomplete. For a control, SNIPER was used on the GM12878 data. According to Xiong, the researchers working on the method considered whether this tool is able to be used on every other cell type. Xiong and Ma are working on this method even further to allow it to be used under many cellular conditions and in other organisms. "We need to understand how subcompartment patterns are involved in the early functions of cells, as well as how mutations can affect these 3D structures. Thus far, in the 5.5 years we've been able to study, we see that some subtle 3D consistent across cell types, while others vary," remarked Ma. "Much remains to be learned."
Runaway star escaping Milky Way

KIAN NASSRE
Junior Staffwriter

Thanks to 21st-century technological developments, astronomy is undergoing a golden age, as astronomers are increasingly able to prove theoretical conjectures. The latest proof of this concept came when the McWilliams Center for Cosmology at Carnegie Mellon’s Professor Sergey Koposov discovered a high-velocity star escaping the Milky Way for the first time.

The star, S5-HVS1, was discovered tangentially as a part of the Southern Stellar Stream Spectroscopic Survey (S5). S5-HVS1 was originally part of a binary star system that drifted too close to the black hole at our galactic center: Sagittarius A*.

“We know pretty much for sure that it was ejected from the galactic center, which is the first time ever that we have a confident association between a star and the galactic center,” Koposov said in an interview with The Tartan.

The observation of a high-velocity star emanating from a black hole appears to be a proof of concept of Hills Mechanism, stating that when a binary star system is disrupted by a supermassive black hole, one will orbit around the black hole while the other is flung outward at high velocity essentially a gravitational trebuchet.

“It’s a three-body mechanism similar to what people use to launch satellites to distant planets. They have gravitational encounters with Jupiter and the sun that cause it to move much faster, like the Voyager Missions [which used Saturn] ... When three bodies interact, you can produce chaotic outcomes where one object is ejected at high speed,” Koposov said.

But S5-HVS1 is only a small part of a huge puzzle when it comes to the gravimetric interactions that occur near a black hole. Of interest to Koposov is an accretion of stars in a disc around Sagittarius A* that is not parallel to the plane of our galaxy.

“It turns out that around the black hole there are young stars, and we don’t quite know why... It also turns out that some of the stars near the black hole form into a disc rotating in one plane, and we don’t know how that happened. And, surprisingly, [S5-HVS1] is actually flying in a direction that is within that disc of young stars. So, it could be a coincidence, but it could indicate that the process that ejected it is the same that led to the creation of this disc,” Koposov added.

Another mystery that S5-HVS1 may provide a clue toward is dark matter. Scientists have known for some time that the amount of observable matter in the galaxy does not correspond to the gravimetric interactions observed in the sunniest regions of the spiral arms of the Milky Way; thus, there must be some extra matter.

“When you have one star and you know it was ejected from one point in the galaxy, if you see that the vector doesn’t quite point to the center, you know the trajectory was deflected by something... and it was likely deflected by the presence of dark matter in the galaxy. With one star, you cannot quite do this measurement, but with more stars, we might be able to model them together and say ‘oh, the Milky Way must have this amount of dark matter and it is distributed in this way,” Koposov said.

S5-HVS1 is not a particularly old star. It is a blue star, which tends to live much shorter lifespans than yellow or red suns, a bit over twice the size of our sun. “It’s not older than maybe 100 million years old, and it was ejected five million years ago, and the stars in the galactic center are about five million years old which is surprisingly coincidental with the flight time of [S5-HVS1], which is another reason to believe that they are connected,” Koposov said.

Since this is the first observance of a high-velocity star being ejected by a black hole, there is no way to know the frequency of such events. However, Koposov estimates that it may happen to 10s or 100s of stars in each galaxy, so it is quite a rare occurrence considering that galaxies have hundreds of billions of stars.

Interested in stars? Neural networks? Science and tech in general?
Write for SciTech at The Tartan!
scitech@thetartan.org
Penalty Shouts: My protest

RUEL BERESFORD
Junior Staff Writer

When Jay-Z first partnered with the NFL in Aug. of this year, the backlash to his association with such a damaged brand (in terms of social justice), was fervent, and totally justified. Why would such a venerated megastar and legend of hip-hop even think about working with the devil incarnate of sports leagues? What does he expect to achieve and how does he expect to achieve it? With the rather discerning nature of his partnership with the NFL, compared to previous, it seemed that Mr. Carter was living up to the famous lyric he once spit around 14 years ago, “I’m a businessman, man.” A partnership with the NFL would make hip-hop’s billion manchella, much richer and amplify his influence to a level that is almost incomparable. A mere two months ago, Jay-Z seemed like a traitor to the progressive policies he has espoused, and thus he has been expected of him. Jay-Z was a sellout like the rest of them, and the plonk he placed in the game progressed into the net. With 110 minutes gone, none of them found the back of the net. Though both teams saw no development in terms of attempts from the spot, and made their sixth shootout into sudden death. The attempt missed its mark, and sending the shootout into extra time. If a rival to the NFL. You would have a better chance of reaching the NFL, than ever being on television. The closest team we have to a rival is Case Western, but only people like sports writers for the school paper and actual football players know that. And unlike the Ivy League, which is Division I, we’re Division III, with no athletic scholarships and little chance of players making it to the NFL. You would have a better chance of reaching people for a prayed at the black chair on a green weekday than the small number of people who show up to football games on Saturdays. Carnegie Mellon is a relatively small university, indeed. I’ve had many friends wonder why there isn’t more buzz on promising footballs on campus related to climate change or military investments in research. There have been some protests and political messaging on campus this year, as protests against Palantir and ICE in Student Government and the China-Hong Kong discourse at the Fence, but none of these issues are immiscible when compared with even just a local school you can think of.

Let’s go to the opening scene, to a hypothetical protest at a football game at Grinnell Stadium. Perhaps the Terriers are playing their biggest rival, Case Western, or maybe it’s Grove City or Geneva. Students on campus might look over to Grinnell Stadium to see what’s going on. We will continue to write to their destinations. I can’t even think of the name of a relatively apolitical university like Grinnell. It would just make me laugh at the absurd choice to do as an apolitical football game. Much better instead to do as a football season, namely 15-13-2, Introduces, to Principles of Computing.

Jay-Z, Colin Kaepernick, and a potential return to the NFL

With their victory over Carnegie Mellon, who were shooting first, in a precarious position. At 4-4, an extreme sense of nervousness moved through the Tartans at St. Thomas. Prepared to take their fifth penalty award, it would end the shootout 4-5. The attempt missed its mark, however, keeping the Tartans’ championship hopes alive and sending the shootout into sudden death.

Both sides successfully made their sixth shootout attempts from the spot, and Alex Adams coolly placed the seventh attempt into the box of the net for the Tartans to move through the Tartans as extreme sense of nervousness. The attempt missed its mark, and sending the shootout into sudden death. After the 30 minutes of extra time, none of them found the back of the net. With 110 minutes gone, none of them found the back of the net. Though both teams saw no development in terms of attempts from the spot, and made their sixth shootout into extra time.

Then this week, news came in that broke the entire ecosystem of the NFL, crashing into the landscape as an extraordinary universal answering an extinction event. A name that few people have expected to hear again was Kaepernick. The entire league would never be the same again. Kaepernick was back, and boy, nobody was ready to test it. It was shocking that the vape seemed unnoticed in him again, but once a workout was announced for Sat. 30, the entire sports media world, and the regular media world for that matter, became astounded. People were quick to pontificate on what teams were the best fit for him, on what teams shouldn’t even look his way, and on what current quarterbacks should or should not be replaced by him. However, an interesting counter-narrative had begun in its development as well, one that if ever untold a couple months ago would have brought down upon itself universal condemnation. According to no NFL insider Ian Rapoport, “I’m not a businessman, man.” A partnership with the NFL would make hip-hop’s billion manchella, much richer and amplify his influence to a level that is almost incomparable. A mere two months ago, Jay-Z seemed like a traitor to the progressive policies he has espoused, and thus he has been expected of him. Jay-Z was a sellout like the rest of them, and the plonk he placed in the game progressed into the net. With 110 minutes gone, none of them found the back of the net. Though both teams saw no development in terms of attempts from the spot, and made their sixth shootout into extra time. If a rival to the NFL. You would have a better chance of reaching the NFL, than ever being on television. The closest team we have to a rival is Case Western, but only people like sports writers for the school paper and actual football players know that. And unlike the Ivy League, which is Division I, we’re Division III, with no athletic scholarships and little chance of players making it to the NFL. You would have a better chance of reaching people for a prayed at the black chair on a green weekday than the small number of people who show up to football games on Saturdays. Carnegie Mellon is a relatively small university, indeed. I’ve had many friends wonder why there isn’t more buzz on promising footballs on campus related to climate change or military investments in research. There have been some protests and political messaging on campus this year, as protests against Palantir and ICE in Student Government and the China-Hong Kong discourse at the Fence, but none of these issues are immiscible when compared with even just a local school you can think of.
CYNTHIA XU
Assistant Sports Editor

The Carnegie Mellon University soccer team has run through early competition in the NCAA tournament, until their matchup against St. Thomas went to PK’s.

On Friday, the Carnegie Mellon University women’s soccer team faced Ohio Northern University in the NCAA tournament Round of 16. The Tartans started very strong, with their defense terrorizing Carnegie Mellon’s offense as Brevard College ran all over them on Saturday to win 42- 21 at the Brandt Family Stadium in Wheaton.”

Carnegie Mellon’s football team was doomed by its limited offense as Brevard College ran all over them on Saturday to win 42-21 at the Brandt Family Stadium in Wheaton.

Carnegie Mellon was unable to keep up with Brevard’s scoring after a helmet-to-helmet hit led to starting quarterback, junior Kyle Calabrese, being carted off field in the second quarter. The Brevard players on the sideline were visibly upset for a personal foul, but the Tartans managed to stay in the game at 21-16 at halftime.

The two teams doubled down in every part of their game making it a hard-fought battle. Brevard’s offense was terrorized by Carnegie Mellon’s defense, as they finished with just 193 yards rushing attack, as they finished with just 193 yards, including one pass intercepted and returned for a touchdown before he left the field.

This contributed to Carnegie Mellon managing just 193 yards of total offense compared to Brevard’s 310. Carnegie Mellon could not sustain a passing or rushing attack, as they finished with a net 25 rushing yards gained. The offense of the day was done, and they could not generate many opportunities to score. Brevard’s defense also terrorized Carnegie Mellon with nine sacks to make it even harder on the offense. Even with Brevard getting flagged for nine penalties, Carnegie Mellon could not capitalize and score.

Carnegie Mellon’s struggles did not stop at their offense. The Tartan defense struggled to stop Brevard’s offense, so they could not set up the offense as usual. Carnegie Mellon’s defense was also dominated after allowing two long touchdown runs of 81 and 46 yards, as well as a passing touchdown in the third quarter.

Genuinely unexpected is the fact that Carnegie Mellon’s offense struggled to make the game competitive. Additionally, Daipholt went for a dreadful zero for five on pass attempts, including one pass intercepted and returned for a touchdown before he left the field.

The Tartans had a strong showing in the back of the net and put the hosts at a 2-0 advantage over the visitors going into halftime.

The second half progressed much like the first, with both teams showing excellent efforts in every part of their game making it a hard-fought battle. Brevard’s offense, so they could not set up the offense as usual. Carnegie Mellon’s defense did not set up the offense as usual. Carnegie Mellon’s defense was also dominated after allowing two long touchdown runs of 81 and 46 yards, as well as a passing touchdown in the third quarter.

The Tartans continued to dominate in terms of possessions for the rest of the first half, but mostly limited opportunities presented themselves until the 46 minute. A second corner kick delivered by Durstewitz was uneventfully cleared by Ohio Northern, and the ball found its way back to Durstewitz whose clinical cross was met by the hand of sophomore Julienne Tippett. The powerful header put the ball in the back of the net and put the hosts up 2-0. After Durstewitz’s two previous involvements, she now had a goal of her own.

The scoreline persisted until the end of the game and spurred the Tartans through to the NCAA sectional finals at Wheaton College, where they faced University of St. Thomas.

Once again, the first shot on goal came from Cammarata. This time it was in the third minute. However, St. Thomas proved a considerably formidable opponent, and held off the Carnegie Mellon offensive attack. The Tartans had a strong showing as well, holding onto the clean sheet despite numerous shots from the Tommies. Going into halftime, however, the scoreline remained untouched.

Both teams doubled down on their efforts in the second half, but were met with equally vigorous opposition. St. Thomas looked dangerous in the last half hour and created several chances for themselves, but all of the ‘Tommie’ shots on goal were denied by Carnegie Mellon goalkeeper and senior Andrea Gens.

Penalty shouts: The Harvard-Yale protest

THE TARTAN’s sports columns inspired by the New Yorker’s column Daily Shouts. This satire-fueled column will focus on anything and everything funny in the sports world that is deserving of our comedic attention.

Imagine walking around campus on a cold November Saturday morning you’re going to the Cohon University Center to get some homework done, or you’re on your way to the Olympic Sports Complex for a group project meeting. Say you pass the Cohon University Center and hear some commotion outside. It’s the football field, also known as (but rarely referred to as) Goshen Stadium. A group of students have taken to the field with banners demanding that Carnegie Mellon drop from food fuel, that the university must do this to combat climate change.

The football players are along the sidelines, helmetless, confused about whether half-time is over and wondering when the student-protectors will leave the field. The small crowd, mostly players’ family members, a couple friends, and some athletes from other sports teams, is also confused about what is going on. Perhaps one dad

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The War on the War on Christmas

The holidays are approaching. The temperature is plummeting, Christmas music is prematurely blaring in stores, students are frantically wrapping up the end of the semester ... and the controversial Starbucks cups have come out.

Wait, has there been an uproar over the cups this year?

The last controversy I can remember over Starbucks holiday cups was in 2017, when two women’s hands were displayed on the cup. This was clear evidence of Starbucks fanning the flames of the War on Christmas. First, it was “Happy Holidays” printed on cups; next, plain red cups. What’s next, keeping the classic white cup design all throughout Christmas? How am I supposed to keep the Christmas spirit without reindeer, which have nothing to do with my faith, grazing my cup?

I’ve come to accept controversy over disposable coffee cups as a Christmas tradition, much like putting up Christmas trees or making gingerbread houses. But this year, it’s been too damn quiet. I don’t like this. How can we have the holidays in the 21st century without an uproar over the cups?

Folks, I present to you possibly the greatest idea: the War on the War on Christmas.

Simply having a war is not enough. We’re about to welcome a new decade, friends. We must break the fourth wall that corporate America has constructed to see two major consumer demographics fight over. The large corporations hope to gain traction and revenue by having uproar, and what better way than to ruffle some feathers over the War on Christmas?

Yes, you’re hearing that right: the War on War on Christmas is fighting the forces that threw us into the war in the first place.

How I will go without my peppermint mocha skillfully made by an underpaid barista is beyond me. I can barely assemble a peanut butter sandwich, never mind assemble a specialty drink. But, hey — this generation is full of young and overzealous souls who think they can overhaul society but are too terrified to order pizza on the phone. Maybe my incompetence will be overridden by a cumulation of anxiety-riddled young adults. Maybe they can converge into at least one functional entity that can lead the war against the war that’s been phasing in and out for decades.
KPDC Showcase:
Ratatouille

article and photos by Marika Yang | Publisher
layout by Anna Boyle | Visual Editor
After a long hiatus, Marika’s Menu is back! This week, we’re making a hearty and healthy dish stuffed with fall ingredients: ratatouille!

Most people have heard of this delicious garden dish because of the Pixar film of the same name, but the dish itself only comes up at the end of the film, when Remy makes it for the harsh critic. But have you actually had the dish itself? With many different kinds of vegetables arranged in a beautiful spiral, ratatouille is surprisingly easy to make.

Pro tip: if you can, or if it’s the right season, I highly recommend going to your local farmers’ market for your ingredients. Fresh vegetables go a long way to make a dish that much better.

**Ingredients**

The vegetables
- 1 yellow squash
- 1 zucchini
- 1 eggplant (Chinese eggplant recommended for shape)
- 3 Roma tomatoes

The tomato sauce
- 3 tomatoes (any kind)
- 1 tbsp olive oil
- 1 onion, diced
- 1 bell pepper (red or orange), diced
- 3 cloves of garlic, minced
- 1 tbsp tomato paste
- 6-8 leaves of basil, chopped
- Salt and pepper to taste

The herb dressing
- 3-4 leaves basil, chopped
- 2 cloves of garlic, minced
- 4 tbsp olive oil
- Assorted herbs by preference (e.g., thyme, parsley, etc.)
- Salt and pepper to taste

**Directions**

1. Preheat oven to 375 °F.
2. Thinly slice the yellow squash, zucchini, eggplant, and roma tomatoes into 1/16 inch (1 mm) rounds. Set aside.
3. Cut a shallow “x” at the bottom of the three tomatoes. Steam tomatoes for 3 minutes, or until the skin peels right off. After peeling, dice the tomatoes, making sure to keep all the juices.
4. In an oven-safe pan,* heat the olive oil, dump in the diced onions and bell pepper, and stir fry on high heat for 5 minutes, until the onion begins to grow translucent. Stir continuously to prevent too much browning. Add in the minced garlic, diced tomatoes, and tomato paste and stir for 1-2 minutes until the tomatoes are incorporated with the onion and pepper into a thick sauce. Season with salt and pepper and top with chopped basil.
5. Take your sliced vegetables from step 2 and organize into an alternating pattern (such as a slice of yellow squash, zucchini, eggplant, tomato, and repeat). Carefully arrange in the pan over the tomato sauce, beginning from the edge and making your way to the center. The rounds would be overlapping and layered (see photo).
6. In a bowl, combine chopped basil, minced garlic, olive oil, assorted herbs, and salt and pepper to make the herb dressing. Spoon about half of the dressing liberally over the vegetables.
7. Cover the pan with aluminum foil and put it in the heated oven. Bake for 30 minutes, remove the foil and bake for another 20 minutes.
8. After baking, spoon the rest of the herb seasoning over the dish. Serve warm. Bon Appétit!

*If you do not have an oven-safe pan, no worries — simply transfer the finished sauce into a round baking dish.
Welcome to Maddy’s Monthly Meme Madness, where we take a look at the Top 5 most-liked memes on the Facebook group, Carnegie Mellon Memes for Spicy Teens, posted in the past month.

**9/10**

“**SEXY HALLOWEEN**”
Reneé Nikolov

Finally, some non-controversial yet hilarious Halloween costumes! The only good part of Halloween 2019’s abysmal weather conditions was that my eyes were protected from witnessing the fabled Sexy Mister Rogers costume.

**10/10**

“**KOSBIE HUMOR**”
Jose Garcia

kosbie: “fuck”

112 freshman:

This would’ve been a solid 9/10 meme... until I saw the “made with sadness” in the bottom-left corner. Instant 10/10 for the play on “made with [meme generator]” trademark we see infiltrating memes that are cheaply mass-produced without any heart or soul.
Although He downplayed her own meme by calling it “stolen,” she managed to create a meme that unfortunately too many students relate to. Through this humorous format, she highlights a problem we have on campus: inaccessibility of resources. The Tartan is proud of any student who is struggling and recognizes the strength it takes to continue this conversation.

Chen captioned this meme: “i’m gonna tell my kids that this was carnegie mellon university.” The meme format inherently makes a bold assumption that climate change won’t corrupt our children’s future before we can corrupt them with fake news, and this meme specifically makes the bold assumption that we’re a ripoff of MIT.

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Are dreams ambrosia or just poison sweet,
Designed to lull the unsuspecting mind
To nothing while time runs blithe and fleet
And leaves the dormant human race behind?
For oft I find my soul in wistful ire
That night holds such dominion o’er my years;
Alas, though I may struggle I still tire
And can do naught but shed those poignant tears.
For why should I surrender every day
To darkness when the moon and stars arise?
And why should I let hours slip away
Whilst I watch on with closed and bittered eyes?
I try to flee the looming storm and still
The shadows inundate my restless will.
I raised my head and saw a fire
Burning in the sky
Like sparkling amber sprinkled onto
Golden fields of rye;
It seemed to me a gateway calling
Us to journey through
Into a world so close — so close — to
That of me and you
Except, perhaps, the people there chose
Different paths to take:
Forgiving friends and sparing foes for
Naught but kindness’ sake.
Perhaps we bade goodbye — at last! — to
All that we regret,
And you and I weren’t doomed to wonder
Whom we never met.
Pet Expo
Costume Contest
Last Sunday, the Pittsburgh Pet Expo brought pet owners and enthusiasts to the David A. Lawrence Convention Center. The gathering, which billed itself as “the largest pet expo on the East Coast,” featured vendors selling exotic reptiles, a dog grooming contest, and other exciting pet-related events.

Sunday’s biggest spectacle by far was the pet costume contest, where pet owners vied for gift baskets and the title of best in their category. As a huge proponent of animals wearing clothing, I was in heaven.

Dogs, cats, a rabbit, and a snake graced my eyes in their perfect combination of uncanny and cute costumes. Standouts included Lilly, a hound mix disguised as a Port Authority Bus, three dogs dressed as crayons in a Crayola box stroller, and Lena, the great-dane-turned-flower-garden.

The star of the show, and winner of the small dogs category, was Girlfriend. The long haired chihuahua was dressed as a spider, with eight fuzzy legs secured on her harness that seemed to move with her.

During the finals round, I abandoned my previous decision to remain neutral and screamed when Girlfriend was called back to the stage. All hail Girlfriend, the chihuahua-spider mix, the canine cryptid of my dreams.
Tartan Favorites of 2019

Favorite Movie of 2019

The Farewell

For a movie about death, it’s remarkably full of life and very human.

- Lindsay Glick, Assistant Copy Manager

Avengers: Endgame

Who doesn’t love an action-packed time travel-filled cross-over between their favorite Marvel characters?

- Kian Nassre, Junior Staffwriter

Parasite

There comes a point where you watch so many movies that nothing wows you anymore. So when that one movie comes along that wows you, it really sticks with you. Parasite is one of those movies for me.

- Sujay Utkarsh, Pillbox Editor

Favorite Song of 2019

“Over My Head” by Judah & the Lion

“Over My Head” is me in a song. It’s upbeat, catchy, yet captures my existential anxiety. Listening to it reminds me that I’m not alone in feeling “over my head” and have others rooting for me.

- Madeline Kim, Forum Editor

“zvezdy” by Molchat Doma

I stumbled across Molchat Doma on Spotify one afternoon, and was immediately captivated by the Belarussian post-punk band’s dreary, atmospheric synths and droning vocals saying...something. I don’t speak Russian, but I speak good ass tunes.

- Wilson Ekern, Copy Manager

Favorite Album of 2019

Wasteland, Baby! by Hozier

The album combines a powerful voice and lyrics for a smooth, evocative listening experience. I liked to put it on in the background while I wrote essays. Every time, Hozier crooned in my ear plaintively, as if asking to be listed as a co-author, or at least nab a mention in the bibliography. I didn’t give him credit in those essays, so I thought I’d at least give him credit here.

- Anna Boyle, Visual Editor

A Different Shade of Blue by Knocked Loose

There are other albums I liked more, but metal is a pretty underrated genre as a whole. It’s not everyone’s thing, but it does take a lot of effort to write good metal music. This album is pretty awesome. Some of the songs have breakdowns within breakdowns, which is crazy.

- Sujay Utkarsh, Pillbox Editor

Favorite Podcast of 2019

Zane and Heath: Unfiltered

I’ve been wondering for a while what happened to the “Coffee Talks” in Zane and Heath’s videos on YouTube, but this podcast brings them back in a really great way. Their YouTube videos have become more on trend as they’ve each built their audiences, but it’s nice to see them stripped back in this podcast and go back to their roots of just sitting around talking and making jokes.

- Rebecca Enright, Art Editor

TrueAnon

Hosted by Brace Belden and Liz Franczak, TrueAnon traces the outlines of the Jeffrey Epstein case, uncovering the wild connections between murdered financier and some of the most powerful people in the world. Where is Ghislaine Maxwell? Will any of these powerful people actually face consequences? Who knows! But TrueAnon wants to find out.

- Wilson Ekern, Copy Manager
Favorite TV Show of 2019

Peaky Blinders

I remember when I first discovered this show years ago, during an early season hiatus. It returned in 2019 for its fifth season after a long two-year wait, and the show is as good as ever, exploring the complexities of the Shelby family, their shady criminal dealings, and Tommy Shelby’s rise into politics. Cillian Murphy is amazing as always, and the style, direction, score, and cinematography is unmatched in television. Now I just have to wait another two years for season 6.

- Marika Yang, Publisher

The Politician

I started watching this show for Ben Platt, and stayed for Gwyneth Paltrow. This show is so extreme and absurd in its plot and characters in the best way possible. It also has a great color palette throughout the season, and was generally just really well done.

- Rebecca Enright, Art Editor

Favorite Restaurant

Mercurio’s

I am a pizza snob, and the best of the best is the Napoletana-style with pillowy crust, which Mercurio’s perfectly executes.

- Kian Nassre, Junior Staffwriter

Roots Natural Kitchen

Healthy Chipotle. Tasty, fast, reliable, and right in the heart of Oakland, so easily accessible by bus or on foot.

- Marika Yang, Publisher

Favorite Book

Collected Fictions by Jorge Luis Borges

- Wilson Ekern, Copy Manager

The Great Believers by Rebecca Makkai

- Lindsay Glick, Assistant Copy Manager

Permanent Record by Edward Snowden

- Sujay Utkarsh, Pillbox Editor

The Friend by Sigrid Nunez

- Marika Yang, Publisher and Anna Boyle, Visual Editor

Favorite Tartan Article of 2019

“‘Don’t forget about us:’ Fence painting sparks campus debate” by Jacob Paul

- Nora Mattson, Editor-in-Chief

“Sensors at CMU: ClassInSight project scans lectures, analyzes behavior” by Nora Mattson

- Marika Yang, Publisher

“Should I wear a dress today?” by Clytze Sun

- Alexandra Yu, Pillbox Editor

“Northrop Grumman to fund multi-application AI research through new CMU agreement” by Adam Tunnard

- Matthew Benusa, Sports Editor
the signs as languages we should learn

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<tr>
<th>Gemini</th>
<th>Sagittarius</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 21 – June 20</td>
<td>Nov. 22 – Dec. 21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cancer</th>
<th>Capricorn</th>
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<tr>
<th>Leo</th>
<th>Aquarius</th>
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</thead>
<tbody>
<tr>
<td>July 23 – Aug. 22</td>
<td>Jan. 20 – Feb. 18</td>
</tr>
</tbody>
</table>

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<tr>
<th>Virgo</th>
<th>Pisces</th>
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<tbody>
<tr>
<td>Aug. 23 – Sept. 22</td>
<td>Feb. 19 – March 20</td>
</tr>
</tbody>
</table>
Rey and Kylo
by xkcd

KYLO, WE SHOULDN’T FIGHT! LET’S SET ASIDE OUR DIFFERENCES AND WORK TOGETHER TO MEASURE THE LOCAL PROPERTIES OF SPACE, JUST IN CASE SOMEONE IN THE FAR FUTURE IS WATCHING FROM ANOTHER GALAXY AND WANTS OUR HELP TO CONSTRAIN THE EXPANSION RATE!

THE NEW STAR WARS TOTALLY PANDERS TO COSMOLOGISTS.

https://xkcd.com/2229/
Capitals of the US

made by Kian Nassre | Junior Staffwriter

Across
02. CA capital
09. Cave dwelling monster, sometimes blue
10. Alternative to functional programming
11. Atop
12. Sticky membrane
13. Heat then slowly cool
15. Egg-layer
16. Poetic contraction
17. Good fortune
20. Large continent
23. Lumberjack tool
26. Body measurements and calculations
29. MD capital
30. AK capital
31. Party advocating for Scottish independence

Down
01. Web adress
02. MN capital
03. Elvis’ middle name
04. Link
05. NY capital
06. Builder of ark
07. KS capital
08. Not closed
14. “Yikes!”
18. MA Capital
19. Piano parts
20. Blind as...
21. Jesus died for your...
22. Key with 3 sharps
24. Van Gogh setting
25. Suffix for native of Hawaii

Answers to crossword from Nov. 18

Across
02. Scaife
06. Baker
07. Soiree
10. Arial
11. Gates Hillman
12. Gea
13. Gates Hillman
18. Gea
19. Sells
20. Gitmo
22. Silt
24. Steep
26. NSA
27. GSA
30. Order
31. Ore
32. Sia
33. Garlic Press
34. Moooshu
35. MCA
36. Newell Simon
37. Sea
38. Earth
39. STG
47. Tad

Down
01. Bee
02. Stag
03. Carat
04. A Bit
05. Falsetto
06. Boils
07. Aisles
08. Kremlin
09. Reinstate
11. Sri
13. Aegis
17. Alls
21. Oedipus
23. Agog
25. Pear
28. Siamese
29. Arrow
33. Escort
35. Loess
36. Islet
37. Emma
38. Santa
42. IED
45. HDL
ongoing

New + Clue (Row House Cinema)
ongoing until 11.28.19

Lumaze Pittsburgh
ongoing until 1.4.19

week of 11.25.19 - 12.01.19

Miyazaki Week (Row House Cinema)
11.29.19 - 12.5.19

week of 12.02.19 - 12.08.19

TEDxPittsburghWomen 2019: Bold + Brilliant (Roxian Theatre)
12.5.19 6 - 9:30 p.m.

Reception: CMU Design Exhibit 2019 (Miller ICA)
12.6.19 6 - 8 p.m.

CMU School of Art Open Studios: Bourgeois (CFA 300)
12.6.19 6 - 9 p.m.

Dancers’ Symposium Presents: Equinox (Rangos Ballroom)
12.6.19 - 12.7.19 8 - 10:30 p.m.

The Joy of Cookies Tour (Lawrenceville)
12.6.19 - 12.8.19

Steel City Con (Monroeville Convention Center)
12.6.19 - 12.8.19

Day in the Life: Paris vs. NYC (Row House Cinema)
12.6.19 - 12.12.19

2019 Pittsburgh Winter Avant-Garde Art & Craft Show
12.7.19 10 a.m. - 5 p.m.

Handmade Arcade 2019 (David L. Lawrence Convention Center)
12.7.19 11 a.m. - 7 p.m.

Penguins on Parade (Pittsburgh Zoo & PPG Aquarium)
12.7.19 - 1.26.20 11:30 - 11:45 a.m. (weekends only)
Holiday Magic! Winter Flower Show and Light Garden

photos by Nora Mattson | Staff Photographer