

THE TARTAN



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The Tartan
September 30, 2019
Volume 114, Issue 5

Carnegie Mellon's Student Newspaper Since 1906

Beto O'Rourke talks guns, healthcare, and ICE in Schenley Plaza

EVANGELINE LIU
Staffwriter

Democratic presidential candidate and former U.S. Representative Beto O'Rourke visited Pittsburgh on Wednesday as part of his 2020 presidential campaign. In the tent at Schenley Plaza, he hosted an event with supporters that was a mixture of town hall and rally. He is the fifth candidate to visit Pittsburgh since the campaign season began, following, most recently, a visit by Sen. Amy Klobuchar on Sept. 18.

According to an Aug. Franklin and Marshall poll, about 1 percent of Pennsylvanians support O'Rourke's candidacy.

Standing on a black box in the middle of a crowd, he started off his speech with some personal stories, including the story of his last visit to Pittsburgh that was 25 years ago, and the fact that he had just celebrated his 14th wedding anniversary. Recalling how he first met his wife on a blind date, O'Rourke remarked that "this was 15 years ago, before Tinder was invented, and we didn't have the chance to swipe left or right."

He transitioned to reflecting on his roots in El Paso, TX. El Paso, as a city bordering another large city in Mexico, is home to a large international community. O'Rourke remarked on the number of El Paso schools now implement fully immersive bilingual education.

He reminded the crowd that El Paso is one of the safest cities in America to rebuke the current president's rhetoric about how immigrants allegedly increase



Evangeline Liu/Staff Photographer

Beto O'Rourke, a former Texas Congressman, spoke to a crowd this past Wednesday in Oakland's Schenley Plaza tent.

crime rates in America.

O'Rourke then turned to his many criticisms of the Trump administration's treatment of immigrants at the southern border. "No one sends their 8-year-old daughter [alone] on a 2,000 mile journey unless there is no other choice but to send their daughter

on a 2,000 mile journey," O'Rourke said, to cheers.

O'Rourke then pivoted to discussing the shooting at a Walmart in his hometown, where the shooter allegedly targeted Mexicans because he was angry about what the shooter termed a "Hispanic invasion" of Texas, and

about the large-scale ICE raid in Mississippi that targeted low-income migrants.

From there, O'Rourke addressed his proposed gun control, domestic terrorism, and immigration policies. To cheers, he reiterated his intention to implement a mandatory buyback

of assault-style rifles because he believes there is no reason for civilians to own military-style weapons, and to make combating domestic terrorism a top priority for federal law enforcement. One of O'Rourke's key issues on the campaign has been this gun control rhetoric.

O'Rourke told the crowd that ICE raids were sending a message of fear, and said that he intended to remove this fear aspect from these immigrants' lives by legalizing undocumented immigrants and providing a path to citizenship for the young people brought to the US illegally as children known as Dreamers.

He brought up the drought in Guatemala that was forcing many families to escape north, and the fact that extreme weather events like it will become more common as the planet warms from human activity. "[The drought is] not caused by God or Mother Nature, but by you and me, our emissions," he asserted.

He highlighted that places located at lower latitudes such as El Paso may be too hot to support life in the future if anthropogenic global warming goes unchecked. To combat this, he proposed that if he is elected as president, he would have a plan to implement carbon sequestration — processes that remove carbon from the atmosphere and thus reduce the percentage of greenhouse gases in the air — over the next decade. O'Rourke told people that as Americans, we should be taking a

See **BETO**, A3

Michelle Alexander, author of *The New Jim Crow*, visits CMU



Lisa Qian/Photo Editor

Michelle Alexander was joined by Heinz professor Alfred Blumstein and postdoctoral fellow Anthony Pratcher last Thursday.

MEERA RAY
Junior Staffwriter

Attendees packed the McConomy Auditorium last Thursday as Michelle Alexander, author of the bestseller *The New Jim Crow: Mass Incarceration in the Age of Colorblindness*, led a discussion about mass incarceration and racial justice. Also on the panel were Heinz College professor Alfred Blumstein and Department of History postdoctoral fellow Anthony Pratcher.

Blumstein started: "The U.S. used to have an incarceration rate of about a hundred for a hundred thousand... we are now about five times that level." He discussed the findings in his field of criminology showing that 30 percent of the prison population's disparity between white people and people of color could be demonstratively explained by bias against people of color rather than by people of

color committing more crimes.

Alexander acknowledged the staggering amount of people in jails and prisons as a serious problem but discussed how she and other activists refer to mass incarceration as "a much larger caste-like system" that includes people on parole and formerly incarcerated people who effectively live as second-class citizens. She also noted that while she fights to eliminate racial inequality in the system, she is "interested not in eliminating the disparities but eliminating the system itself."

Alexander was less personally interested in the statistics around bias in the justice system and more concerned with what she calls a racist political dynamic in our country.

She said, "the rate of violent crime that we see in impoverished, segregated, jobless, ghettoized communities is a function of the fact that we as a nation have

chosen to disinvest in those communities."

Alexander was heartened to see so many people turn out to her talk, and said that old-fashioned protest can create new political realities that are starkly different from the current ones. She cited the impact the Movement for Black Lives and the Ferguson protests have made. She pointed out that the issue of mass incarceration has become bipartisan to a degree. For example, she noted, The First Step Act, a criminal justice reform law, passed with bipartisan support this April.

Pratcher brought up the topic of prison abolition as an alternative to prison reform. Alexander was quick to point out that prison abolitionism is not just about closing prisons, but about creating a democracy where prisons and jails "are not required, where we

See **ALEXANDER**, A3

Campus crime report's stats lower than 2017

ADAM TUNNARD
News Editor

The Annual Security and Fire Safety Report was posted online this past Friday by Carnegie Mellon's university police. Each year, they are mandated by state and federal law to report crime statistics and rates to keep students, faculty and staff apprised of crime on and around campus.

Students received an email this past Friday alerting them to the existence of the report, which provides updated crime statistics for 2018, but is mostly comprised of resources and reporting procedures for victims.

The 2018 crime rate, obtained by dividing the number of criminal offenses by the total number of campus community members, has gone down to 0.0191 with 353 reported incidents, from the 2017

rate of 0.0217 with 395 reported incidents, but does represent an increase over the 2016 rate of 0.0182 with 326 reported incidents.

The graph below represents crimes reported at Carnegie Mellon's Pittsburgh campus, crime statistics for other campuses can be found with the full report. Infrequently reported crimes were omitted from this graph, such as murder and manslaughter, both of which had no reports over the past three years.

Notably, few drug arrests were made, while there was a number of highly reported drug offenses that resulted in a disciplinary action. The reverse is true for alcohol-related crimes: there were more arrests than the less-serious disciplinary actions. The complete report can be found at <https://www.cmu.edu/police/annualreports/2019asr.pdf>.

Incident	2016	2017	2018
Drug arrests	5	2	2
Drug disciplinary action	37	64	31
Liquor arrests	49	57	31
Liquor disciplinary action	6	3	1
Hate crime	0	3	3
Dating violence	23	19	14
Domestic violence	4	1	1
Stalking	29	24	19
Rape	8	15	9
Fondling	10	2	9
Burglary	26	27	19

HISTORICAL FEATURE PHOTO

This week in 1969: Black Construction Coalition protests at CMU



Photo by Jerry Kiskind, The Tartan

This photo, published in The Tartan Sept. 26, 1969, shows students and faculty protesting campus construction, joining the Black Construction Coalition in supporting of black construction workers in Pittsburgh.

Crime & Incident

WEATHER

Source: www.weather.com

Alcohol Amnesty

Sept. 22, 2019

Officers responded to Morewood Gardens twice, and once to E Tower to aid an intoxicated Carnegie Mellon student. The students were provided medical assistance and no citations were issued due to alcohol amnesty.

of an internet scam. A Carnegie Mellon employee told officers that they received an email from an individual attempting to portray a Carnegie Mellon associate requesting gift cards.

Fake ID

Sept. 27, 2019

Officers responded to the College of Fine Arts building following a theft report. Officers made contact with a Carnegie Mellon student who reported their computer was stolen from a studio. The investigation is ongoing.

Criminal Mischief

Sept. 22, 2019

Officers responded to Kappa Sigma following a report of a simple assault. Officers attempted to make contact with the parties involved to gather information about the person involved. The investigation is ongoing.

Theft

Sept. 24, 2019

Officers responded to Skibo Gymnasium following a report

Compiled by
ADAM TUNNARD

TUESDAY



89° / 68°

WEDNESDAY



88° / 69°

THURSDAY



85° / 54°

FRIDAY



60° / 43°

SATURDAY



65° / 50°

SUNDAY



68° / 51°

SOCIAL ACTION CALENDER

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.



O'Rourke campaign stops in Pittsburgh, addressing Oakland crowd



Evangeline Liu/Staff Photographer

The former Texas representative stood on a small box to address the crowd which formed in a tent in Oakland's Schenley Plaza.

BETO, from A1

leadership role to “make sure we don't cook this planet beyond supporting life.”

The rest of his speech touched on the key issues that Democrats have taken on: discrimination, healthcare, a \$15 minimum wage.

He also proposed a healthcare plan with a mixture of public and private plans. He addressed the need to end discrimination in the workplace by amending the Equal Rights Amendment, and criticized the fact that it is legal in Texas and other states to fire someone for their sexual orientation and to prohibit same-sex couples from adopting children.

O'Rourke rallied his supporters by ending with a statement on the high incarceration rate in the US, saying that the “war on drugs became [a] war on people,” especially minorities. He called for reparations to be made to descendants of slaves and for the nation to acknowledge both the deeper legacy of slavery and how it still disadvantages minorities to this day.

The former Texas congressman spent much of the rest of the event taking questions from the audience. One man in a wheelchair asked about the proposal for paper ballots to prevent election hacking, noting that some people like him cannot pick up a pencil and asked if there would be

accommodations for disabilities. In response, O'Rourke promised to enact a provision for disabled people to be able to get help in voting and even promised to name it after the man who asked the question.

A young woman from El Paso asked the candidate about gun control and reflected on her worries after the mass shootings in both El Paso and Pittsburgh, to which O'Rourke shared a story he had heard of a Mexican woman who refused to play traditional Mexican music in public after the shooting in El Paso. He also seemed to express that he understood how some gun owners liked the shooting power of assault-style weapons, but noted that there have been gun owners who told him that although they were supporters of Trump, they also wanted to keep our children safe and understood the premise behind O'Rourke's gun buyback proposal.

In response to a question about how to pay for this buyback, he proposed taxing capital at the same level as income, raising the corporate tax rate to at least 28 percent, and ending the foreign wars America is involved in to save the money otherwise spent on these wars.

He concluded the event by greeting some supporters in the front and snapping the usual crowd selfies.

Author Michelle Alexander fills McConomy Auditorium

ALEXANDER, from A1

have developed alternative forms of justice...where we respond with care, compassion, and concern rather than punitive approaches.”

She discussed how the current system fails survivors of violent crime, who often don't get closure from seeing their assailant sent off to prison, and fails to redeem the imprisoned people, who spend time in a traumatizing environment that doesn't improve them.

Alexander proclaimed the unfairness in that white business owners are making a profit selling marijuana in states where it's legalized while black people were torn from their homes for doing the same thing. She argued that reparations should be paid not just for slavery but for the impact of the drug war on communities of color.

She also noted that the same infrastructure is used to lock up black people and undocumented immigrants and that both of their mistreatments are justified by similar political rhetoric that scapegoats members of both groups as dangerous.

Alexander recounted what inspired her to write *The New Jim Crow*. Growing up, she noticed her white classmates in high school and college weren't arrested for doing hard drugs and later went on to grad school and lucrative careers, while young people of color caught smoking marijuana were penalized and told they would never amount



Lisa Qian/Photo Editor

Friday's lecture covered topics from the Alexander's bestselling book, *The New Jim Crow: Mass Incarceration in the Age of Colorblindness*, which won a 2011 NAACP Image

to anything.

Alexander ended by discussing the broader political implications of the drug war and racism.

“The drug war was declared with black folks in mind, but it's a war that's harmed people in communities of all colors. Today

in our politics, I think we can see all kinds of examples of the way that white folks hurt themselves by their own racism.” She believes that America doesn't have many welfare policies like universal healthcare because “things like welfare and federal support for education, for

healthcare, for housing and the rest got tainted through the racial politics of the Southern Strategy.” To some degree, she argues, white Americans don't support policies that would benefit them because they would also benefit people of color.

When it comes to enacting change against the injustices she describes, Alexander said, “It's going to take activism and it's going to take protest...In whatever walk of life one is in there is a role that one can play in contributing to this movement.”

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Forum

FROM THE EDITORIAL BOARD

Google contractors in Pittsburgh vote to unionize

Pittsburgh is a city with a rich history of labor strength and unionization. An important step in the future of Pittsburgh workers was made last Tuesday when Google contract workers voted to unionize.

The workers, contractors for Google working directly for a tech firm named HCL America, voted 49-24 to unionize with Pittsburgh's United Steelworkers (USW). Now, they await approval from the National Labor Relations Board to certify the vote.

As contract workers, they don't exactly work for Google. But the nature of their work means that their jobs are extremely similar to those of direct Google employees. They're typically college-educated, yet don't receive benefits such as paid sick days and are often paid as little as \$40,000 a year for their work. They also lack job security, with workers saying that abrupt firing is also a constant worry.

Over half of Google's workforce, or about 135,000 employees, are like the HCL America contractors: they work on Google projects, but are receive less compensation due to their temporary status, and do not get the same benefits that direct Google employees do. In joining with USW, HCL employees who voted for the union hope that better representation can address these issues.

USW's first efforts to bring workers together and collectively bargain for better contracts came at a much different time in labor history. The tech workers of today certainly aren't working in hundred-degree factories, tapping blast furnaces and routing slag. However, even though the physical working conditions are inherently different, the goals of unionization are essentially the same: better conditions and better compensations.

For steelworkers in and around Cleveland, OH, where USW was founded in 1942, conditions were dire. It took several years to unionize the steelworkers, and after frequent strikes and other efforts, workers were able to collectively bargain for things like a \$5 daily wage at Carnegie-Illinois Steel in 1937, and eventually, pension plans for workers at Bethlehem Steel in 1949.

Those efforts might have looked different than unionization efforts of today: there was no dramatic strike or stakeout with HCL workers. But their demands remain similar to labor struggles of the past.

Johanne Rokholt, an HCL employee working at Google's Pittsburgh campus said, "currently, the power dynamic between workers

and the company is imbalanced. By standing together as a union, we can balance that power dynamic, and turn the monologue into a dialogue to get the fair treatment we deserve."

Ben Gwin, HCL employee and union organizer, told the Pittsburgh City Paper, "we just want a voice in the process... and to be able to negotiate our own contract and have a more equitable workforce for everyone."

Google employees in the past couple of years have led the technology workforce to recognize the value of their own labor. A walkout last Nov. that questioned the company's handling of cases of sexual harassment led to

policy change. Internal backlash and mass resignations prompted the company to not renew its contract with Project Maven, the controversial Department of Defense project, a branch of which is currently operating out of Carnegie Mellon's army AI task force.

At Google, these efforts have stopped short of unionization. Even if Google employees unionized, it would not necessarily lead to unionization of the majority of workers at the company, since contractors, like those at HCL, outnumber the company's full-time employees. According to a tweet by the organizers of the

Nov. walkout, this arrangement "permit[s] Google to abdicate its responsibility to the majority of its workforce."

And HCL workers for Google are far from the only laborers working without full-time status benefits: in our economy, thousands drive for Lyft or Uber without benefits, warehouse workers for Amazon are frequently employed by temp agencies instead of corporate for lower costs, and content moderators for Facebook, who must view the most horrible and disturbing content on Facebook for hours on end, are mostly contract workers who make around \$28,000 a year.

Intertwined with

Pittsburgh's deep history of labor organizing is the backlash that these efforts have faced. The Homestead Strike is famous not only for the new organizing techniques employed by the workers but also the bloody retaliation by the private security force, the Pinkertons and the state police.

In the modern gig economy, the temporary workers historically brought on as scabs and strikebreakers now constitute a large section of the workforce. Those workers are now beginning to recognize that their labor, whether temporary or not, is worth much more than what they get in return.



Rebecca Enright/Art Editor

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THE TARTAN

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* Denotes executive committee member

Accounting for your life: stocks



Frank Hu

FRANK HU
Operations Manager

There are a lot of symbols, numbers, and terminology associated with the stock market. We frequently hear about how the Dow Jones Industrial Average is performing or where the NASDAQ composite is sitting or whether the S&P 500 is on the upswing. While these numbers mean everything to the floor traders buzzing like caffeinated bees over at the New York Stock Exchange (NYSE), they don't do very much for the average person other than giving a vague idea of whether the economy is doing "well."

The illusion of complexity is what drives people away, but to avoid investing in the stock market is a financial pitfall. With thousands upon thousands of stocks listed on the NYSE along with countless funds and options, it seems mind-boggling to try and understand and parse it all. And when it comes to investing, investing in things you don't understand is a bad idea.

The trick is not to understand everything about the stock market, but to take a big-picture approach, reading and studying just enough about the market as pertains to your investment strategies. After all, not even professional investors can digest all the information that's out there. Large investment firms usually have armies of analysts grinding out the numbers round the clock, and even then are only just scratching the surface.

So, what does it mean to look at the stock market from a big-picture perspective? A good place to start is to consider the different assets that are available, and how to invest in them. Rather than getting stuck on all the minutiae, we'll go ahead and focus on three big

asset classes: stocks, funds, and commodities.

To begin, let's take a look at the kinds of funds that are out there. Broadly, funds fall into three categories: index funds, mutual funds, and exchange-traded funds (ETFs). Index funds are designed to track a market segment (e.g. healthcare, large companies, tech) and serve as market indicators. However, they are not directly investable, meaning you can't put your money into an index fund. For this reason, the focus is mostly on mutual funds and ETFs.

Mutual funds are a form of pooled investments, where you and many others give up your money to be managed by a professional. Usually, mutual funds are designed with a specific market sector in mind and invest in that sector accordingly. It's not uncommon to see mutual funds that are designed to track index funds, so if you're interested in following a specific index fund, it's best to invest in an associated mutual fund. Mutual funds are priced at the end of the trading day, meaning that if you were to buy into a mutual fund during an ordinary trading day, the price you would pay is the price when the market closes at 4:00 p.m. EST.

Exchange-traded funds are different from mutual funds in that they can be thought of as a collection of securities. Essentially, the company that manages the ETF buys a bunch of one kind of investment, be it company stocks in a certain market sector or government bonds, and then parses it into lower-priced packages that it then offers to investors. For that reason, ETFs can be bought like stocks, since you can get shares of an ETF at a certain price, and they can be bought and sold during the regular trading day. ETFs are attractive since it gives investors exposure to a diverse collection, and often at a lower price than buying individual shares of stocks or individual

investments.

Next, we have commodities, such as gold, silver, and crude oil. Believe it or not, you can buy and trade these resources on the market. Investing in commodities is not always a great way to accrue wealth in the short term since gold and silver prices fluctuate dramatically over short periods. However, investing in gold and silver can be a good way to protect your money during times of market volatility since gold is gold the world over. So, in the long term, commodities can guard against market downturns, although the buy-in price is steep. We'll discuss more about commodities later.

Lastly, we have good old stocks. Everyone's heard of stocks, but not everyone knows what it means to own a stock. To own some stock means you buy shares of the issuing company. So, if you bought say 50 shares of AT&T, you now technically own that fraction of AT&T, although that's likely nothing compared to the literal millions of shares that investment firms have in these major companies. When you own a share, you are a shareholder of the company, and your fortunes from the stock depend on the company's performance. Stocks can range from low-risk and low-reward to high-risk and high-reward, with the stocks of start-ups and new-born industries being the most volatile. Investing in stocks requires more diligence and attention to the data, as well as consistent monitoring of market conditions and trends.

With that brief overview, hopefully, the markets don't seem so overbearing. Of course, there's a lot of nuance within each of these three very broad categories, but the majority of investments available fall into at least one of these classifications. Moving forward, we will focus our attention on each of these groups, starting with funds, followed by commodities and then stocks.

LETTER TO THE EDITOR: CMU "SUSTAINABILITY INITIATIVE" IS THE COLLEGE'S EMPTY PROMISE

Have you heard about the sleepy new "Sustainability Initiative" the provost is trying to sell us? Let me tell you: that's a bucketful of promises with a hole in the bottom.

I can tell you all you need to know about the Sustainability Initiative. It includes no new staff hires. No monetary commitment. No actionable benchmarks. No structural change to the administrative organization. Instead, we get... what? More committees? More rhetoric?

Our house is on fire, and the provost sees fit to offer such limp leadership? I believe this shows that he doesn't care about us, friends. At our current pace, the runaway temperature rise will reduce the planet to a desert. Before then, billions will suffer.

If the provost really cared, he would do something. Something meaningful. But he cares only enough to say he does and not an ounce more.

Earlier this year, a faculty committee already provided a report recommending a real, concrete plan of action, with a plan to catch up to our peer universities and seize the lead in specific areas of sustainability research. The administration ignored it, and now we get a more pliant committee.

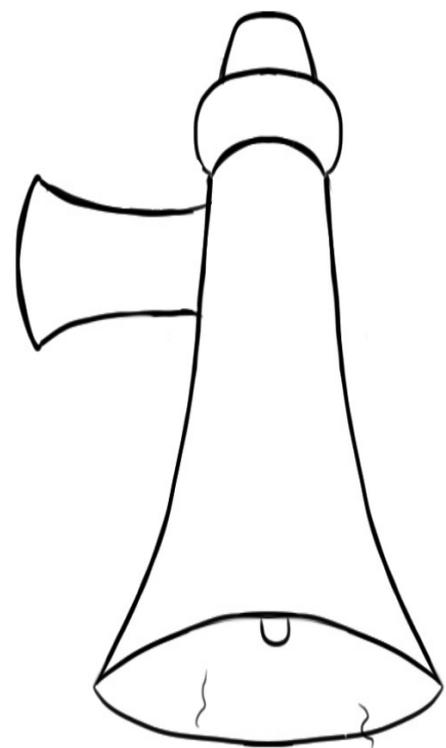
On Sept. 23, 2019, Provost James Garrett attended a photo-op forum at a UN-affiliated event in New York City and gave vacuous commentary. ("We recognize that universities have invaluable roles to play in leading efforts to achieve...") He did not mention that Carnegie

Mellon — bizarrely — does not list any ecology courses taught by ecologists on SIO this academic semester, or that — alone among our peer universities — we do not have a high-level Office of Sustainability.

Not too far away that same day, Greta Thunberg addressed world leaders at the UN Climate Summit. She said: "If you choose to fail us, I say we will never forgive you." If our school provost can't commit to concrete action, what hope do we have of our world leaders? Provost Garrett, we are running out of time, and you are failing us. And who will forgive you?

Hadrian DeMaioribus is a current senior studying history at Carnegie Mellon University.

SPEAK YOUR MIND.



forum@thetartan.org

Washington D.C.'s unspoken problem in Capitol Hill

Lauren Kelly

LAUREN KELLY
Staffwriter

Capitol Hill has a problem. No, it is not Donald Trump. It is not extreme partisanship, either. Jobs and internships on Capitol Hill are highly sought after, yet not many people can actually afford these opportunities.

The issue is that, like most other major cities, the cost of living in Washington, D.C. is expensive. For those seeking internships and staff positions on the Hill, this can be a barrier. Because only certain types of people can afford to take up these positions, staff on the Hill is not as diverse as our country.

Internships on the Hill are highly competitive. Political science undergraduates all over the country dream about walking down the halls of the Capitol with their Senator or Representative, but this dream is stopped short when they see the price tag of short-term housing in D.C. and the word “unpaid” in their offer letter. Many people who would love to intern on the Hill are barred from doing so because of money, which disproportionately affects minorities.

Some student interns can receive outside funding from organizations like College to Congress, which will pay for all expenses incurred while interning in D.C. Programs similar to College to Congress help minorities and low-income individuals secure internships on the Hill.

Nonetheless, as someone who did intern on the Hill, these programs have not cured all of the issues with the lack of diversity.

Unpaid internships are often advertised as “good experience,” but the reality is that when they are unpaid without a travel stipend for gas or the metro, interns are actually paying money to show up to work. This is corrupt, especially given that most interns on the Hill do not actually receive the policy experience they seek. Rather, they are trained to answer phones and give tours of the Capitol building. The administrative tasks that interns on the Hill perform do not classify as “good experience,” thus these unpaid internships can no longer be justified with such an excuse.

This past summer, the Democratically-controlled House of Representatives appropriated some funds to pay their summer interns. Each office in the House was given \$20,000 annually to cover intern payment and the Senate offices are appropriated funds depending on the size of their state. Depending on the office and their average amount of interns, interns are paid at least \$1,000 per month. This pales in comparison to what interns in the private sector are paid, but it is a start and interns can use some of the money to pay off their D.C. expenses. This low intern salary will still be a barrier to some.

It is promising to see that Congress is trying to improve where they have failed and hopefully these new funds will create more opportunities for increasing the diversity of Hill interns. Although Congress is

slowly moving on the matter of paying their interns, another problem remains: low staff salaries and the discrepancy of pay between senior staffers and everyone else.

Entry-level positions such as Staff Assistant or Scheduler have salaries of about \$25,000 annually, before taxes. How is this sustainable? Such a minimal salary limits many people from being able to accept positions on the Hill.

Other more experienced positions, like Chief of Staff, receive an average of \$150,000 per year, according to the Congressional Research Service. Obviously the Chief of Staff should be paid the most, but other positions like the Press Secretary, Communications Director, Caseworker, and Legislative Correspondent are paid much less. In fact, most Communications Directors make less than \$70,000 per year and Legislative Correspondents make around \$45,000 annually. Many positions on the Hill offer salaries of less than \$55,000 per year, which is probably why staffers do not stay on the Hill for too long.

When Alexandria Ocasio-Cortez was elected to Congress, she vowed that each one of her staffers would receive a minimum salary of \$52,000 per year. She does follow closely to her principle of paying her staffers a living wage, but in doing so she has made sacrifices. She has a much smaller team than most members on the Hill. And in reality, \$52,000 per year is not that much in the grand scheme of things, especially when you are paying D.C. rent.

It is no secret that government jobs are not highly paid, but when



Courtesy of Geoff Livingston via Flickr Wikimedia

Capitol Hill is a coveted yet inaccessible destination for many qualified students.

they are paid so little that staffers have to rely on their parents or a second job for extra funding, it is a crime. Staffers on the Hill do not work your typical nine-to-five job. Some staffers work on the

weekends and late nights. Some never stop working at all. And they are not paid what they deserve. Congress came around in paying the interns, and it's time for them to do the same for their staffers.

Youth and activism

Madeline Kim

MADELINE KIM
Forum Editor

Just a year ago, Greta Thunberg was alone in the climate strike, striking outside the Swedish Parliament to highlight the Swedish government's inaction on combatting climate change. This year, she is heralded as the leader of a movement that has inspired millions to join the strike. As much praise as she is receiving for “bringing momentum” to climate change activism, the criticism has been vicious. The two most prominent areas of attack have been her abilities and her age.

There's no doubt that what Thunberg is doing is mentally tolling for anybody, regardless of their previous mental stability. However, the topic of mental health and ableism would not be in the conversation if a “normal” teenager were to lead the climate strike. In her 2018 TED talk, Thunberg shares that “she was diagnosed with Asperger's, OCD, and selective mutism.” She calls her Asperger's diagnosis her “superpower,” but that does not stop people from using her diagnoses as a way to “prove” she is mentally unstable or otherwise incompetent.

Just as recently as last Monday, Sept. 23, Michael Knowles from the Daily Wire was a host on Fox News and called Thunberg a “mentally ill Swedish child who is being exploited by her parents and the international left.” Since then, a spokesperson for Fox News told *The Washington Post* “the comment made by Michael Knowles who was a guest on The Story tonight was disgraceful — we apologize to Greta Thunberg and to our viewers.” However, Knowles refuses to apologize, defending himself by saying that “there is nothing shameful about living with mental disorders” but there is “with exploiting a child—particularly a child with mental disorders—to advance your political agenda.”

This leads to the other major point of criticism: her age. To some extent, I understand why people are uncomfortable with the thought of listening to a teenager. The power dichotomy feels reversed. Younger people generally look up to the expertise of older generations; Thunberg, in being the face of a global movement, flips those tables. I also think back to what I was

like as a 16-year-old and I cringe. I'm sure most people will say the same about themselves. However, it's important to not project our embarrassment from our teen years onto other teens. These people are raising understandable concerns about the trajectory of our planet. Their futures are the ones being affected by our current policies and decisions.

Also, I understand why someone's youth may be associated with naïveté or susceptibility. Teenagers can be prone to social pressures like peer pressure or parental pressures. However, Thunberg made it clear that her activism was based on her own passion, not her parents' ambitions. Last year, Thunberg's parents “weren't very fond of [a school strike],” telling her that “if I were to do this I would have to do it completely by myself and with no support from them.” Although they are much more supportive now and have changed their lifestyles to honor their daughter's cause, Thunberg herself took the first step.

It's also important to note that Thunberg is not asking to be a leader of the climate change response, nor does she claim to know the exact policies that will save us from our climate crisis. Does she offer suggestions, such as limiting aviation and consuming a plant-based diet? Sure. However, on a larger scale, she is trying to raise awareness, directing the authority towards climatologists and holding policymakers accountable.

There are far more young activists fighting for climate protection. Autumn Peltier, an indigenous Canadian, advocates for clean water. Alexandria Villaseñor founded Earth Uprising. Alongside Thunberg, she helped organize the Sept. 20 climate strike and filed a complaint against five of the world's largest emitters of greenhouse gasses. This is the tip of the iceberg; there are more young activists fighting for a cleaner planet.

Frankly, I don't know the “right” answers to how to combat climate change. I don't know what policies will most effectively stop us from hitting the 2°C benchmark or how best to realistically protect the environment while allowing society to continue normally. Neither do the children who participated in the school climate strike. Even Thunberg and the other on-the-rise youth activists don't. All we simply ask is for dialogue that can help us find these solutions and policy to follow.

Carnegie
Mellon
University

2019 Buhl Lecture

Looking Backwards with the Cosmic Microwave Background



Suzanne Staggs
Princeton University

Tuesday, October 8, 2019
3:00 p.m.
Mellon Institute Auditorium

Science & Technology

“Alexa, dance”: Translating language into movement

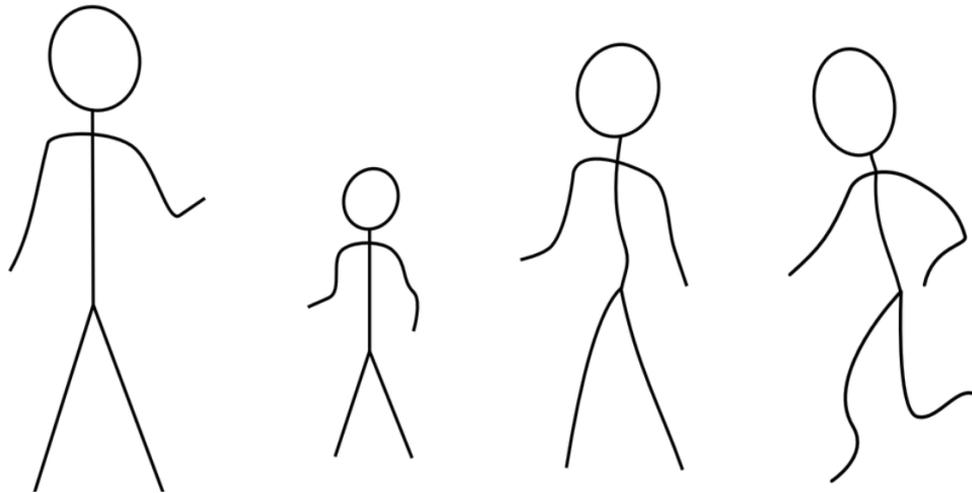
CLYTZE SUN
Staffwriter

While we are getting accustomed to having a black cylindrical device responding to our questions and playing music for us, our sci-fi dream remains unfulfilled: when can we have our own home robots that move and finish tasks according to our verbal commands?

Associate professor at the Language Technologies Institute (LTI) Louis-Philippe Morency and Carnegie Mellon Ph.D. student Chaitanya Ahuja have developed a computer model that can translate our daily language describing physical movements directly into minimalistic, computer-generated animations. They named this neural architecture Joint Language-to-Pose or JL2P, with the goal of turning film scripts into animations.

In a press release, Morency said, “Right now, we’re talking about animating virtual characters. Eventually, this link between language and gestures could be applied to robots; we might be able to simply tell a personal assistant robot what we want it to do.” With this goal in mind, researchers are teaching robots to understand human language and move accordingly.

Morency noted that the



The computer model created by Carnegie Mellon researchers converts text that describes movement, such as a film script, into basic animations. Currently, the visuals are confined to outlines of stick figures, but the technology has potential to automate robots.

novelty of this research is the fact that, unlike the existing learning process, where robots learn movements and languages separately, JL2P is able to realize simultaneous learning of language and movements, allowing semantic associations to be projected onto movements.

With their model, robots would be able to associate words such as “run,” “jog,” and “walk” closely together, while discriminating their meanings. Instead of only responding to detailed commands

exclusively in computer languages that disassemble every movement into single-joint operations, robots would be able to comprehend high-level commands in English and execute compacted movements. “Language [would be] their guide,” Morency concluded, on the way JL2P would empower robots’ learning capacity.

The Tartan also sat down with Ahuja, who presented JL2P last week in Quebec City, Canada, at the International Conference

on 3D Vision. Ahuja further explained the mechanism behind JL2P’s central idea: the process of mapping sentences with motions. Since the same sentence can be represented with different animations — “a person walking” can be translated into animations walking at different speeds — their model breaks down sentences and treats words such as “walk” as concepts.

“Making those concepts requires joint embedding,” a process that vectorizes sentences

into numbers, says Ahuja. Through joint embedding, they are able to translate semantic associations into conjunctions of concepts understood by computers. Ahuja provided an example of how conjunctions capture the complexity of language: “If ‘bank’ comes in conjunction with ‘money,’ it means it’s a ‘bank’ for money transactions, not a sea ‘bank.’”

In regards to their research’s future direction, Morency said in a press release that their goal is moving from “narratives to pose” to “speech to pose.” Eventually, they hope their model will be able to animate “what people say.” This step requires not only an adaptation of verbal commands, but also an ability to animate people’s emotional expressions, that are pervasive in daily dialogues. To face their next challenge of animating emotions, Morency explained that introducing emotions can drastically increase the space of a commanded action, so getting a large amount of sample data would be crucial in advancing their model.

As Morency, Ahuja, and other researchers continue their journey of pushing the boundaries of human creation, they envision a future of close interactions between humans and robots.

Like dogs, cats bond with owners

SEAN MIN
Staffwriter

Although cats are popularly well known for their independent and aloof nature, a recent study published in the journal *Current Biology* on Sept. 23 discovered that the responses of cats raised as pets to their caregivers is quite similar to those of human children and dogs.

The researchers concluded that the degree of attachment that cats have to their human caregivers and their socio-cognitive abilities have been vastly underestimated in years past. Children, dogs, and cats alike forge both secure and

majority of cats are securely attached to their owner and use them as a source of security in a novel environment,” explained Kristyn R. Vitale Ph.D., a researcher at Oregon State University (OSU) who specializes in cat cognition and behavior, in an interview with Cell Press.

A time-tested method to study the attachment behavior of infants is to watch the reaction of an infant in a new area to reuniting with their caregiver, after the caregiver in question leaves for a brief period of time. Infants who have formed secure bonds decide to explore the area as leisurely as they had been

colleagues to conduct the same experiment with cats.

Vitale and her colleagues conducted the experiment by placing an adult cat or a kitten in a room completely new to them alongside their caregiver. They then instructed the caregiver to leave the room for two minutes. The caregiver was then told to return to the room and reunite with their cat for two minutes. Each cat’s attachment style was determined based on how they responded to reuniting with their caregiver.

The study showed that cats actually bond similarly to human infants. A full 65 percent of infants have formed a secure bond with their caregiver. Indeed, a full 65 percent of cats and kittens have also formed a secure bond with their caregiver.

Vitale speculates that cats’ ability to form stable human attachments may have led to their popularity as pets.

“We’re currently looking at several aspects of cat attachment behavior, including whether socialization and fostering opportunities impact attachment security in shelter cats,” Vitale stated in Cell Press. Vitale and her colleagues are currently looking at the implications of their work on the thousands upon thousands of cats and kittens now stuck in animal shelters.

“The majority of cats are securely attached to their owner and use them as a source of security in a novel environment.”

Kristyn R. Vitale
Oregon State University

insecure bonds with their owners. Many researchers in the past thought that only canines had the ill-defined traits that allowed them to bond with animals from other species, but this new study demonstrates that these traits are clearly not canine-specific.

“Like dogs, cats display social flexibility in regards to their attachments with humans. The

before the departure of their caregiver, whereas those who have formed insecure bonds are either excessively clingy, or act in an avoidant manner. Although this method is typically used to test infants, tests of this nature have also been conducted with canines and primates. Therefore, it seemed like an obvious experiment to Dr. Vitale and her

Courtesy of Susann Mielke via Pixabay



Siebel Scholars Class of 2020

The Siebel Scholars program was founded in 2000 to recognize the most talented graduate students in business, computer science, bioengineering, and energy science. Each year, over 90 outstanding graduate students are selected as Siebel Scholars based on academic excellence and leadership and join an active, lifelong community among an ever-growing group of leaders. We are pleased to recognize this year's Siebel Scholars.

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Thomas Foulkes

THE UNIVERSITY OF TOKYO SCHOOL OF ENGINEERING

Sangwon Kim

California introduces bill to give student athletes some protections

CYNTHIA XU
Junior Staffwriter

It's no surprise that college athletics can be a huge source of revenue. In 2015 alone, Division I college sports programs managed to bring in a whopping \$9.1 billion, the majority coming from ticket sales, television contracts, apparel deals, and merchandise sales. It did seem, however, a little curious that the NCAA, despite being a nonprofit organization, reported a revenue of over \$1 billion.

It is without question that college athletes literally play an imperative part in this

Bylaw 12.5.1.1.1 states that the NCAA can use them to promote their own events and programs. This means that while the NCAA makes millions by using names and pictures of athletes to promote championships and such, the athletes themselves would face being deemed "ineligible" to play if they attempted to do the same.

Legislators in California are attempting to change this with Senate Bill No. 206, also called the "Fair Pay to Play Act." Some of the goals of SB 206 include the prohibition of team contracts preventing student athletes from taking compensation for

continues to focus on the best interests of all student athletes nationwide. NCAA member schools already are working on changing rules for all student athletes to appropriately use their name, image, and likeness in accordance with our values."

Perhaps instead of stalling and working to stifle these reformatory efforts with claims that similar efforts are being made, the NCAA should take the initiative and work with California, along with the rest of the states, to implement at least some of these rule changes. After all, actions speak louder than words.

Perhaps instead of stalling...these reformatory efforts with claims that similar efforts are being made, the NCAA should take the initiative and work with California.

system. However, unlike their professional counterparts, student athletes are considered amateurs by the NCAA, and for this reason, are unpaid. While it is true that scholarships and such can be given out, the costs of college can remain a financial burden for economically disadvantaged student athletes.

NCAA rules for college athletes are considerably stringent, especially for those playing in Division I sports. Athletes are not allowed to receive any sort of benefit or payment relating to the use of their name, image, and likeness, and are prohibited from participating in advertising or promotion-related activities related in any way to their sport.

Although athletes themselves aren't allowed to use the aforementioned aspects of themselves to participate in commercial promotions, NCAA

use of their name, image, and likeness from participation; and the prohibition of revoking their scholarships for the same reasons, or for obtaining authorized legal representation. In essence, the bill would not require colleges to pay student athletes, but grants student athletes the right to make money off of their names, images, and likenesses—rights enjoyed by virtually everyone else.

According to the NCAA Board of Governors, however, this bill is a mistake. In a letter sent to Governor Gavin Newsom, they state "We urge the state of California to reconsider this harmful and, we believe, unconstitutional bill." According to them, California's bill will only make them ineligible to play in the NCAA because they'd have an "unfair recruiting advantage." They insist that "The NCAA

SB 206 was passed in the California State Assembly unanimously on Sept. 9, a feat that was replicated with the California State Senate on Sept. 11. It has now made its way to Governor Newsom's desk. If signed, the measures listed on the bill would be in place by Jan. 1, 2023. Other states, including Colorado, Maryland, New York, South Carolina, and Washington have been discussing similar legislation.

In a speech to a group of NCAA Division I athletic directors last Tuesday, President of the NCAA Mark Allen Emmert called SB 206 an "existential threat" against the collegiate model. Ultimately, however, it may be time for the collegiate model to handle this "threat" through efficient change rather than continued resistance. The NCAA needs to start to work with states and their students.

MLB playoffs are starting this week

SPORTS, from A10

interesting off the field for fans of off-field drama.

In the other ALDS matchup, the Astros will face either the Oakland Athletics or the Tampa Bay Rays. Both the A's and the Rays have had strong second halves of the season, and each team is working with a roster straight out of *Moneyball*. If you're a Pirates fan looking for a team to cheer for, I recommend the Rays. After all, Chris Archer was a Ray once upon a time. As for the Astros, they're coming off an amazing season from pitching ace and certified old person, Justin Verlander. In his final start of the season, Verlander hit 300 strikeouts for the season and 3000 for his career. If either of the Wild Card teams gives the Astros a run for their money, then the series will be worth watching.

On the other side of the MLB, my hometown Philadelphia Phillies disappointed. They finished at 81-81, fourth place in the NL East, but they were a strong contender in the first half of the season; maybe with a little more growth of their younger players, they could be a serious threat in October in the future.

Neither NLDS series is set as of mid-afternoon on Sunday. The Milwaukee Brewers are within one game of the Cardinals, so if the Cardinals lose to the Chicago Cubs and the Brewers beat the Colorado Rockies, there will be a game 163 to determine the winner of the NL Central. However, the Dodgers and the Atlanta Braves have won home-field advantage in the NLDS by winning their divisions with records better than either potential NL Central winner. The Washington Nationals have also locked down a place in the Wild Card game.

The Dodgers looked strong

down the stretch, but it's not saying much, as the last of their games against the NL West were a cakewalk. The Arizona Diamondbacks were the only team above .500, and they were only seven games over. It was a rough year for the NL West.

On the other coast, the Braves came out on top of a cutthroat division where every team, save the Miami Marlins, was above .500 for the season. Led by some very strong young players, like Ronald Acuna and Mike Soroka, the Braves have proven to be contenders in spite of their age. Veterans Dallas Kuechel and Mike Foltynewicz are good in the clubhouse, despite some of their performance issues.

In the Wild Card games, the Nationals are on a hot streak to end the season. Without Bryce Harper, the team has proven to be as good as they were with Harper, but the team has always struggled in the postseason, never making it out of the NLDS in recent years. The Cards and Brewers have stumbled into the postseason as major players on each team have gotten injured. Their fight to see who wins the NL Central is less about who is the better team, but who is able to hold onto their position.

As the final day of the regular season wraps up, the playoffs are looming large. October is my favorite month, not just because of sweaters and pumpkin-flavored things, but because baseball playoffs are the most exciting thing to happen to me all year.

And maybe over the course of the winter, the Pirates Front Office will care about their team's performance. Maybe they'll try to sign a player who can really help round out the team. Maybe when the Pirates return to spring training, the hope for a good season will turn out not to be false hope. I'm not holding my breath.

FEATURE PHOTO

Men's tennis has first home invitational of fall season



Marika Yang/Staff Photographer

The men's tennis team invited a few local schools to participate in fall exhibition matchups to tune up for the spring season, where the team will look forward to showing off their top notch recruiting class.

Sports

CMU football wins big continuing streak at St. Vincent

MARIKA YANG
Publisher

The Carnegie Mellon University football team traveled to Latrobe, PA to take on the Saint Vincent College Bearcats on Saturday, coming away with a 49-14 victory. The Tartans remain undefeated on the season with a 4-0 record and 3-0 record in Presidents' Athletic Conference play.

The Tartans excelled on both sides of the ball. Junior quarterback JD Dayhuff finished with 218 passing yards, with one rushing touchdown and four through the air, all of which went to sophomore wide receiver Kris Hughes, who also had a career game with 5 catches for 120 yards. Senior running back Chris Haas led the Tartans with 58 yards on 12 carries, while Dayhuff added 47 yards on the ground.

The defense also played a standout game, forcing six turnovers (while the Tartans offense had none). After the Tartans ended the first drive of the game with a punt, senior linebacker Quinn Gaughan forced a fumble on the Bearcat's first offensive play of the game. The fumble was recovered by senior safety Thomas Polutchko at the Bearcats 16-yard line. The Tartans offense took the field, and on very next play, Dayhuff ran the ball into the endzone for the first score of the game.

Two drives later, the defense made another play that led to a score. With the Bearcats backed up on their own 1-yard line, the defense forced an intentional grounding penalty in the endzone, leading to a safety and a 9-0 lead to the Tartans. Later in the first quarter, Dayhuff drove the offense down the field for a field goal by sophomore kicker Brandon



Photo courtesy of CMU Athletics

Wide out Kris Hughes, above, was responsible for receiving all of the Tartan's touchdowns through the air, a total of four, with Hughes receiving five passes.

Nguyen to extend the lead to 12-0 with less than a minute left in the quarter.

The Bearcats answered with their first score at the start of the second quarter after converting a 3rd and 20 from midfield to the Carnegie Mellon 12-yard line and on the next play scoring with a 12-yard pass by Bearcats quarterback Brady Walker. The Tartans offense struggled to move the ball for much of the second quarter, with three short drives, including two three-and-outs. The defense kept the Bearcats from putting together a scoring drive with strong play, including an interception by senior cornerback Anthony Kennon.

In the final drive of the first half,

the Tartans offense found some momentum. Senior wide receiver Willie Ritcher returned a Bearcats punt 29 yards to the St. Vincent 35-yard line for great field position. After an 18-yard rush by Dayhuff and a 15-yard completion to junior wide receiver Alec Oshita, Dayhuff found Hughes in the endzone with four seconds left in the half.

The Tartans entered the second half with a 19-7 lead, and the Tartans continued where they left off. An interception by junior linebacker Mason Tolliver cut the Bearcats' opening possession short. The offense capitalized on the next play with a Dayhuff-to-Hughes 14-yard pass for a touchdown, bringing the score to

26-7. Midway through the third quarter, the Bearcats drove down the field 67 yards, capped by a 10-yard touchdown by Walker.

The Tartans responded on the next drive. Benefiting from a 39-yard return by senior running back Sean Cooke, the Tartans rushed the ball four straight times before Dayhuff found Hughes again in the endzone, this time for 18 yards. A missed extra point kept the score at 32-14, but a field goal late in the third quarter cushioned the Tartans' lead going into the fourth quarter.

The defense shut out the Bearcats for the rest of the game, recovering two fumbles and an interception by Walker. Dayhuff

led the offense to another score to Hughes, this time for 54 yards, the longest play of the game. First-year running back Ryan Shaw scored the final touchdown on a 15-yard run, his first career touchdown.

Though the Bearcats led the Tartans in time of possession and finished with more rushing yards, the story of the game was the turnover margin (and the Tartans' 49 more passing yards). While the Tartans remain undefeated, the Bearcats move to 0-3 on the season and 0-2 in conference play.

Next week, the Tartans are on the road. They will battle Grove City College on Saturday, Oct. 5. Kickoff is set for 2 p.m. Grove City is 2-2 on the season.

October is here: MLB playoffs begin, and there are no Pirates

MATTHEW BENUSA
Sports Editor

In the next week, October is going to begin in earnest. The first days of 60-degree highs, fall colors, sweaters, ghosts and ghouls, and playoff baseball are scheduled to begin this week. With the last day of baseball's regular season on Sunday and the playoff teams set before game 162, there has been little controversy surrounding the playoffs so far, but once the first pitch of the NL Wild Card game is thrown on Tuesday, it will only be three weeks until the World Series.

There are four teams with 100 wins this season, and three are in the AL. The New York Yankees, Minnesota Twins, Houston Astros, and Los Angeles Dodgers all hit the 100-win mark, while, hilariously, the Detroit Tigers couldn't even hit 50 wins. The Pittsburgh Pirates ended the season with a record of 69-93, 22 games behind the NL Central-winning St. Louis Cardinals. Even though it was a disappointing end to the season for the Pirates, the baseball postseason is still exciting for fans of the game.

The Yankees are facing the Twins in the division series, and

the Yankees have defeated the Twins in their last 10 playoff matchups. Additionally, the Twins haven't won a playoff series since 2002. But with a slow September, the Yankees are looking especially vulnerable moving into October. Over the course of the season, the only team capable of matching the Yankees home run numbers was the Minnesota Twins, and after last week's pronouncement from the Twins president about how it's "time to slay the dragon," the series will at least be

See **SPORTS**, A9

Penalty shouts: Big Ben is literally dead

MATTHEW BENUSA
Sports Editor

This is Penalty Shouts, The Tartan's sports column inspired by the 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.

the ground. The sun darkened, and the day turned to night. Lighting struck the top of the BNY Mellon building, and from the basement of that building, Baal, Moloch, and Mammon awoke. Their spirits ascended and began to chant "Roethlisberger," until the physical form of Big Ben was incinerated. His spiritual form turned into a glowing ball



Anna Boyle/Visual Editor

Two weeks ago, Ben Roethlisberger gratuitously and ceremoniously died on the football field. There are reports of him going down and screaming "The horror! The horror!" as he stared off into Nothingness, also known as Roger Goodell's soul.

I'm not a conspiracy theorist. In fact, I hate them. But are we just going to blindly trust all the news, video evidence, and a great Ben Roethlisberger look-alike when they say it's just an elbow injury? Of course not. Wake up, sheeple. Ben Roethlisberger was sacrificed by the Steelers to the sporting gods so the Penguins could win a Stanley Cup. They may have asked about the Pirates winning a World Series, but there's as yet no power in the world strong enough to save them.

Here's my evidence on why Roethlisberger must have been sacrificed. On the day he was injured, there was a great storm. The winds were blowing and knocking over trees. It started to rain, but the drops rose from

of energy, that flew into the outstretched hand of Moloch, now standing above the city of Pittsburgh.

Moloch shouted, "Pittsburghers! The protector of your city has been sacrificed to the gods of the underworld, and your city will now be ours!" All three deities then disappeared, along with the glowing orb of energy. The storm stopped, and the sun came out. Famed Pittsburgh meteorologist, Jeff Verszyla, later called it an anomalous event. Shortly thereafter, everything went back to normal, or so they thought.

Without Roethlisberger at the helm, what are the Steelers supposed to do? Can Ben escape the clutches of evil demons and regain his physical form? Will the city of Pittsburgh survive without their protector? Find out next week on "Penalty Shouts: My conspiracy on what actually happened to Ben Roethlisberger because he definitely didn't just hurt his elbow."



Photo courtesy of Michelle via Flickr Wikimedia Commons

Even though the Indians didn't make the playoffs this year, the end of the season is still a time for celebration.



pillbox

The Tartan's Art & Culture Magazine

9.30.19 • B3 AWFBEAT • B7 Sigrid Nunez • B13 Tyler, the Creator

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Publisher Marika Yang **Editor-In-Chief** Nora Mattson
Pillbox Editors Sujay Utkarsh and Alexandra Yu
Visual Editors Tracy Le and Anna Boyle
Copy Manager Wilson Ekern **Cover Photo** Alexandra Yu

INTERVIEW WITH AWFBEAT

article and photo by Madeline Kim | Forum Editor
layout by Alexandra Yu | Pillbox Editor

2019 has been a big year for AWFBEAT, the musical duo consisting of Uni Hunte and Grant Glazier. The two sophomores have released two tracks on Spotify, "Better than Me" and "Side Eyes," and amassed over 20,000 monthly listeners on the platform. They also opened for Bülow at the Activities Board-sponsored concert earlier this month.

Hunte is originally from Harlem while Glazier is originally from D.C. The two artists' paths coalesced when they met at a pre-college program here at Carnegie Mellon. There were no long-term expectations then. They simply created a group to make music over the program and expected to never see each other again afterward.

Fast forward to Orientation Week 2018. The two found out that they both lived in Stever and immediately rushed to see each other. Their complementary personalities and skills allowed them to take off with AWFBEAT from there. Hunte took over writing the lyrics, and Glazier filled in with the music production.

The name "AWFBEAT" may have been coined from a random word generator spitting out the words "off" and "beat," but they have begun to attribute deeper meaning to their moniker. The deliberate misspelling of AWFBEAT's name encapsulates the two's desire to do something different or even something conventionally considered "wrong." By naming themselves something that most artists aim to avoid or be otherwise skeptical to dabble in, the pair demonstrates that they aren't afraid to go outside the norm.

AWFBEAT doesn't see their schooling and musical career as a zero-sum game where they have to choose one or the other. Both believe that their Carnegie Mellon experience has greatly contributed to the development of their musical career. AWFBEAT's first songs were written using Carnegie Mellon's piano in Stever.

"Not prioritizing school doesn't seem like an option," Hunte succinctly summarizes.

"Better Than Me" was released in February. The song appears to be a standard love song about admiring someone from afar, but it actually was inspired by "true infatuation with someone's talent." Being in an environment like Carnegie Mellon where one is constantly surrounded with incredible talent and passion can be overwhelming, and that aura did not go unnoticed by the duo. Ultimately, this culminated "genuine awe in meeting someone" and seeing someone who makes one go "damn, she is 'better than me.'"

"Side Eyes," as stated by the duo, is about the story of a woman dealing with a man who is awful to her. Hunte draws from his upbringing "by strong women," most notably his mother and his two sisters, saying that he "learned the most" from them. After coming to Carnegie Mellon, he and Glazier both met people with inspiring stories and personalities that all helped shape their further development into early adulthood.

Their contribution to the creative scene at Carnegie Mellon doesn't stop at their music. Now, they reach out to other campus resources and collaborations with other students. Most recently, the two collaborated with Charles Wang of White Porcelain on some merchandise, which was sold when they opened for Bülow. As they expressed in the making of their track "Better Than Me," the two recognize the outstanding amount of talent and passion on campus and want to expand their network to

both showcase their talent and other students' talents.

What does the future look like for AWFBEAT? Just like any other college student, both Hunte and Glazier are taking it day-by-day. Attending Carnegie Mellon and being emerging artists are both difficult as is individually. Juggling the two is demanding and keeps the two on their toes.

For now, though, they're going to work on learning to "take care of ourselves" and allow their art and schoolwork to influence one another. Their hearts are truly in the work, which is bound to take them far.



BASTILLE: DOOM DAYS TOUR

article, photos, and layout by Alexandra Yu | Pillbox Editor

I saw Bastille for the first time in 2017 at Xfest presented by 105.9 the X at Stage AE. As much as I had a blast during Bastille's set at this festival (and met one of my closest friends through the concert), Bastille was the only group at the event that I actually wanted to see. So, I was thrilled to find out that they were returning to Stage AE for their first headlining appearance in Pittsburgh. It was great not enduring five hours of random other groups' music while waiting for one of my favorite bands to take the stage. Bastille stopped in Pittsburgh on Sunday, Sept. 22, and the experience seeing them perform was even better than the first time around.

The *Doom Days* Tour follows the release of the band's newest album of the same name over the summer. Although their past albums – *Bad Blood* and *Wild World* – were absolutely brilliant, I loved the maturity and cohesiveness of both theme and sound throughout the songs in their newest record.

Joywave opened the night for Bastille. Part-way through the set, Joywave's lead singer Daniel Armbruster admitted that someone on Twitter likened him to a "used car salesman," and although I didn't think he was the most charismatic and felt he was hard to understand over his bandmates' loud instruments, it was still a decent performance and they intrigued me enough to give them another shot after I got home. Listening to their 2015 album *How Do You Feel Now?*, there were a handful of songs I genuinely enjoyed (now that I could actually understand and appreciate their lyrics and overall sound). Notable songs include "Tongues," "Traveling at the Speed of Light," "Now," and "Somebody New." I look forward to taking on their 2017 release *Content* next, and whatever music they release in the coming year before their own tour in early 2020.

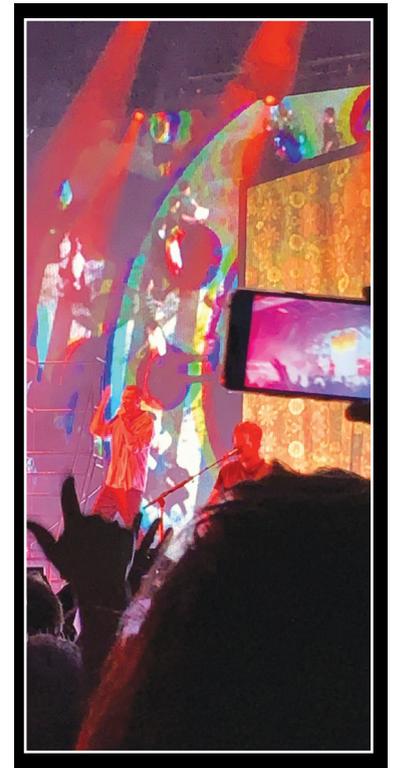
I can definitely understand why Bastille paired up with the band for the tour. They both have such an interesting and distinct style, but they complement each other well. In fact, the song "Destruction" in particular reminds me a lot of songs from Bastille's second album, *Wild World*. Interestingly, both bands had their start in 2010. However, there is something definitely less "mainstream" about Joywave.

Neither are "mainstream" per se, but I'd say that Joywave falls further into the indie category than Bastille. For one, their utilitarian, safety vest-style shirts made quite the statement, and the photo of them in the same uniforms posing in front of a Pittsburgh ambulance that they posted on Instagram with the caption, "Thanks for calling 911 Pittsburgh. What's your emergency?" also exhibits a strange sense of humor that falls a bit short.

Bastille, on the other hand, continues to wow me with every show I've been to. The concert was divided into three acts – "Act 1: Still Avoiding Tomorrow," "Act 2: Those Nights," and "Act 3: The Morning Doesn't Reach Us" – and each one was as incredible to witness as the one that came before it.

Lead Dan Smith often takes a brief interlude to discuss the work, and this time, he spoke of how music is a form of escapism, but his band also has a tendency to take their music in darker directions.

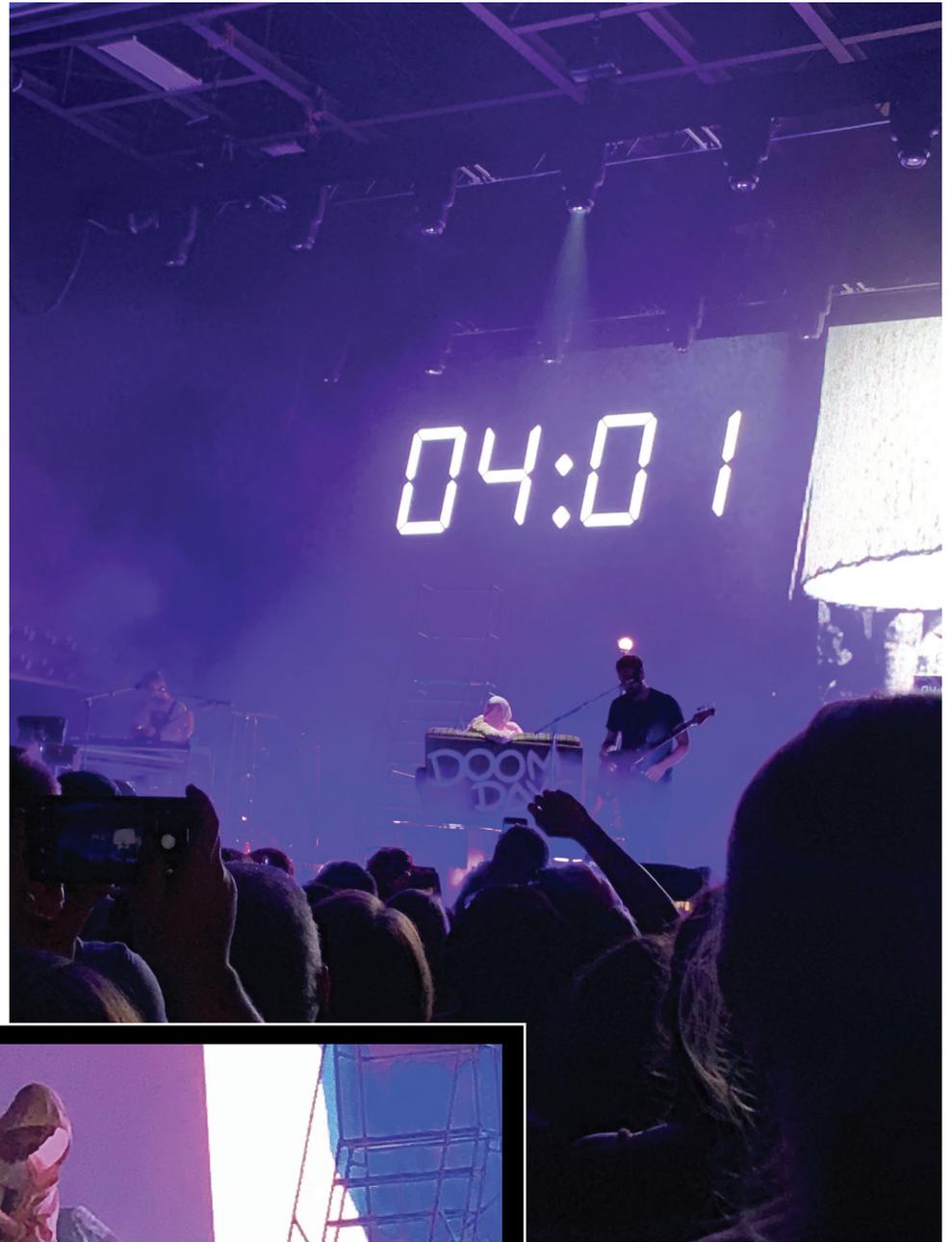
The struggle between seeking an escape and facing reality is prevalent in Bastille's work, and this conflict is seen in "Act 1: Still Avoiding Tomorrow," both in the title and content. The last three songs in this section particularly summed up these thoughts, with *Doom Days*'s "The Waves" and "Bad Decisions," and *Bad Blood*'s "Flaws." There is a clear contrast between the two ideas in "The Waves." The third and fourth lines of the song encapsulate the escapism: "We never, never give up on the lost boy life / So here we are, escaping from the world outside," but later, they reveal the dangers of people "get[ting] carried away" and "caught up in the waves" at parties. "Bad Decisions" simultaneously accepts and rejects reality, with an emphasis on "tak[ing] a bow for the bad decisions that we made" while also continuing to "make the same mistakes / 'Till the morning breaks" as the world possibly falls apart around us.



"Act 2: Those Nights" took a perceptibly darker turn, with the lights dimming and Smith donning a hooded jacket, casting his face in shadow with the hood up for much of this segment and into the third. Opening the act, Smith was splayed out on a rotating couch, singing the honest lyrics of "Those Nights," a song made more powerful by the slower tempo and minimal instrumentals. The group then transitioned into performing songs like 2012's "Bad Blood" and the album's eponymous track "Doom Days." In an interview with Billboard, Smith spoke of the writing process for "Doom Days," the last song he wrote for the album, and explained that "it allowed me to look back at the record and think, if it's an album about escapism, I needed to articulate what I needed escaping from. I wanted it to have no structure and flow like a rap, and to cram in as many references and points about life and anxieties in 2019 as I possibly could."

Closing out the night, "Act 3: The Morning Doesn't Reach Us" included "Another Place," "A Million Pieces," and the 2012 hit "Pompeii," tied together by lyrics that expose human vulnerability and desperation for an escape from reality once more. In "Another Place," Smith sings of flings, struggling between asking to "lie to me tonight and pretend 'til the morning light / And imagine that you are mine" and what is really wanted, to not "make promises to me that you're gonna break / We only ever wanted one thing from this." In "A Million Pieces," there is a difficulty in facing the horrors of reality, trying to push away the bad thoughts and difficult conversations that need to be had: "Leave it 'til the morning / I don't wanna know / Breaks my heart / Breaks my heart into / A million pieces." With "Pompeii," the world is crumbling as we know it, but we still cling to what once was: "But if you close your eyes / Does it almost feel like / Nothing changed at all?"

Each aspect of the concert — whether it be the subtle costume changes, the videos playing on the screen behind the band, or the way that Smith interacts with his bandmates, the set, and the audience — adds a new layer that really elevates Bastille's performance and shoots them to the top of the list of my favorite bands to see live. Smith continued to apologize for being sick and not being able to sing to his full potential, but I couldn't even notice because he carries himself so well on stage. Whether he's jumping off platforms, wandering through the crowds during a song, turning the mic out toward the audience, or merely just crossing from one side of the stage to another, he feeds off the energy from the audience and knows how to liven up a show. Bastille put on another spectacular performance at Stage AE last Sunday, and I hope they continue to include Pittsburgh on their tours because they're a group you won't want to miss.



AD ASTRA

written by Matthew Benusa | Sports Editor
art by Rebecca Ennight | Art Editor
layout by Sahaana Sethu | Junior Layout Designer

Ad Astra is in much the same vein as the other recent, hyperreal, science fiction features about a near-future world with just a hint of dystopia: *Gravity*, *Interstellar*, and *The Martian*. Much like these others, our main character (Brad Pitt) travels to the far reaches of the galaxy to find out just how much he loves the Earth. As a whole, the movie is a generally successful work, that hits the right notes about increasingly aloof psychological states, extraterrestrial life, and the limits of science; additionally, it's only slightly preachy and referential to Kubrick and Tarkovsky.

All of the parts of the movie were basically good.

Max Richter's score is adequate. The neoclassical composition is probably the only thing that would have worked well for the movie. The editing is in the classic style of Hollywood: nothing too heavy-handed or obtuse. Cinematographically, there are a few interesting choices, like filming a dope moon car chase scene from miles above, but generally, it feels like a pastiche of all the great cinematic moments of *Gravity* and *The Martian*, with a touch of Kubrick. There is little in the set or costume design to distinguish itself from other science fiction movies. However, Pitt's sneaker game is the essential drip. Pitt's performance may have been the standout aspect of the movie, but it's often minimized by a voice-over that explains his interior narrative.

As for the plot of the movie, it's the classic family melodrama dropped into space. It's well-constructed, hits all the beats, and the implications of the relationship between Pitt's Roy McBride and Tommy Lee Jones's Clifford McBride are more effective emotional confrontations than those presented in *Once Upon a Time in Hollywood*. Both feature cult-like leaders or an adjacent representation, and both feature main characters played by Pitt, who is almost tempted into the

world of the cult by a person his character loves (or is sexually attracted to). In the end, Pitt escapes by metaphorically murdering the part of his character that is attached to the cult, and he returns to the normal world.

Ultimately, I think this movie is very close to being the best of the recent science fiction production, even one of the best movies of the year. But there are just too many moments that diminish the really successful things the film does. If James Gray went back to the editing room, took out half an hour of Pitt staring at nothing, removed a lot of the voice over, and cut the preachy moments that don't fit into the standard science fiction schmalz, then Gray would have a tighter movie — one that isn't just forcibly emotional and purposefully intelligent, but a movie that's intelligent by way of emotional relations.



SIGRID NUNEZ

written and layout by Anna Boyle | Visual Editor

It's a Monday night. A crowd of people funnels into the Carnegie Library Music Hall, skirting around tables brimming with brightly colored books. They inch their way to their designated seats, tickets gripped in their fists. The air is hot; visitors fan themselves with their programs and push sleeves up to elbows. The lights go down. A few presenters prepare the crowd with speeches and thanks and words of excitement. Then Sigrid Nunez walks onto the stage, and applause erupts.

Nunez is an author of seven novels, including a memoir of Susan Sontag. Although she's been writing for decades, Nunez exploded into the public consciousness in February 2018 after she published her latest novel, *The Friend*. It won the 2018 National Book Award and became an instant *New York Times* bestseller. Nunez became a literary sensation practically overnight.

The Friend is a tale of love, friendship, grief, writing, healing — and most of all, a dog. The story follows a woman who loses a friend and mentor to suicide, and later inherits his old Great Dane. The Great Dane, dubbed Apollo, is struggling with the inexplicable loss as much as the narrator. Together, they navigate their grief and foggy future, forming a bond that's strange and poignant in equal measures.

In her talk, Nunez discusses both her novel and her experience writing over the years. As a child, she ended all of her stories with "and then I woke up." Since she was told not to lie or make things up, she felt she had to qualify that her stories were a dream, unreal, made up. As she grew older, however, she discovered that's the beauty of fiction. You can make everything up, it can all be lies, and it can still ring true with millions of people.

As an adult, she makes a lot of things up. She speaks for people that have never existed. Although she's traveled to many places in Europe, she sends her protagonists to places she's never been, and welcomes the research that comes along with it. She's written about events both real and fake, and the latter always hits her harder. Our imagination is more powerful than observation, she says.

The audience nods. Most of us have read her touching novel. We know how powerful imagination can be.

Since her novel was published, Nunez has received an influx of letters. They include people who have lost someone to suicide. People who have tried to commit suicide themselves. Writers who relate to the narrator's cynical insights into the writing world. And lots and lots of pet owners, who appreciate a novel centered around the bond between a woman and her dog, the most important being in her life.

Since Nunez became a bestseller, she says she's been busier. She has readings to attend, talks to give, and students to teach. However, her work hasn't changed. She still has more writing to do. Once, when facing a block, she put a post-it note on her computer that declared *the writing is almost over*.

"But then," she says, a wry smile dancing on her face. "I woke up."

The night ends. Visitors shuffle down stairs and through halls, stuffing crumpled programs into purses and backpacks. Some flee into the warm night air. Some pick up copies of *The Friend* from the lobby. Some huddle in groups of twos and threes, chatting and laughing. But although we go our separate ways, we are all connected by a hum of energy in the air, a shared experience of hearing Nunez's talk, her words just as impactful in person as they were on the pages of her novel.



I hope (to the future)

written by Eshita Shrawan | Junior Staffwriter
art by Rebecca Enright | Art Editor
layout by Tracy Le | Visual Editor



Hello,

I hope it is still in tradition to feel the rough edges of a piece of paper, to practice handwriting endlessly to please your teachers, and not everything has become the “Okay, Google” speech to text translation that doesn’t understand the way my heavy accent speaks English.

I hope it is still in tradition to have huge bookshelves and watch them while you sip coffee and watch the pages turn yellow, as you watch every dog-eared page culminate to make it seem like it belongs in this imperfection.

I hope it is still in tradition to drink pure coffee and not like those liquid food cups in *WALL-E*. Oh boy, I sure do hope you are not in a spaceship right now. I also hope you have watched *WALL-E* and the amazing cinematic reveal of films like *The Breakfast Club* and *Star Wars*. More importantly, I just hope things are better in some cases, and in most, stay the way they are.

It might seem confusing, but I live in a time that is so conflicted, so energetic yet disastrous, that I feel like I am in the right and wrong generation all at the same time. I watch amazed as



LGBTQIA rights become better every day, but also shed tears over how women get raped every hour in my home country. How the world economy is booming, and yet we are creating literal walls for ourselves. We are creating so many barriers that we are going to choke on them. But with every good deed, flowers sprout through these walls, and I just hope that these walls have broken. Or at least, that you have learned to climb over them.

It might seem overwhelming how different our worlds might be, but that's okay. I couldn't even believe my parents had never seen each other before the day of their marriage. And these are the things I hope have changed. I do hope that you are my long lost family, or that this letter was passed down by generations. I hope my books are still somewhere on shelves... if I even wrote them. It might seem confusing, but with every word I write to you, my mood becomes infinitely better. I do hope that with every word I write, beautiful sprouts of truth will emerge. But I know, somewhere deep in my heart, that all that will grow on this paper is the finest layer of dust, and as you blow that very dust off to read this paper, that truth will dance in the sunbeams.

I hope above all that humanity is

as marvelous as it always was. We make mistakes, and they may seem huge right now, but bear through it. Write another letter to be found in a hundred years, and who knows? Might these words come true? Might you in a hundred years actually still be me? Oh, that would be awesome!

Remember this, I am 17 and young and probably stupider than ever. I'll spot this letter while packing for university, and I will sit and rewrite it. So if you read this one in a hundred years, know that this the mind of someone who believed in change, in all things better, in humanity being the best of hope.

If you are fed up with the world, never be. You are part of the most innovative race that has ever existed. You don't need to be at the front of everything. You don't need to be at the top of the pedestal to be safe. I hope you get some satisfaction and some motivation knowing how much our worlds have changed.

My own mindset might change as I watch the world progress. I'll want you to remember new things, closer to my heart: my first dog, my first boyfriend, my first confession, the fact that my country is still a beautiful assault on the senses... but what will never

change is my hope in humanity and how much better it can be.

So amongst the threat of an impending WWII, men and their mad hues, a prime minister using a foundation's diverse skin color range to match my skin color (I am so flattered he even considered us!), where there is still a stigma over anything you want to be, as a woman, as a human, I hope your world is better.

I hope humanity learns its mistakes from now. And all I want is for you to remember these mistakes. Remember, for entropy might be both here and there where you are right now; it is part of the code of humanity. This is not a letter to you, but to all thy entropy: I hope you learned and remembered all the things you made us do. And I hope you became a little better. And that is all.

With all the hope that this is not the world of *Fahrenheit 451*,
This is the past,
Who still dreams of traveling the stars,

**Breaking our walls,
Signing out.**

FLOOR



article and photos by Madeline Kim | Forum Editor
layout by Sahaana Sethu | Junior Layout Designer

This past Friday, three indie alt-pop acts — Lostboycrow, joan, and flor — came together at The Club at Stage AE. Despite the three performances being within the same genre, each had an individual take. Lostboycrow was whimsical and full of narrative, joan was danceable and upbeat, and flor was more conventional modern alt-pop.

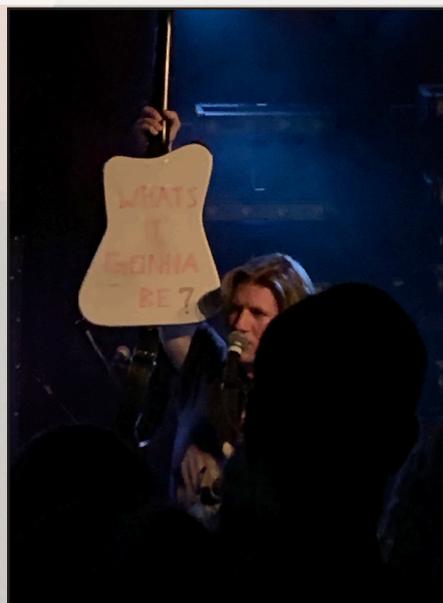
The Club is a smaller section of Stage AE with a bar, a tight crowd space, and a small stage. This was my first time seeing a performance in this part of the venue, but I'm certain it won't be the last. The crowd energy felt more concentrated, and both the smaller space and audience size made the concert feel more intimate.

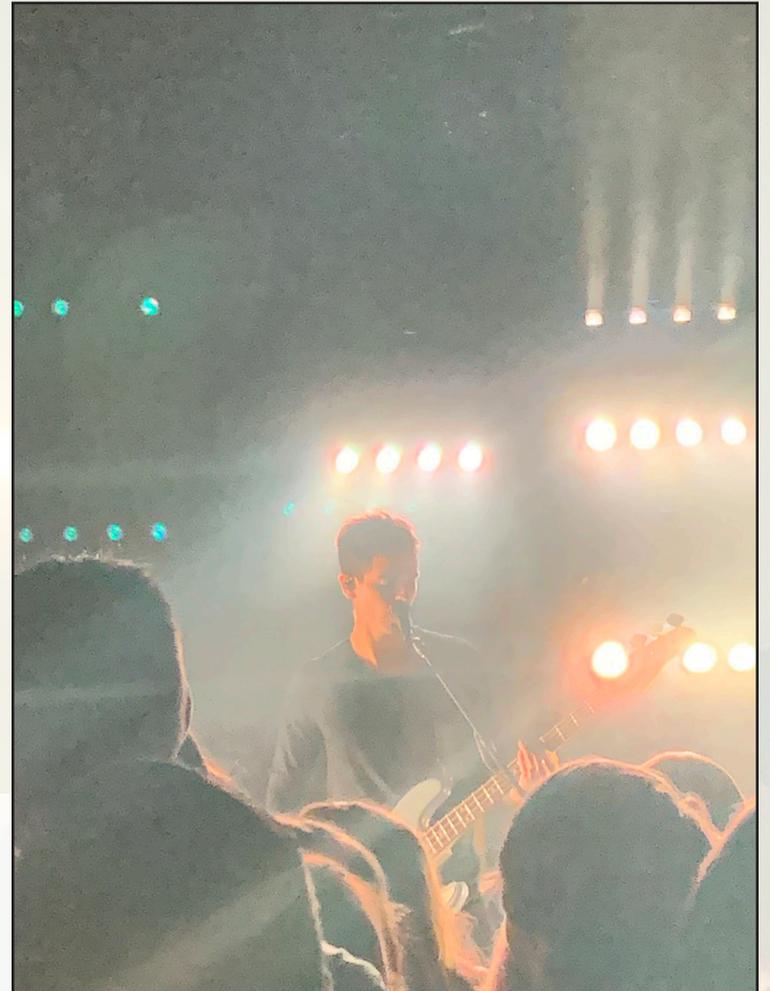
Lostboycrow (Chris Danks) was first on the set. He performed a handful of songs from his latest release, *Santa Fe*, as well as a couple of older releases like "Devil's in the Backseat" and "Adolescent." His performance embodied his stage name, which is inspired by the Crow Nation's tale of the lost boy. The nation's ancestors' philosophy "believed the greatest accomplishment one could

achieve was to dream. Seek a vision for your life that would help those around you." This inspires how he presents his art. His ethereal sound and poetic lyrics make it sound more like he's telling a story rather than simply producing music.

Out of the three performances, Lostboycrow's surprised me the most. In the studio, his voice sounds more "chill," almost more subdued. However, on stage, his voice was much more powerful and captivating. It felt like he was crooning, yet his energy and voice overpowered the venue. His music was the one I was most acquainted with, yet his performance was the one that I was the most mystified with.

Next up was the duo, joan (Alan Thomas and Steven Rutherford). The '80s inspired synth-pop encapsulates the best part of the '80s: catchy choruses, poppy synth beats galore. Even their name ties with the '80s theme. Neither is





named Joan; the two simply picked the name because the name was common in the '80s. If I had to explain the band, I would say that it's most reminiscent of The 1975. Their act made me almost want to bring back leg warmers. Almost.

Flor ended the show with a bang. The band sonically sounded just like they did in their recordings, but the live performance gave their songs a kick that no recording could pick up. They bounced back and forth from their two albums, *come out*, *you're hiding* and *ley lines*, the latter which just dropped earlier this month. Their part of the show was definitely the flashiest of them all in more ways than one. The band

incorporated lights that seemed to flash per drum beat which was fun at first but became overwhelming later in the show. I didn't mind too much, given that the synergy of the band and crowd was so intense that it almost matched up.

After the show, all three groups were available for a quick meet-and-greet, signing tickets and taking photos with the concert attendees. Ones to Watch, a platform for emerging artists, put their stamp of approval on flor when they decided to present the band, and I'm ecstatic to see what comes next for them and their opening acts. Stay tuned for an upcoming interview with flor!

This is CMU.

photo and interview by Likhitha Chintareddy | Online Editor
layout by Tracy Le | Visual Editor

Inspired by the famous Humans of New York project, this recurring column focuses on interviewing students on Carnegie Mellon's campus and learning about their lives and university experience.

“During freshman year, messing around with friends in our dorm or getting food together — just simple things — were some of my favorite moments at CMU. Once you become an upperclassman, you either move off campus, or you move into an upperclassman dorm, and people are less outgoing and talkative. So to hang out with people, you really have to make a lot more of an effort, whereas [in] freshman year, you just leave your room and you see people you know, you go into one of the common areas of your dorm and you see people you know — there’s just people around to talk to. I miss that availability of friends and people you know hanging out all around. Try to find your main group of friends — people you know you’re going to be able to stick with in your later years of university. But also branch out and try to get involved in activities, make friends in different majors, living in different dorms. Even if you’re a shy person, just do your best to be outgoing, meet new people, and really enjoy your college experience. Because you only get it once in your life.”



TYLER,



THE CREATOR

written by Nathaniel Richmond | Junior Staffwriter
layout by Alexandra Yu | Pillbox Editor



Tyler, the Creator's show at Stage AE was an electric performance of his new album, *IGOR*. He captured the crowd immediately with the blaring intro to his album, and he bounced around his catalog of songs to give a raw and exciting show.

The show began with songs from *IGOR*. The autotune and multi-tracking that are signatures of his album, which might have made the songs difficult to perform live, were replaced with Tyler performing the main parts of his songs, and he rose to the challenge. He sang, yelled, and screamed to match his songs' effects. This developed into a unique performance apart from the album and gave a more up-close view of the feelings of romantic jealousy and hopelessness he describes in his songs. It resulted in a performance that gave fans of the album what they wanted while expanding on *IGOR*.

Among the songs Tyler, the Creator performed were also some of his signature songs from past albums like *Flower Boy*. He sang more romantic songs like "See You Again" and "She" that felt natural alongside Tyler's romantic struggles in *IGOR*. Of course, he also sang crowd-pleasers like "Who Dat Boy" to get the crowd hyped with his bark-rapping and crude lyrics.

The best part of the show was Tyler, the Creator playing the part of Igor, the character in his album. He wore the suit and blonde wig that have become symbols of the album, and he danced wildly during interludes to keep moving throughout the show. He head-bopped, ran in place, and marched to the beat of his songs. The variety of personas he adopted gave fans many angles to enjoy the show from. The piano rendition of "EARFQUAKE" and other slower songs complemented the energetic performances he is more known for, creating a deeper story and sound within the short time of the concert.

Tyler, the Creator's performance built up to a captivating show. Tyler, the Creator has been known for having violent and offensive lyrics, and his crowds have a reputation for being chaotic as well. After *Flower Boy* and *IGOR*, though, Tyler seems to have evolved from his angry, controversial self into a somewhat more accessible artist. There are still explicit lyrics and violent ideas, but the complex feelings and sound behind them make Tyler, the Creator's *IGOR* an exciting concert.



MADDY'S MONTHLY MEME MADNESS

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.

September

10/10

"SLEEP @ CMU"

Malique Bennett



The Carnegie Mellon experience isn't complete until we pit ourselves against each other and compete over which college suffers the most. Although tongue-in-cheek humor about our poor work/life balance and our faltering mental health can be funny in moderation, please remember to take care of yourselves.

10/10

"SUBRA SKEDADDLE"

Alexander Chen



Alexander is back at it again with the dank high-effort memes. The meme somehow tastefully incorporates Comic Sans MS and captures the evanescence of different parts of Carnegie Mellon culture, such as the beep-boop (never forget).

10/10

“WEAN OFF OF STRESS CULTURE”

Cali Colliver



Flexing about lack of sleep and difficulty of your major to friends in other colleges



Recognizing every major from SCS to CFA is difficult in its own way and supporting your friends to maintain a healthy lifestyle

Everything about this meme is perfect. Firstly, the wholesome supportive message goes out to all of our students; all disciplines and colleges are valid and we are all suffering in this institution together (but should encourage each other to minimize the suffering!). Also, the caption on the original Facebook post, “Raymond John Wean is opposed to stress culture,” is a nod to the striking semblance between Raymond John Wean’s plaque in Wean Hall and Danny Devito.

9.5/10

“TOC HACK”

Tishya Girdhar

This is an absolute genius master strategy; why did I not think of it? The cartoon’s stylish pose also adds fabulous flair. However, what is up with the ungodly amount of white space on the top and bottom of the meme? I’ve said it before and will say it again: crop your memes.

Interviewer: What's your name?

Me: Hired.

Interviewer: You're Hired?

Me: Thank you, sir.

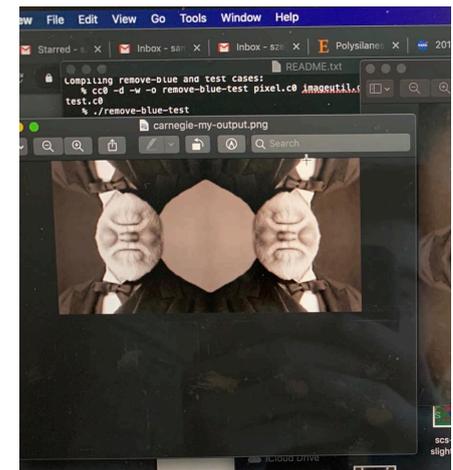


9/10

“HEART IS IN 122”

Fayyaz Zaidi

Name something more Carnegie Mellon-esque than Andrew Carnegie himself and computer science. The summoned demon of Carnegie will continue to haunt my dreams and haunt me to keep my heart in the work.



horoscopes

the signs as where you shop for clothing

Aries
march 21 – april 19

Goodwill

Taurus
april 20 – may 20

H&M

Gemini
may 21 – june 20

Old Navy

Cancer
june 21 – july 22

Amazon

Leo
july 23 – aug. 22

Express

Virgo
aug. 23 – sept. 22

Hot Topic

Libra
sept. 23 – oct. 22

Everlane

Scorpio
oct. 23 – nov. 21

Depop

Sagittarius
nov. 22 – dec. 21

Ralph Lauren

Capricorn
dec. 22 – jan. 19

Walmart

Aquarius
jan. 20 – feb. 18

TJ Maxx

Pisces
feb. 19 – march 20

Forever 21

Plaid and somewhat proud

by Parmita Bawankule



parmitadraws.tumblr.com

Mirror, Mirror

by Charlie Higson



heckifknowcomics.com

ongoing

Morehshin Allahyari: South Ivan Human Heads (CFA Great Hall)
ongoing until 10.17.19

newly added

A Magical Night At The Zoo (Pittsburgh Zoo & PPG Aquarium)
10.3.19 5 - 9 p.m.

AB Comedy Presents: Phil Hanley (McConomy Auditorium)
10.3.19 7:30 - 9:30 p.m.

Yinz'prov: College Comedy N'at (Point Park University's Pittsburgh Playhouse)
10.5.19 8 - 10 p.m.

Kappa Karnival 2019 (The Cut)
10.11.19 2:30 - 5:30 p.m.

The Originals Present: Vertigo (Rangos Ballroom)
10.12.19 7 - 10 p.m.

Halloween Happenings (Phipps Conservatory)
10.25.19 4 - 8 p.m.

week of 9.30.19 - 10.6.19

Joe's Odyssey: a 30-minute folk opera based on Homer's epic *The Odyssey* (McConomy Auditorium)
9.30.19 4:30 p.m.

School of Drama: *Tiger at the Gates* (Purnell Center for the Arts)
10.3.19 - 10.12.19

ReelQ: Pittsburgh LGBTQ+ Film Festival (Row House Cinema)
10.3.19 - 10.12.19

Late Night: Waving Flags (Black Chairs)
10.4.19 10 p.m.

Pittsburgh Dragon Boat Festival (North Park Lake)
10.5.19

Puzzlehunt CMU (Location TBD)
10.5.19 12 - 8 p.m.

week of 10.7.19 - 10.13.19

Stephen Chbosky (Carnegie Library Lecture Hall)
10.7.19 7 - 8:30 p.m.

Carol Brown Lecture Series: Brandon Som (McKenna, Peter, Wright Rooms)
10.10.19 4:30 - 6 p.m.

This Skin of Ours (Miller ICA)
10.12.19 - 11.17.19

Intersections: Studio 30th Anniversary Exhibition (Miller ICA)
10.12.19 - 11.17.19

Noche Latina 2019 (Cohon Center)
10.12.19 8 p.m. - 12 a.m.

October 13th Neighborhood Flea (Neighborhood Flea)
10.13.19 10 a.m. - 3 p.m.

Made & Found Fall Market (Ace Hotel Pittsburgh)
10.13.19 10 a.m. - 4 p.m.



Saturday Night Market

photos by Jeanette De La Torre |
Junior Staff Photographer

