

# The Ticker

VOLUME 112 • ISSUE 4

BARUCH COLLEGE'S INDEPENDENT STUDENT NEWSPAPER

SEPTEMBER 25, 2017

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### Belgium must tolerate religious garb (p. 5)



A Danish woman was deported to Tunisia last week after airport officials in a Brussels airport could not identify her due to her niqab. Belgium should lift its ban on niqabs in the country to allow for greater freedom of religious expression to prevail.

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### Equifax suffers hack affecting 146 million (p. 6)



Equifax, one of the three major consumer credit reporting agencies, publicly disclosed an information breach that affected approximately 146 million Americans.

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### Fans anticipate new music from artists (p. 10)



A lot of new music was released in 2017 from both rising artists and popular artists, and this fall is set to be a highly anticipated season for the music industry, with albums dropping from major artists, such as Taylor Swift and Fergie.

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### Listening to happy music boosts creativity (p. 15)



People who listen to happy music find more solutions to problems and questions than those who do not listen to any music at all, according to a new study that was conducted by Radboud University and the University of Technology Sydney.

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### Indians set record with 22-game win streak (p. 18)



The Cleveland Indians made history last week as they broke the 2001 Oakland A's modern era record for most consecutive wins. The 22-game streak was one of the most memorable streaks in MLB history, and solidified the Indians as the World Series favorite going forward.

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## CUNY supports students protected by DACA

# HERE TO STAY!

## Baruch Students Stand with the Dreamers

STEPHANIE MESQUITA | THE TICKER

"Dreamers" is a term that refers to undocumented youth who came to the United States as children. When DACA rolled out, 800,000 applied for the program.

BY TATIANA BETANCUR AND VICTORIA MERLINO  
CONTRIBUTING WRITER AND NEWS EDITOR

With the Trump administration ending the Deferred Action for Childhood Arrivals program, the over 8,000 undocumented students in CUNY — totaling 1 percent of the 800,000 DACA recipients nationwide — have been left in limbo. Both students and the CUNY administration, however, are speaking out.

STORY CONTINUED ON PAGE 2

## OPINIONS

### Sustainability Task Force leads efforts against climate change

President Donald Trump's lack of leadership regarding environmental policy is dangerously inadequate and a threat to U.S. prosperity. Trump's Environmental Protection Agency appointee, Scott Pruitt, responded to the heartbreaking natural disasters in Florida and Texas in a way that emboldened a broken system of political corruption and dangerous fossil fuel dependency.

Pruitt has defied the overwhelming body of scientific research, which asserts that greenhouse gas emissions are the primary cause of global warming. In the wake of the most disastrous hurricane season in U.S. history, Pruitt says that now is not the time to discuss climate change, stating, "To use time and effort to address it at this point is very, very insensitive to the people of Florida."

However, the conversation about climate change needs to happen now. It is no coincidence that in California, the La Tuna fire has

burned with unparalleled destruction, devastating more than 7,000 acres of forests.

In Southeast Asia, the ferocity of monsoon season is at an all-time high, displacing more than 40 million people. Hurricanes Harvey in Texas and Irma in Florida were two of the most violent and costly disasters in U.S. history. These are not isolated events.

Humans are actively altering the chemistry of the atmosphere and this is intensifying the strength and frequency of natural disasters. In order to combat climate change, the United States needs a strong government to firmly accept this reality.

However, the current Republican administration shows no inclination of changing its view on the subject.

STORY CONTINUED ON PAGE 5

### The Meadows draws massive crowds to Citi Field



BIANCA MONTEIRO | THE TICKER

Weezer rocked The Meadows with its Sunday evening set, playing both fan favorites and songs from its the new album *Pacific Daydream*. See *The Ticker's* review of Weezer's set and other coverage from The Meadows on pages 12 and 13.

### Interview: Baruch's Gosnell discovers new details about oyster-breeding

INTERVIEW BY MAYA YEGOROVA  
SCIENCE & TECHNOLOGY EDITOR

Dr. Stephen Gosnell is an assistant professor in the department of natural sciences at Baruch College. He received his undergraduate degree in biological sciences at Clemson University and his master's and doctorate in the ecology, evolution and marine biology program at the University of California, Santa Barbara.

He attributes his love of science to growing up in the outdoors of South Carolina. Gosnell revealed that science fulfills a natural curiosity — it is not only about memorization, but also about teaching students to think and analyze.

STORY CONTINUED ON PAGE 14



## The Grid facilitates fun on campus

BY TEAMARE GASTON  
CONTRIBUTING WRITER

The Grid, Baruch College's roleplaying and tabletop gaming social club, recently celebrated its fifth anniversary. Since its founding day, the club has increased about a third in member size, and is known for having membership policies that make it one of the more distinct clubs on campus.

The Grid was formed in 2013 when founder, Dan Karaban and his peers looked to start a club that was not business-focused and existed purely for social purposes. The basis for the club was to be a means for students to relax and engage with one another outside of classes. Upon founding it, Karaban decided that he wanted the club to be as inclusive as possible. He felt that roleplaying games were the ideal way to do that because of their easy-to-teach foundation and capability to host multiple players.

Roleplaying games have been around since the 1970s, yet the industry is seeing a resurgence now with clubs like The Grid forming around the country.

Anthony Cimitile, treasurer of The Grid, spoke about member retention, particularly regarding how the club runs differently from most other clubs at Baruch when it comes to appealing to different types of students.

"Our members are usually part of other clubs, so they already have club responsibilities," said Cimitile. Ensuring that members are not taking on too many responsibilities at once is a concern for The Grid's executive board, as they have learned from other clubs that members who feel burdened by the work do not tend to return.

"We believe that culture is important but so is having fun, and in a commuter, business school it's



NATHAN LIN | THE TICKER

The Grid is a social club that allows students to relax and have fun through games.

vital that people have somewhere to go but do not feel obligated."

To members of the club, culture is a large factor as to why they continue to engage. There is no minimum requirement to be part of the club and members are not expected to appear at every meeting. Cimitile claims that the club is not meant to feel like another check on a to-do list, but rather a healthy distraction from the outside world's expectations.

"If people come, then they come. We get that not everyone is up to always talk or engage and that is okay," said Cimitile. This method of member engagement has proven to be successful because the club has increased from 50 members to 78 members and has seen continuous growth based on rolling enrollment into the club.

Its unique membership policy is part of what keeps bringing members back. Even alumni and

professors keep up their engagement with The Grid by donating resources, such as board games and cards. The Grid's presence on campus has also allowed for more relaxed club interactions, as many of its large-scale events are unconventional and quite curious. The Grid has succeeded in engaging Baruch students and emphasizing the importance of learning about different means of leisure.

One of The Grid's most notable events is the Rock, Paper, Scissors challenge held in the second floor lobby of the Newman Vertical Campus. Open to the entire school, students may participate in an old-school rock, paper, scissors duel for a chance to win an Amazon gift card. The activity is another way that members of The Grid assist students in lowering their stress.

The next duel is set for mid-November around midterms.

## Choonghee educates students on North Korea

BY COURTNEY GERVAIS  
CONTRIBUTING WRITER

The Marx School of Public and International Affairs at Baruch College has been conducting a series of breakfast discussions in order to spark discourse. On Sept. 19, the discussion on the agenda involved a guest speaker: Hahn Choonghee, the South Korean ambassador to the United Nations.

Many Americans have been anxious about North Korea's nuclear missile testing, and many have wondered how President Donald Trump's words may affect U.S. relations to North Korea. According to Choonghee, the answer lies within North Korea itself, as well as through many other international power struggles.

Reflecting on North Korea, Choonghee shared with the room the struggles the country has been facing, and how focusing on missile launches and technological improvements has been an essential task in maintaining peace inside North Korea. Economic failure and a lack of resources caused many North Korean citizens to begin to question the validity of putting so much energy into the military.

Meanwhile, Choonghee went on to explain that North Korea faces pressure from all sides; South Korea has U.S. armies stationed within it, and North Korea wants to prevent a similar situation by intimidating the United States into not sending armies. Not only is it important to intimidate the United States, but also China, Japan, Russia and South Korea, explained Choonghee about North Korea's motives.

Choonghee explained that even China is against North Korea's use of nuclear missiles and yet North

The use of nuclear weapons is, according to Choonghee, North Korea's last resort in protecting its regime. North Korean leaders feel that if they are able to continue to advance their weapons, they will be seen as strong, which is more important.

Korea finds it important to continue this research.

The use of nuclear weapons is, according to Choonghee, North Korea's last resort in protecting its regime. North Korean leaders feel that if they are able to continue to advance their weapons, they will be seen as strong, which is more important.

Choonghee stated that the domestic issues within North Korea cause a ripple effect. If the people are not happy, it is likely that they will rebel or form coups. However, just like intimidating other countries, it is equally likely that having a strong military force will prove to citizens that their government is powerful. Choonghee also noted that Trump is right to be concerned — the ability to strike the United States is frightening, and it gives North Korea leverage.

Choonghee explained to the room that North Korea would like to work with the United States to soothe fears, and until then it will be continuing its nuclear work.

## Students speak on DACA

CONTINUED FROM FRONT PAGE

DACA protects those who entered the country illegally as minors, shielding them from deportation for a two-year span per renewal and allowing them certain citizenship benefits, like a Social Security number.

Daniel Morote, Baruch College's Undergraduate Student Government's vice president of legislative affairs, organized 14 USG representatives to join a protest against the repeal of DACA on Sept. 9, in front of Trump International Hotel and Tower near Columbus Circle.

"The thing that scares elected officials the most is people that are united and rally for one common interest," said Morote.

Morote stated that those who went to the protest were "standing up for undocumented students" and helping to make sure that student voices were not lost in the current political climate.

Other students who attended included Arvis Chen, chair of clubs and organizations and Isabel Arias, USG president.

Meanwhile, CUNY is doing its best to support its students during an uncertain time. The CUNY Citizenship Now! program partnered with a nonprofit called the New Economy Project in order to cover students' \$495 application fee for DACA renewal ahead of the Oct. 5 deadline. CUNY students, as well as non-CUNY students who meet income guidelines, can participate in workshops that guide them through the process of renewal.

CUNY Chancellor James Miliken has come out in support of undocumented CUNY students, releasing a statement that reads: "We are fully committed to the thousands of CUNY DACA students and will do all we can to sup-

port them. They represent some of the most talented and creative voices in the CUNY community and our city. We will do everything we can to help persuade Congress to shore up support for the DACA community, not undermine it, and CUNY will provide counseling and guidance to help our DACA students with their needs and questions."

"As far as CUNY—and New York City in general—they're very protective of the undocumented community in comparison to the rest of the United States," said Jesus Calixto, an undocumented student attending Baruch. Calixto arrived in the United States when he was 2 years old, and has no memory of his country of origin — Mexico — or of his journey away from it. He faced hardship in middle school, unable to attend certain school activities due to his status, as well as experiencing harassment.

"The issues I had were pretty much issues that I thought I was facing alone, being that I was undocumented," said Calixto, a marketing major. By high school he no longer hid his undocumented status, and by the time he entered college, he was speaking out about his story and doing activist work with the student-led CUNY DREAMers organization.

Though CUNY is "competent enough" to understand the lives of undocumented students, said Calixto, he acknowledged that some staff, such as those in the Bursar's office, may not fully understand how to work with undocumented students' situations, and may treat them as international students when they are not.

Morote is running a panel event on Sept. 28 from 6 p.m. to 9 p.m. in the Multipurpose Room about immigration and student involvement with DACA.

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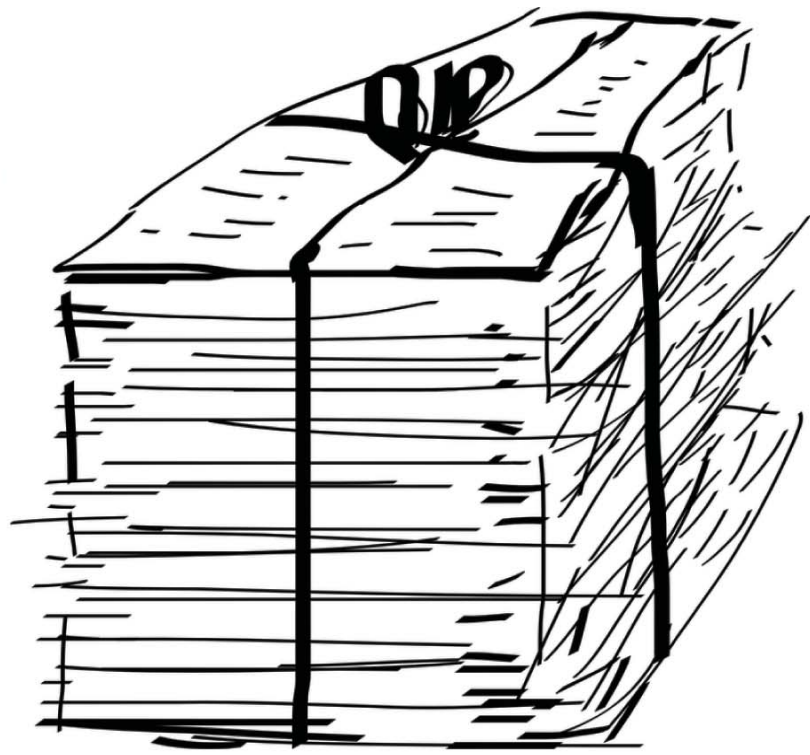
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# Opinions

FROM THE EDITORIAL BOARD

## Baruch administration deserves praise for solidarity

Students at Baruch College have a tendency to complain about broken elevators and escalators, crowded hallways, even more crowded lecture halls and the Wi-Fi connection that never seems to work. The lines that form in front of the printers in the Newman Library Building and the sixth floor computer labs make us fume; more than a few of us have been late to class because of an assignment we were trying to print out.

With these day-to-day issues, it is easy to forget about some of the good things Baruch does for its students. With the recent political issues at hand, it is particularly important for students to know about the services that Baruch provides to support its students' well-being.

Most recently, CUNY Citizenship Now! announced that, in response to President Donald Trump's decision to end the Deferred Action for Childhood Arrivals program, it would offer free application renewal assistance prior to the Oct. 5 deadline for renewal forms. The goal was to help CUNY students acquire deportation protection while they continue their studies. To ensure that the announcement reached a large portion of Baruch students, the Undergraduate Student Government made a post about it on its Facebook page.

Some students may also be familiar with President Mitchel B. Wallerstein's emails, which have increased in frequency since Trump became president. In the past, he sent several emails voicing his support for DACA students, faculty and staff, and stated that he would not allow immigration authorities to enter the campus unless they came with a valid search warrant.

An email from Wallerstein dated on Sept. 6 explained what the decision meant for DACA recipients and urged them to use CUNY resources to submit their renewal application before the deadline.

Lastly, Baruch offers counseling services in the Counseling Center, which is located on the ninth floor at 137 East 25 Street.

There are, undeniably, many things the administration must fix, whether it be academics, facilities or other factors that contribute to the overall student experience at Baruch.

However, the one thing that deserves praise is the administration's genuine care for individual students who attend Baruch. With all the resources that are made available and promoted to students, it is easy to feel that the college cares not just about everyone's academic performance, but also about how confident and safe the students feel outside of the classroom.

## Officers must learn nonlethal tactics

A recent shooting at the Georgia Institute of Technology is just another case in which officials used excessive force when it was uncalled for and not needed. Campus police shot Scout Schultz, who later died at the hospital.

Schultz was a computer engineering student and president of the Georgia Tech Pride Alliance student group. Schultz's family attorney stated that Schultz was experiencing a mental breakdown. Surrounded by four officers, Schultz was yelling at the officers to shoot, and they eventually did. It was revealed that Schultz had a multipurpose tool that contained a knife, but no firearm. Schultz had submitted a report to campus police that stated there was a suspicious person on campus. The suspicious person Schultz was referring to was themselves. Schultz also left three suicide notes.

Campus police are not going through proper training to handle difficult situations at hand. The use of a gun should be a last resort, not a first instinct. When officers resort to shooting, not only are they putting the receiver of the shot in danger, but also anyone within range.

Colleges and universities are giving too much freedom and leniency to officers. Instead of arming them accordingly, they give them the most dangerous weapon possible and have them handle the situation as they deem necessary.



STEPHANIE MESQUITA | THE TICKER

## Government can no longer ignore scientific consensus on climate change

CONTINUED FROM FRONT PAGE

Trump has chosen to blindly support the interest of the dying coal industry by claiming that global warming is a hoax. This wildly misguided assertion in and of itself reveals the blaring inadequacy of his "leadership." In another huge misstep in the delicate fight against climate change, Trump expressed his desire to withdraw from the Paris climate agreement, a comprehensive accord which sought to unite 194 countries with the objective to lower global greenhouse gas emissions.

Pruitt does not trail far behind in the stunning demonstration of policy shortsightedness. He has cozied up with the fossil fuel and agricultural industry by deciding to rollback dozens of key Obama-era environmental protection regulations.

After meeting with top oil executives, Pruitt conveniently ordered the suspension of regulations that restrict methane emissions from new oil and gas wells. He also met privately with the chief executives of the massive chemical multinational Dow Chemical Company and rejected a ban on chlorpyrifos, an industrial farming pesticide sprayed on food which, previous EPA reports suggested, cause interference with brain development of fetuses and infants.

These actions are all jarring

examples of the Trump administration's blatant disregard for the well-being of the environment and ultimately the country.

In the face of such incompetence and the physical manifestations of the effects of climate change, it is the duty of U.S. citizens to hold the government accountable and engage in discussion.

Officials should begin by recognizing that the administration's zealous desire to protect the fossil fuel industry is not the only faulty gear in the Republican Party's environmentally disastrous "economic development" engine. The party's guiding ideology renders it unable to address climate change. As environmental journalist Naomi Klein has eloquently argued, "Climate change detonates the ideological scaffolding which contemporary conservatism rests."

The party's stubborn defiance against the physics of climate change is deeply rooted in its understanding that yielding to reality would expose the ugly underbelly of the conservative machine, which removes important environmental regulations, prevents meaningful federal intervention and stalls international collaboration. This is done with the effort to protect the special interests of the wealthy and gain political capital.

The reality is that the United States cannot wait for technology alone or the false idols of market

fundamentalism to resolve the issues of climate change. Citizens must elect leadership that understands ecology and the connection between human economic activity and the biosphere's biological systems, so that environmental adaptation and carbon mitigation strategies can be prioritized.

The United States has the capacity and ingenuity to join the efforts enacting global change. The country needs only to look for guidance in cities like Portland, Seattle and New York, where local governments are taking the initiative to combat climate change by committing to meet Paris climate agreement carbon reduction objectives, implementing energy efficiency programs and promoting sustainable urban planning.

Nations like the Netherlands, Germany and Sweden are already leading the way by showing that they can "greenify" their economies while remaining competitive.

The insensitive ones are those who continue to perpetuate a system that sides with large corporations' interests and shamefully ignores environmental realities, for they are unwittingly undermining U.S. prosperity. Now, more than ever, is everyone's time to act.

*Nicolas Fuentes is an Environmental Sustainability major and a student leader of Baruch's Sustainability Task Force.*

## The Ticker

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## Self-expression requires greater priority

A Danish woman was deported from an airport in Brussels, Belgium on Sept. 16 after refusing to take off her niqab. Some Muslim women wear the niqab as a garment that covers their whole face but the eyes. It has been banned by Belgian law since 2011.

When the woman, whose name has not been released, refused to take off the veil covering her face after arriving at a Brussels airport from Tunisia, airport officials forced her to go back to Tunisia. The Belgian law in question bans "the wearing in public of clothing that partly or totally covers the face," as stated by the European Court of Human Rights, or ECHR, when the organization first upheld the rule in July 2011.

On one hand, workers, such as airport security personnel, have the responsibility of making sure every passenger who passes through is not a threat to the country, and that they are who they say they are. On the other hand, the freedom of re-

ligious expression is a basic human right that should be available to any citizen of the world, no matter where they go.

By proposing this ban, the ECHR expected women to feel more unconstrained and closer to each other. Although European countries, like Belgium, France and the Netherlands, had good intentions behind their ban of wearing full-face, religious garments, such as niqabs and burqas, their method of execution is erroneous.

Banning religious women from wearing certain items can be seen as a personal attack rather than a boon for personal freedom, especially if these women are used to dressing a certain way.

The ban is also not a uniform law in Europe, because different countries have different stances on what religious freedom and religious expression mean. A woman should be able to decide for herself whether she should wear a

certain garment.

There must be a better system in place to allow people to freely express their religious beliefs, while also being able to be identified by law enforcement and security. There could be special practices put in place, such as letting only female guards check the identity of women wearing niqabs and burqas. Additionally, no one should be banned from wearing any religious garment if they are walking down the street and going about their business.

The two Muslim women who brought the case *Belcacemi and Oussar v. Belgium* in front of the ECHR argued that they did not feel comfortable going outside without wearing their niqabs and that they felt their religious freedom was being restricted. Countries should work together to encourage the safe practice of every religion.

*-Diana Shishkina  
 Political Science '20*



# Business

## Trump claims future tax code reform will benefit middle class

BY JAHVON MEADOWS  
BUSINESS EDITOR

Since the 2016 Republican presidential primaries, President Donald Trump has called for a change to the U.S. tax code. Recently, Trump revealed more information about the tax code reform that he wants to implement. He said that the changes would benefit the middle class, rather than the wealthy.

According to Bloomberg News, Trump told reporters, "I think the wealthy will be pretty much where they are. They have to go higher, they'll go higher, frankly. We're looking at the middle class and we're looking at jobs." In the past, Democrats have criticized Republican efforts to reform the tax code, claiming that their proposals favored wealthy Americans and corporations.

However, last Wednesday, Trump had dinner with Democratic congressional leaders Nancy Pelosi and Charles Schumer. This action was mostly likely taken so that both parties could discuss common issues with the tax code that they agreed on, and garner support for Trump's tax plan in the process.

A statement released by the White House claimed that Trump had a "constructive working dinner" with the two top Democrats, discussing not only tax policy, but border security, infrastructure, trade and undocumented immigrants, according to Bloomberg.

Until recently, the Trump administration had excluded Democrats in its discussion of tax code reform. Rather, it was discussed

between members of his administration and the Republican Majority Congress, but they have yet to release any detailed plan.

Trump surprised Republicans last week when he made a deal with Schumer and Pelosi regarding the U.S. debt limit and federal spending.

Now staunch conservatives are worried that Trump is kowtowing to the Democrats. In response, Trump said, "I'm a conservative, and I will tell you I'm not skeptical. And I think that if we can do things in a bipartisan manner, that'll be great. Now it might not work out."

Trump's statement regarding the tax code benefiting the middle class over the wealthy runs contrary to the suggested policies of other Republicans. According to Bloomberg, some Congressional Republicans are willing to consider Trump's stance, like Rep. Mark Meadows of North Carolina, who said, "I'm willing to look at everything." Rep. Tom Reed, a New York Republican, applauded the president for "reaching across the aisle."

Other members of the GOP have doubled down on their ideas for reform in response to Trump. House Ways and Means Chairman Kevin Brady stated his future goal of providing tax cuts to all income brackets.

According to Bloomberg, Brady, a Texas Republican, said, "My goal is to lower taxes on every American if it's possible." Sen. Ted Cruz called for replacing the current system, where people with higher incomes pay higher tax rates, and there is a low, flat rate for individuals and



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Trump's statement regarding his tax code reform has drawn ire from Congressional Republicans and support from Democrats.

families. He also gave a speech Wednesday on his goals for tax legislation during an event sponsored by the Tax Foundation, a Washington policy group. Cruz "called for simplifying the tax code, cutting tax rates to spur growth and, for individuals, instituting a single tax rate in place of the existing seven," according to Bloomberg.

On Wednesday, Republicans stated their intention to release a document in two weeks that outlines the reform legislation that Chairman Brady and the Senate Finance Committee will write. If the document is similar to prior proposals from GOP members, it would largely be a boon for America's highest earners. Nevertheless,

it is uncertain what the final tax legislation will look like.

In a recent meeting, House Republicans claimed there was no agreement yet on what individual tax rates, or the corporate tax rate, should be. For example, while House members discussed a corporate tax rate of 20 percent, Trump stated on Wednesday that he wants a corporate tax rate of 15 percent. Despite Trump's recent stance, it appears unlikely that the middle class will benefit from the planned Republican legislation.

All previous discussion concerning tax code reform included provisions that would largely benefit only wealthy U.S. citizens. In the past, Trump and House Republi-

can leaders have suggested replacing the current seven individual tax rates with only three, and reducing the highest rate from 39.6 percent to 35 percent, a decision that economists have agreed would constitute a tax cut for the wealthy. The elimination of the estate tax would also serve to their benefit.

According to Bloomberg, an analysis by the Washington-based Tax Policy Center found that as a result of the provisions suggested in the one-page tax outline released by the White House in April, almost 40 percent of the tax cuts would have gone to the top 1 percent of earners. As a result, those households would enjoy an average annual tax cut of \$270,000.

## Credit reporting agency Equifax suffers hack affecting 146 million

BY JAHVON MEADOWS  
BUSINESS EDITOR

Equifax, one of the three major consumer credit reporting agencies, recently announced an information breach of private company data that might have affected over 143 million Americans. The data includes sensitive information, such as birth dates, Social Security numbers, names, addresses, credit card numbers and driver's license numbers. This recent cyberattack is one of the largest, most damaging data breaches in history.

Equifax is responsible for the private data of over 820 million consumers and more than 91 million businesses worldwide. According to *The New York Times*, it also manages a database with employee information from more than 7,100 employers. The agency also houses much of the data that is supposed to be a safety net against security breaches, such as security questions and answers necessary for account recovery. With that data now breached, the safety net is completely gone. Equifax says it discovered the breach on July 29. According to CNBC, the company stated that the hack occurred when "criminals exploited a U.S. website application vulnerability to gain access to certain files."

U.S. Securities and Exchange Commission filings show that three Equifax executives, including Chief Financial Officer John Gamble Jr., workforce solutions President Rodolfo Ploder and U.S. information solutions president Joseph Loughran, sold nearly \$2 million in company shares mere days after the cyberattack was discovered. It is unknown if they were aware of the breach before selling their shares, although the company claims that they "had no knowledge that an

intrusion had occurred at the time they sold their shares."

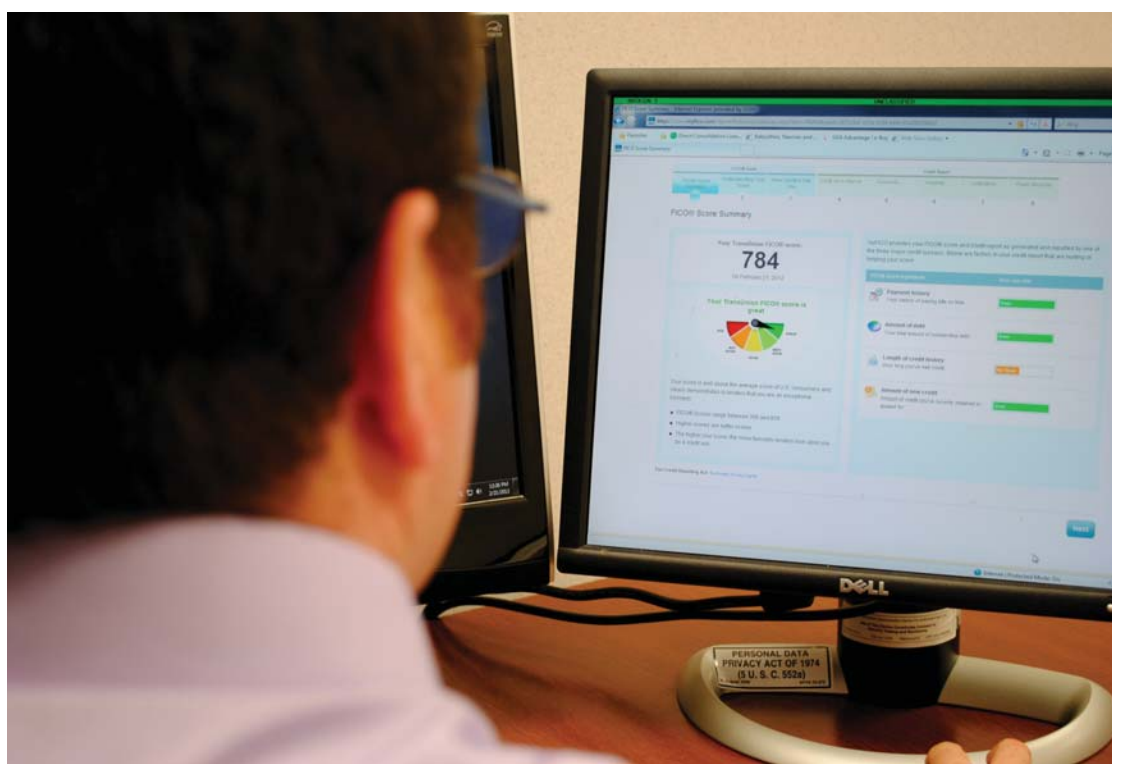
Pam Dixon, executive director of the World Privacy Forum, a non-profit research group, stated, "If you have a credit report, chances are you may be in this breach. The chances are much better than 50 percent." Although other recent breaches are much larger, such as the two breaches Yahoo announced in 2016, the Equifax information breach is more severe. By targeting a consumer credit reporting agency, hackers were able to obtain much more private information.

Using the stolen data, identity thieves can impersonate people, fooling lenders, creditors and service providers who use the identity information Equifax provides to make financial decisions regarding customers. "On a scale of 1 to 10 in terms of risk to consumers, this is a 10," said Avivah Litan, a fraud analyst at Gartner.

Equifax has been previously breached both last year and earlier this year, as hackers stole W-2 and salary data from Equifax's website and a subsidiary of Equifax. Cybersecurity professionals criticized the company for not improving its security practices after these thefts. "Equifax should have multiple layers of controls," Litan said.

"This is clearly a disappointing event for our company, and one that strikes at the heart of who we are and what we do," Richard F. Smith, chairman and chief executive of Equifax, said in a statement, according to *The New York Times*. "Confronting cybersecurity risks is a daily fight."

Equifax is alerting customers who have had their information compromised in the breach by mail, and is cooperating with state and federal authorities, accord-



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Cybersecurity professionals have criticized Equifax for not updating its security practices after two other hacks in recent years.

ing to CNBC. Users can go to the Equifax website to see if their information has been compromised. The site asks for a customer's last name and the last six digits of their Social Security number. However, customers do not get confirmation about whether they were affected, but rather an enrollment date for Equifax's protection service. The credit protection service is free for one year for consumers who enroll by Nov. 21, and is available to everyone. John Ulzheimer, a consumer credit expert, claimed in a *The New York Times* article that "Equifax's offer of one year of free protection falls short of what consumers really

need, because their information can be bought and sold by hackers for years to come."

The company also suggests getting a free copy of one's credit report from one of the three major credit bureaus, which are Equifax, Experian and TransUnion. According to *The New York Times*, it also suggests contacting a law enforcement agency if one believes any stolen information has already been used in some way.

The information breach has negatively affected the company's publicity. For example, Equifax's top information and security executives announced their retire-

ment as a result of the breach. The company's share price dropped 35 percent since the breach was first announced. Additionally, Equifax has been hit with more than 100 consumer lawsuits over the security breach, suits and investigations from state attorneys general and the Federal Trade Commission and claims by financial institutions, according to Bloomberg.

The Justice Department opened a criminal probe in an attempt to surmise whether top executives at the company violated insider trading laws when they sold stock before disclosing that Equifax was hacked.



# JPMorgan CEO claims bitcoin is a 'fraud,' citing its volatility

BY ESTELLE SAAD  
CONTRIBUTING WRITER

Recently, JPMorgan Chase's CEO James Dimon criticized the popular cryptocurrency bitcoin, claiming that it is overvalued and sure to fail. Dimon even said that he would fire any training employee of his company that considered partaking in the bitcoin market for being "stupid."

Bitcoin launched in 2009 as a means of paying for items online without having to use a bank or other financial institution that takes a cut from online spending.

In recent months, bitcoin's use and value has boomed, increasing almost 315 percent this year. This is in large part due to the blockchain technology that underlies the currency. The technology is critical to bitcoin because it is thought to have the potential to reshape the global financial system, as well as other industries.

Blockchain can be used to move money abroad, sign contracts, clear complex financial transactions and make micropayments in emerging countries. It is predicted that bitcoin will eventually become a universal currency, linking the economies of the world.

Supporters hope that the currency will become a common medium of exchange, a store of wealth and a vehicle for legitimate speculation and hedging.

Many, like Dimon, are suspicious of the bitcoin currency for numerous reasons.

First, there is the potential of high price volatility. Bitcoin and other cryptocurrencies experience high price fluctuation regularly, creating an unstable market.

Dimon said that he would not short bitcoin because it is unclear how high its price could increase, an uncertainty which could bank-

rupt traders. Bitcoin is also highly unstable compared to fiat currency, and it is possible that the cryptocurrency is in a bubble, which means it could be overvalued.

Dimon believes that the currency cannot exist without state oversight and that governments will soon intervene.

This sentiment was confirmed by the Chinese government's recent ban on bitcoin in China.

Critics like Dimon think that bitcoin is vulnerable to manipulation and that the blockchain technology is simply a more elaborate database.

Dimon compared the current cryptocurrency craze to the 17th century Dutch Tulip craze, in which the public used tulip bulbs as currency. After a short amount of time, the value of the bulbs increased so much that the tulip market crashed, and the bulbs became worthless.

Although bitcoin is trying to serve the same purpose as the aforementioned tulip bulbs did, the difference between them is that bitcoin is monetized. This means that the value of the currency is greater than its current use value in transactions.

To get to the point that bitcoin enthusiasts envision as the future of cryptocurrencies, a steady and dedicated user base is necessary, which requires time and widespread adoption. It will also take time for authorial institutions to better understand cryptocurrencies and decide how to regulate them.

Many investors believe that cryptocurrencies have no longevity, and will disappear before they become a major regulated currency.

So far, bitcoin is yet to be adopted by any government.

Besides the lack of regulation



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Although cryptocurrencies have seen large returns, investors, like JP Morgan CEO James Dimon, claim bitcoin is overvalued.

and the instability, Dimon is worried about the potential criminal application of cryptocurrencies. He has stated that bitcoin and its ilk are particularly beneficial to people who are trying to keep their financial transactions secret, such as drug dealers and murderers.

Likewise, financial institutions are also concerned about bitcoin's early associations with money laundering and crime.

Bitcoin initially slipped after Dimon's remarks, going down

as much as 8 percent before recovering.

Critics of Dimon say he is disparaging cryptocurrencies by suggesting that they pose a threat to JPMorgan Chase and other banks. As cryptocurrencies become more popular, central banks are increasing their involvement with them and their underlying blockchain technology.

According to the Bank for International Settlements, one option for central banks is for them to be

the only issuers of cryptocurrencies to the public. However, this might increase the risk of bank runs, or lead to commercial lenders facing a shortage of deposits.

Unlike Dimon, some of the most well-known figures on Wall Street are embracing the cryptocurrency.

Fundstrat's Tom Lee sees bitcoin surging to \$6 billion next year, and value investor Bill Miller owns bitcoin. JPMorgan Chase is attempting to use blockchain to reduce trading costs.

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### **Interested Student Should Contact:**

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# Arts & Style

## Novel productions dominate upcoming fall Broadway season

BY MAXIM IBADOV  
SENIOR STAFF WRITER

Following an incredibly successful summer, Broadway is ready for a brand new season full of novel productions and big-name debuts.

To nobody's surprise, the most prominent theme on The Great White Way this fall is politics. The arts flourish in times of political despair and so far, the only positive thing to come out of the current administration is a wave of reactionary creativity — especially in theater.

The most politically sharp piece on Broadway this fall is a one-man show called Michael Moore's *The Terms of My Surrender*. As provocative as the legendary Moore himself, this work is a limited engagement that shares Moore's views on the current and future political situation, as well as what we, the people, should be doing in times like this.

Continuing a pattern of direct hits at politics, Studio 54 will open its door to *Latin History for Morons*. Following a successful off-Broadway run, the star of this one-man show, John Leguizamo, will teach his audience about the history of Latino immigrants in the United States, a history usually ignored.

Another debutant of this season, Uma Thurman, pairs up with "House of Cards" writer Beau Willimon to create a new play, *The Parisian Woman*, inspired by the controversial 1885 French play *La Parisienne*.

Thurman will portray Chloe, a charming socialite who is com-

ing to terms with herself, her family and her powerful friends, all of whom were affected by the 2016 election.

Willimon stated that the script will go through changes every week to keep up with major news coming in from Washington, D.C., which promises to make this play worth seeing multiple times throughout its run.

While *Junk* is not necessarily a political piece, its economic themes fit perfectly into the current narrative. Written by the Pulitzer Prize-winning author of *Disgraced*, Ayad Akhtar, and starring Steven Pasquale, this Shakespearean-styled play follows the story of Robert Merkin, a self-proclaimed "genius," whose ideas resulted in the disastrous financial crisis of 1985.

Following an acclaimed run in London, Lucy Kirkwood's new play, *The Children*, tells the story of two retired nuclear engineers. Detached from reality, the characters are enjoying their lives until they receive a guest, whose arrival changes everything.

Another London transfer is *Farinelli and the King*. Inspired by a true story, the play contains music by Claire van Kampen and will welcome back one of Broadway's brightest stars — Oscar and three-time Tony winner Mark Rylance. Rylance will take on the role of Spanish King Philip V, whose depression is cured by an unexpected friendship with a castrato opera singer, Farinelli.

The only comedy of the fall season is *Meteor Shower*, starring Amy Schumer in her Broadway debut.

Written by fellow comedian and songwriter Steve Martin and directed by four-time Tony winner Jerry Zaks, this play also features Emmy winner Keegan-Michael Key, Tony winner Laura Benanti and Alan Tudyk. This play centers around two married couples in Ojai, California who embark on a journey of comedic free fall.

This fall season also features highly anticipated revivals. Roundabout Theatre Company brings back *Time and the Conways*, which has not been produced on Broadway since its original opening in 1938.

Directed by this year's Tony winner Rebecca Taichman, the story shows the status and dreams of a British family just after World War I, and how differently these very dreams play out 19 years later.

Clive Owen makes his Broadway return in a revival of David Henry Hwang's magnum opus *M. Butterfly* about a French diplomat who finds himself in a love affair with a Chinese opera singer, whose secret identity sparks tragic downfall. The revival is directed by *The Lion King*'s Julie Taymor.

In a season dominated by plays, musicals seem to be less prominent. Nevertheless, there are musical shows for different tastes.

Rock legend Bruce Springsteen will play a limited engagement at the Walter Kerr Theatre. Springsteen, who is used to large arenas, will bring a more personal production full of hits and recollections from his incredible career spanning four decades.

Director Harold Prince, who is



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Political plays like *The Parisian Woman* dominate this fall's Broadway season.

a theatrical icon of Springsteen's caliber, commemorates his legacy in MTC's production of *Prince of Broadway*. Featuring a parade of Broadway veterans and directed by Prince himself, this revue takes the audience through the 50 years of musicals that the maestro has brought to life, which include *Cabaret*, *West Side Story*, *The Phantom of the Opera* and *Sweeney Todd*.

The only musical revival on Broadway this season is the 1990 musical *Once on This Island*, which tells the story of a Caribbean Romeo and Juliet in which a peasant girl and a wealthy boy go on a quest to overcome familial divisions and divine interventions.

Keeping up with the transfer trend, the acclaimed new musical *The Band's Visit* lands on Broadway after an off-Broadway tryout. The musical tells the story of an Egyptian police band, whose arrival in Israel leads to disappointment and insurrection from the locals.

The most unexpected guest of this fall's Broadway season is *SpongeBob SquarePants*, an adaptation of the hit Nickelodeon cartoon about the marine residents of Bikini Bottom.

The musical pivots around its versatile score, written in collaboration with various artists, including John Legend, Sara Bareilles, Cyndi Lauper and even the late David Bowie.

## Aronofsky's *mother!* leaves disappointed audiences with discomfort

### REEL REVIEWS



BENJAMIN WALLIN

As hotly debated as Darren Aronofsky's newest film is, one thing is for sure: the movie advertised is not the movie delivered. The director's uniquely titled film, *mother!*, does not offer what its marketing depicted.

Those expecting a horror film full of blood and terror, as shown in trailers, will leave disappointed, or, at the very least, confused for a significant portion of the film, waiting to see the movie for which they paid. *mother!* is significantly stranger than it seems.

In a house in the country, a woman fixes up her husband's childhood home, while the latter attempts to write, only to stare at blank pages.

The two are played by Jennifer Lawrence and Javier Bardem and their characters are named mother and Him, respectively, though these appellations are never used in the film.

Soon, two others, named man and woman, join the two, and are welcomed by Him, but not by mother. The two visitors bring more people and the house fills, before reaching a new level of bizarreness.

What first strikes viewers as strange is the film's cinematography. Aronofsky's camera mostly eschews the formal language of film shots, with close-ups, mid-shots and wide angles used varyingly.

Instead, the film focuses almost entirely on Lawrence. It follows her, circles and leads the way, pointing at her for a majority of the film's runtime. The result is claustrophobic, as the viewer is not watching *mother!*, so much as they are watching the film endlessly transpire around Lawrence.

Discomfort comes in the way of sound as well. Every sound effect, from the shuffle of feet on dusty floors to the scrape of a paint trowel on the wall, is loudly placed within the film's soundtrack. The house is in the process of being rebuilt and is full of creaks. Each amplified sound acts as dissonance in a potentially idyllic country.

When man and woman come to the house, mother is hesitant to allow these strangers into her home. Her husband welcomes them in anyway, ignoring her wishes, assuming she is fine with the idea.

The film is littered with neglectful and uncaring assumptions. In each situation, whether mother is asking people to leave, listen to her, stop fighting or get off the unsecured kitchen sink, her words are met with scorn, derision or apathy.

She keeps pushing and pushing, hoping someone would listen, wishing somebody would care.

A powerful force pushing back against mother comes in the form of Michelle Pfeiffer, who plays woman with a wonderful derision. She asks to use the washing machine and tosses out the wet clothes onto the floor. Pfeiffer speaks patronizingly about mother's marriage, poking at the fact that the latter has never had children.

Whenever woman causes trouble with her husband, she acts like the blame is all on mother. When she thanks Him for his hospitality,

she looks at mother with cruelty in her eyes, as if signaling that she is a force that cannot be reckoned with.

Since there are a tremendous amount of movies available to watch at any given time, there are different methods of rating and ranking them. One in particular, CinemaScore, is based on opening-night crowds that were asked what they thought of the movie they attended, which gets graded on a letter scale from A to F. *mother!* got an F. Low ratings may be doled out to good movies when they do not match the expectations of their audiences, and to discuss what *mother!* was really about, one must dive into the territory of spoilers.

The biggest clue comes by way of the credits. In biblical tradition, the pronoun for God is "Him." The only capitalized name in the credits is Bardem's character, Him. Other characters include bumbler, phi-

landerer, abettor, plunderer, aesthete, herald and devotee. The titles sound biblical in their focus on the role of each character.

At the beginning of the film, mother tells Him, "I wanna make a paradise," and near the end she says that she will "get started on the apocalypse."

*mother!* is the start-to-finish Christian tale of existence occurring within a single home. It begins with man and woman coming into paradise, proceeds through brother killing brother and a child being born between mother and Him, ending in a fiery blaze of destruction.

Nowhere in the horror-style trailers is there an indication of the biblical nature of this film. Even the cinematography is made to look normal.

Before the U.S. premiere of *mother!*, Aronofsky apologized for the movie he made. He said that he "attacked [his] computer and vomited" on the audience, proclaiming "unleash it!" to open the film.

For a significant portion of the film, *mother!* is just something tense and uncomfortable, waiting for a release, but by the time it eventually reaches the apocalyptic craze that is its finale, the weight of the moment is lost.

Aronofsky plays around too long and stretches out the rest of the film to the point where the reveal is lackluster.

There is certainly something to appreciate in *mother!*, but it is hard to find. For two hours, viewers circle around Lawrence, feeling the trepidation of not belonging and not being heard. The film, however, is too insistent on its subtext to be of much interest.

Instead, one wonders why they did not get to see the type of film the trailers made it out to be.



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Lawrence plays mother, whose relationship with her husband is tested when uninvited guests arrive at their home.



# Swift, Twain among artists set to release new albums this fall

BY MEGHAN RILEY  
CONTRIBUTING WRITER

Miley Cyrus, Ringo Starr, Taylor Swift and Shania Twain are just a few of the many artists who promised new music to their fans in 2017. Since the news broke, supporters of these artists have been anxiously waiting to hear what they have produced in the studio.

To start off the season, on Sept. 8, pop artist Sam Smith released a new single after a long break from the music scene. In the year and a half, during a management-imposed hiatus that Smith took from music, he managed to get a break from the limelight in which he spent most of 2014 and 2015.

In this time, he was able to “write music ... freely,” according to a post on his Instagram, where he thanked his fans for being patient with him. His new single “Too Good At Goodbyes,” holds a light to the same slow piano melody and strong vocals that had so many people falling in love with his music at the beginning of his career in 2014.

The song debuted on Sept. 8 at No. 1 on the iTunes charts in both the United States and Smith’s own United Kingdom.

Also on Sept. 8, rising country artist Thomas Rhett released his third full-length album *Life Changes*, which also held the No. 1 position on the iTunes top charts for a while. The album is about the dramatic changes that the 27-year-old artist has gone through in the last few years of his life.

The title track, written with the help of his father, follows the pivotal moments in his career and private life from college until now. With a new addition to his family back in August, and in the midst of his first headlining tour, Rhett has a lot of changes to disclose.

Gucci Mane released his newest album *Mr. Davis* on Sept. 15, with tracks featuring Chris Brown, Migos, Big Sean, Ty Dolla \$ign and others. He has been very busy in the last year and a half since his release from prison, in which he released two other full-length albums, along with a few cameos in other artists’ works.

Michael McDonald is another one of the many artists who have been working on their comeback to the music business. McDonald debuted *Wide Open* on Sept. 15 as well, which was his first all-original album in 17 years, as well as his first studio album in over nine years.

The soul-filled track list was well-received by fans, both from the premier days of his career, as well as a younger generation that he finds himself gaining popularity with today.

Another big release on Sept. 15 was Starr’s long-awaited album, *Give More Love*, which features musicians Starr met during his extensive career in the business. These features include Peter Frampton of Humble Pie and The Herd, Dave Stewart, Joe Walsh from the Eagles and Starr’s fellow Beatles member, Paul McCartney.

Fergie and Twain are two more artists set to release comeback albums in late September.

Fergie’s sophomore full-length album, *Double Dutchess*, comes 11 years after her first and only other solo album, *Dutchess*. Despite having a successful career through her position as frontwoman in the Black Eyed Peas and having her songs featured in film soundtracks, she only ever released one full-length album on her own.

Her second official album was available to download on Sept. 22 and includes collaborations with Nicki Minaj and Rick Ross.

Twain’s new album *Now* will be



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*Double Dutchess* is singer-songwriter Fergie’s second full-length album, marking her highly anticipated comeback after 11 years.

her first album in 15 years since *Up!* debuted. After divorcing her husband and producer, Robert “Mutt” Lange, the Canadian singer-songwriter opens up about her life. The album will be released on Sept. 29.

Also on Sept. 29, Cyrus is set to release her highly publicized new album *Younger Now*. With a solid classic rock, pop sound, Cyrus shows fans a calmer side of herself than they are used to seeing. Cyrus has been entirely involved in the making of this album, from songwriting to producing, as well as to working on the visuals.

The title track “Younger Now” was released on Aug. 18 and made it to No. 13 on the iTunes top charts.

Demi Lovato is releasing her sixth full-length album titled *Tell*

*Me You Love Me* on Sept. 29. The slow-paced title track that conjures an image of Lovato longing for love was released on Aug. 24, following her upbeat July 11 release “Sorry Not Sorry,” which speaks more to the singer’s independent and confident side.

Lovato broke the news of her new album to her fans by posting an 18-second video of her singing “Tell Me You Love Me,” in addition to what fans assumed was the album’s cover photo.

In October, P!nk fans can look forward to *Beautiful Trauma*, her first full-length album since *The Truth About Love*, which went double platinum in 2012. *Beautiful Trauma* will be the singer’s seventh album to date and her break-

through back into the music world after a five-year hiatus.

Swift announced that she will release her new album, *Reputation*, on Nov. 10. Swift made waves in the music industry and the media with the debut of her new single “Look What You Made Me Do,” which established a newer, edgier sound for Swift.

Fans should not be expecting the old Taylor to reappear in this new album since the artist even said in her music video for the new single that “she’s dead,” referring to her younger self.

This year has seen a lot of new music from both rising artists and popular artists, and this fall is set to be a highly anticipated season for the music industry.

# Herzog’s *Mary Jane* sends powerful message about illness and health

BY REUVEN GLEZER  
SENIOR STAFF WRITER

The painful facts of life do not need to be life-altering in the world of *Mary Jane*, Amy Herzog’s potent new play running at the New York Theatre Workshop through Oct. 15.

The titular mother, played by the wondrous and talented Carrie Coon, is the primary caretaker of her chronically ill son, Alex, whom we never see at any point in the work, which speaks to the

play’s powerful effect. This seems like a situation ripe for melodrama, but Herzog’s clever writing deftly strikes away any potential risks for long, sappy meditations into what it means to be a caretaker for someone who may never get better.

However, to *Mary Jane*, her friend and Alex’s nurse Sherrie, — played by Liza Colón-Zayas — and to the audience, he is still a beautiful boy with something “going on upstairs.”

It is a welcoming change to see

a character like *Mary Jane* onstage. Frankly, she is no stoic martyr and no suffering cynic. One gets the impression that the kind, slightly scatterbrained, anecdotal *Mary Jane* is still the same woman she was before Alex was born, rather than some new person forged of tragedy and trauma.

Taking care of Alex is no easy feat, with *Mary Jane* needing long leaves from work and a nurse at times when she does have to be away. It also speaks to the under-

standing of people who can comprehend what a trial it can be to care for someone each day.

She is also not a fan of people taking responsibility for things they cannot control. When Sherrie’s niece, Amelia, played by Danaya Esperanza, desperately apologizes for not making an important call fast enough and for Alex’s state, *Mary Jane* can only ask for what she could possibly be sorry.

Life is blunt in the world of *Mary Jane*, so it is perhaps no wonder that *Mary Jane* does not seem to see her life as an acclimatization of new conditions, but rather as a logical series of actions in the wake of something unexpected.

Her ex-husband, Danny, ran off when he was unable to cope with Alex’s condition and *Mary Jane* is in no way bitter toward him. If anything, she understands his decision but also understands that Danny’s decision was not her own decision.

She is also a little too forgiving of the unseen Donna, one of Alex’s rotating nurses who tends to drift off during the job, much to chagrin of the loving yet hardworking Sherrie.

*Mary Jane*’s life is no bitter pill, beautifully evoked in the scenic design of Laura Jellinek, who creates a small yet loved apartment in sea-foam green that is lived in as well as loved.

It would have been easy to make *Mary Jane*’s life a barren landscape, but the ever-present mother still works, has friends, checks in on their lives and even helps other mothers with disabled children learn the ropes of navigating an unhelpful bureaucracy. She is not endlessly wise, however.

In the show’s much more nerve-racking second act, she receives counsel from the hilarious and knowing Chaya, who describes with tact the strange dilemma of friends and family offering help but having little power.

“I tell them to pray for me,” Chaya tells her Orthodox Jewish community, who is just as helpless as people without faith when it comes to things as undefeatable as mortality.

That second act is more than just an ersatz therapy session. The situation *Mary Jane* finds herself in is a thankless one, with the honest direction of Anne Kauffman, who seems to do better in stranger, fringier works than her big revivals at the New York City Center and on Broadway.

The ominous lighting by Japhy Weideman instills a sense of bubbling worry in the play. As usual, everyone attempts to be as helpful as they can, but it is almost as if both the rose-tinted glasses that they wear and the eternal worry of professionals is poison to *Mary Jane*’s soul.

The only person who truly offers some measure of peace is Tenkei, played by Brenda Wehle, a Buddhist chaplain who simply sees things as they are.

*Mary Jane* and Tenkei’s conversations serve as a balm to the stress of the second act, emphasizing not pain and morbidity, but the truth of bad things and the unusual way time seems to flow when we worry for those we love.

For a play with a 95-minute runtime, *Mary Jane* feels much longer, to its benefit. It does not feel overly condensed and every scene glides into the next with ease. It is also the kindest play to be running off-Broadway this season, a beautifully empathetic work that does not layer treacle even in the most depressing of scenarios.

Herzog’s play is not some happy-go-lucky, loving journey through illness and eventual health. If anything, it is a well-composed letter to everyone going through the day with the world on their shoulders.



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*Mary Jane* follows the titular character, played by Coon, through her experiences of caring for her chronically sick son.



# Waters returns to road for 'Us + Them' tour to promote new album

BY LUIS LUCERO  
SENIOR STAFF WRITER

Four years after his lengthy and record-breaking "The Wall Live" world tour ended, Pink Floyd bass guitarist, Roger Waters, finally returns to the road to promote his first solo album in 25 years, *Is This The Life We Really Want?*

This tour, known as the "Us + Them" tour, also comes on the heels of his Pink Floyd bandmate David Gilmour finishing his world tour for his latest album, *Rattle That Lock*.

On Sept. 11, the tour arrived for a four-night stint in New York City, with two shows at the Barclays Center and another two at the Nassau Coliseum.

Compared to his last two tours, both of which featured Waters performing a Pink Floyd album in its entirety, this tour features a "greatest hits" approach when it comes to the classic Pink Floyd songs.

A near complete performance of the band's 1973 masterpiece *The Dark Side of the Moon* is still part of the set list. One classic album that is also given a fair amount of representation in the show is the band's 1977 album, *Animals*.

After spending decades being largely ignored, a couple of tracks from the album *Pigs (Three Different Ones)* are performed in celebration of the album's 40th anniversary. As far as recent material goes, five of the newest album's 12 songs are featured in the set list.

While that is a decent amount of new songs to feature, it kind of pales in comparison to Gilmour's tour, which featured most of the songs on his album, played in a near sequential order, in addition to Floyd classics in between the

new tracks.

Compared to the more mellow approach preferred by Gilmour, there is a heavy emphasis on social commentary and political themes all throughout Waters' show. In particular, he made it a point to criticize President Donald Trump in several of the songs.

"Pigs (Three Different Ones)" is almost rewritten to be an anti-Trump song, with several humiliating cartoons of him flashing on the screen. But for all the harsh reminders of the volatile political and social climate, Waters did include a somewhat heartwarming ending for the show.

Leading up to the moment the band takes the stage, a lengthy clip of a woman sitting in a desert looking toward the sea is broadcast. After the last encore, the show returns to this same clip, but ends with her reuniting with the little girl from the video "The Last Refugee."

Throughout their existence as a touring band, Pink Floyd has more or less set the standard for large-scale rock shows. From a colorful light show to the elaborate animations made specifically for the band, many of the displays used by the band have been copied by other artists of various genres.

Wanting to top *The Wall*, Waters aimed to create a show that both used the latest in concert technology and retained the sensory overload that defined Pink Floyd.

For the first act, Waters simply used a giant rearview screen on stage, but following a 20-minute intermission, a wide scene unfolded in the middle of the arena. After four small smokestacks rose from the top, a building facade was projected onto it, making it

look like the grimy Battersea power plant from the *Animals* cover, complete with a small, flying pig floating on top.

Fittingly, the trademark giant inflatable pig made its appearance, fittingly enough, during "Pigs (Three Different Ones)," keeping with the theme of the show.

All sorts of Trump paraphernalia is plastered on the balloon, complete with a giant painting of Trump saying "I won!" The grand finale of the show featured a giant laser prism with rainbow lights, mimicking the cover for *The Dark Side of the Moon*.

The band that Waters assembled for the tour, despite playing Pink Floyd songs for a majority of the show, managed to come off as a natural creative unit rather than a simple tribute band. One member in particular who stands out is Los Angeles-based guitarist Jonathan Wilson.

Aside from nailing all of Gilmour's original guitar parts, he also does a good job singing Gilmour's original lead vocals as well.

The first night in New York also happened to be the 16th anniversary of the terrorist attacks on the World Trade Center. The significance of the event was not lost on Waters, who dedicated the emotional three-song encore to not only the victims of the tragedy, but also to the first responders who have succumbed over the years to various 9/11-related illnesses.

While the political themes may be a bit off-putting for some audience members, the "Us + Them" tour brings about everything that fans have come to expect from a Waters tour, complete with a few memorable new songs thrown into the mix.

# Zero to One describes Thiel's ideas on business

BY ALEXANDER WIECKOWSKI  
CONTRIBUTING WRITER

Peter Thiel is known as one of the most controversial individuals in Silicon Valley due to his unique perspective on business and his credentials to back up his views. He co-founded well-known companies, PayPal and Palantir, and made early investments in Facebook, SpaceX and LinkedIn.

Thiel describes his thoughts on business and startups in his book *Zero to One*. The book has received praise from well-known entrepreneurs, such as Elon Musk and Mark Zuckerberg, and has even become a required reading for several classes at Baruch College.

The book's title refers to the idea of going from nothing to something. Thiel starts the book by breaking up progress into two sections: vertical and horizontal. Ideally, it would be better to start a company that focuses on vertical progress, or making something new, instead of horizontal progress, which is copying something that already works.

Too often entrepreneurs create a business around incremental improvements on an already existing product. Making a faster or cheaper typewriter will not change the world, but building a word processor like Microsoft Word will.

Throughout the book, Thiel provides readers with tips on what to look for when building a startup, how to grow a business and what successful companies have in common.

Some of his theories may seem unorthodox at first, but Thiel uses data and facts to make a convincing argument.

In business classes, students

are taught the benefits of the "first mover advantage." If a company is the first to market, it can capture significant market share while competitors scramble to get started.

Thiel argues, however, that being the first mover is not enough. Instead, companies should focus on being the last mover — that is, making the last great development in a market.

There were social media networks that had first mover advantage, such as Myspace, but Facebook was able to make a better product and overtook Myspace in users and revenue several times over.

Another one of Thiel's beliefs is that monopolies, for the most part, are good. In Thiel's mind, a monopoly can be good because it provides a steady stream of revenue and motivates the company to keep innovating to maintain its profits.

*Zero to One* refers to Google as an example. The firm has a monopoly on search engines because it has a better product than Bing or Yahoo. Of course, individuals are free to use other searches, but they choose not to use them.

Google, meanwhile, wants to keep its profits, so it constantly works on improving its products. Its large profits also allow it to be innovative and invest in other ventures, such as Android, artificial intelligence and self-driving cars.

Thiel's ideas may seem unconventional at first, but just by looking back on the last 10 years, one will find that the best ideas are often viewed as bizarre at first.

Sometimes it takes a radical idea to build a revolutionary company.

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# THE MEADOWS

## MUSIC AND ARTS FESTIVAL



Text: Victoria Merlino  
Photos: Bianca Monteiro  
Graphics: Stephanie Mesquita

## What is The Meadows?

For the second year in a row, Queens, New York, transformed into the center of the music world as thousands descended upon Citi Field for The Meadows Music & Arts Festival. Held from Sept. 15 to Sept. 17, The Meadows showcased top talent in the music industry, with headlining performances from Jay-Z, Gorillaz and the Red Hot Chili Peppers. By adding an extra third day to the festival, organizer Founders Entertainment was able to secure over 60 acts across four stages that drew festivalgoers to Flushing Meadows Corona Park by bus, No. 7 train and car.

Besides music, the festival is also known for its food and art. New York favorites, like Dough, Luke's Lobster and Roberta's Pizza were all in attendance to service festivalgoers, along with the FEASTival of Queens. The FEASTival was a sampling of eateries located in Queens, curated by Queens-based food writer Joe DiStefano. Colorful graffiti was also painted across shipping containers and other surfaces by artists specifically for the festival.

Though The Meadows is still in its infancy, its future already looks promising. Join *The Ticker's* journey through the festival and experience what we encountered.



## The Ticker's Top Performers

### FUTURE



Atlanta-based rapper Future gave a star-studded performance Saturday evening, with Nicki Minaj, Yo Gotti and Young Thug all making cameos. DJ Esco served as Future's hype man for the evening, asking the crowd which side was the most lit, and talking up Future as he performed. A stop on "The Future Hndrxx" tour, the set featured songs off the new album, including the hit track, "Mask Off."

Nicki Minaj appeared in a huge fur coat for "Rake it Up" along with Yo Gotti, causing fans to rush the stage in excitement. Young Thug came out to perform hits "Pick Up the Phone" and "Everyday." Future disappeared while Young Thug was performing, leaving the entire crowd longing for him, though he returned to perform their collaboration, "Relationship." Future's set also featured a handful of backup dancers who entertained the crowd and also hyped up the performance with their movements.

Future, for his part, gave his all during the set, jumping around, talking to the crowd and bantering with DJ Esco. Though his performance was only roughly an hour long, it felt like the perfect length to both satisfy fans and leave them wanting more.

### GORILLAZ



Gorillaz mastermind Damon Albarn seemed almost possessed during his Saturday night set. Both world-weary and electrified, Albarn projected an easy confidence as he weaved through the band's catalog, performing songs from Gorillaz's latest album, *Humanz*, as well as older fan favorites.

Even during one of the most difficult moments of the show, when it was discovered that the pivotal large bell featured in "We Got the Power" was cracked and would not ring, Albarn kept total control of the situation and glided through the rest of the set.

Gorillaz's status as a virtual band is its defining feature, and visuals subsequently played a major role in the performance. A large screen behind Albarn and the real band displayed the band's four cartoon players: front man 2-D, bassist Murdoc Niccals, guitarist Noodle and drummer Russel Hobbs. As clips from past music videos of the virtual band played, Albarn would oftentimes sync up his vocals to match 2-D's lip movement in the visuals, creating a harmonious effect.

Gorillaz has a long list of collaborators, and a great number of them delighted the crowd through guest appearances: De La Soul, D.R.A.M., Jehnnny Beth and Pusha T, among others, took the stage alongside Albarn. Yasiin Bey, formerly Mos Def, performed "Stylo" live with Albarn for the first time in seven years. The show closed with "Clint Eastwood," featuring rapper Del the Funky Homosapien.

### WEEZER

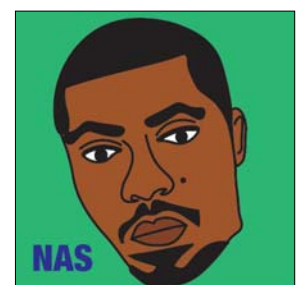


Rock band Weezer gave an admirable performance in the face of numerous technical difficulties. The first portion of the band's Sunday set was plagued by what sounded like a blown-out speaker causing popping noises, and the screen showcasing visuals behind the band temporary glitching out and going black. However, frontman Rivers Cuomo and the rest of Weezer played on.

Promoting Weezer's 11th studio album, *Pacific Daydream*, the band played some of its new songs, to which many members of the crowd already knew the words. The music video for "Mexican Fender" accompanied the band's performance of this new song, adding to the experience. Surprises in the set came in the form of a cover of OutKast's "Hey Ya!" as well as the first verse and chorus of Mike Posner's "I Took a Pill in Ibiza." Though Cuomo did not speak to the crowd often during the set, his stage presence nevertheless drew in adoring fans, who would flash him the Weezer "W" with their hands in appreciation.

The set-ending "Say It Ain't So" provided a cathartic experience, with fans wailing along with Cuomo as he reached the song's peak. Encore song "Buddy Holly" left fans clamoring for more as they sang to the lyrics. As Weezer departed the stage, the crowd roared with chants and cheers. Though the band played on a massive stage, the set felt incredibly intimate, as if it was playing in someone's best friend's brother's garage. Overall, Weezer seemed to have as much fun as fans did.

## Other Performers





## ERYKAH BADU



Toward the end of her Saturday set, Badu said that, “The only thing we can do other than love is be in denial of love.” The statement encapsulated the Zen found in her roughly hour-long performance. Badu was magnetic on stage, hitting high notes, talking about her life and showing the crowd her middle finger as she sang, “Had three babies, different dudes / This is my last interview.” Clearly excited to be on stage and performing, Badu cared for the crowd, asking for a “roll call” of those who were attending their first live Badu concert and even stopping mid-song to point out that a fan in the crowd had fainted and needed assistance.

## BADBADNOTGOOD

Toronto-based band BadBadNotGood played a light, jazzy, entirely instrumental set that attracted a crowd through a flute, a saxophone and the overwhelming power of the band’s bass. Though the band’s spot in the festival was not optimal, as it was featured earlier in the day on Saturday, BadBadNotGood delivered a quirky performance that was as intriguing as it was entertaining. This is a band that deserves more acclaim, and will hopefully be back at The Meadows in future years.



## FOSTER THE PEOPLE



Indie band Foster the People delivered a high-energy performance that left a crowd of fans wanting more. Many songs came from the band’s new album, *Sacred Hearts Club*, though fan favorites like “Helena Beat” and “Pumped Up Kicks” were also played. A surprise cover of “Blitzkrieg Bop” by legendary Forest Hills rockers The Ramones was a fitting homage to Queens. Frontman Mark Foster commented on the new album, saying that the world’s social climate had changed dramatically since the band’s last record. “Joy is the best weapon,” said Foster, against “oppression and depression,” and his performance proved that.

## SLEIGH BELLS

Sleigh Bells’ frantic, high-energy Sunday performance saw vocalist Alexis Krauss bopping around stage and nearly jumping into the crowd as she belted the pop duo’s signature songs, including “Kids.” Krauss proclaimed her excitement at performing in the city where she lives and it showed in her every movement. Along with guitarist Derek Edward Miller, Krauss performed with a rawness and openness that proved entrancing.



## RED HOT CHILI PEPPERS



A massive crowd gathered Sunday night to close out the festival with headliners the Red Hot Chili Peppers. The band’s set was the picture of California cool, and every note seemed effortless as the band blasted through hits like “Californication.” The multiple screens above the stage allowed for up-close looks of each band member during the performance, and gave fans at the fringes of the crowd a perfect view. Watching the band was the perfect way to end the weekend.

## FESTIVAL FASHION AND STYLE

Fashion plays a major role in any music festival. While artists are usually expected to look their best, the festivalgoers often upstage them. Below are some of *The Ticker’s* favorite looks from the weekend.





# Science & Technology

## Science professor discusses available research opportunities

CONTINUED FROM FRONT PAGE

His latest research was an analysis of how predators impact oysters, a collaboration with the River Project and Billion Oyster Project. In a personal interview, Gosnell described the oyster project and how students, even non-science majors, can get involved in hands-on ecological tasks.

### Maya Yegorova: What are your research interests?

Dr. Stephen Gosnell: In the lab, I am interested in two things: local coastal communities and oysters. A hundred years ago, New York City oystereries were well-known and sustainable. Oysters protected our shores, filtered the water and provided erosion control.

Due to pollution, however, the oyster population all but disappeared. After Hurricane Sandy, there was a renewed interest in green infrastructure. I take students to Governors Island to see the oysters grown there. Half of it is a hands-on experience and the other half is quantitative analysis, or using data to see where to plant oysters.

### Can you elaborate on your oyster research and the *Marine Ecology Progress Series* article that described how oysters responded to changes in predator number rather than in predator size?

Oysters were placed in Florida from the northern tip of the state to the Gulf of Mexico. There, the oysters were grown to eat. The cages were on top of the water so the oysters

received sunlight and energy, but the presence of predators reduced oyster population growth by 20 percent and the oysters produced thicker shells.

In the New York City area, we put the oysters in the Hudson River. There, the issues are with the sewer system — the untreated water goes back into the river because of the combined sewage overflow.

Because the pipes are diverted to the Hudson River and East River, the water is enriched with nitrogen oxide. Dealing with the influx of nitrogen oxide is something that oysters do well. They produce feces and the pellets fertilize microbes, which take the nitrogen oxide and put it back into the air. The mollusks do a huge service because excessive nitrogen oxide means health problems and beach closures for New Yorkers.

### How do you engage students, particularly those who are non-science majors, to explore the research opportunities available?

The Introduction to Environmental Science class [at Baruch] is a literature and conceptual class that examines why ecology matters.

Most of the students in that class are business majors, and I invite them to do research both inside and outside of class. A lot of students already know dataset and data management, a skillset utilized in science.

### What were some of the past research opportunities that undergraduate students were involved in?



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Gosnell's oyster research discovered that the presence of predators reduced oyster population growth by 20 percent.

I had students that worked on database projects to help build tanks on Governors Island.

### Can you describe an undergraduate student's research that you believe was particularly successful?

One student wrote her senior thesis on the size and number of predators using meta-analysis and ran a large-scale model.

What do you think your greatest

### contribution to Baruch was?

In 2012, we introduced the biology major. We also have a new course called biology statistics, or BIO 2100. Students learn software and R programming language. Additionally, we redid our conservation biology course, and we teach outside half the time by taking students to Governors Island, the United Nations and zoos.

Do you have any advice for

### students?

A: Find a professor whose research you are interested in and email them. They will be happy to meet you and work in a lab with you. Get involved with research experience because it will make you more marketable when looking for a job. We send students to class, but they find no jobs after graduation. A student may be good at taking notes, but research and thinking critically will better prepare them for the future.

## High carbohydrate consumption leads to increased mortality rate

BY SHARON LU  
CONTRIBUTING WRITER

According to a study from the Population Health Research Institute of McMaster University and Hamilton Health Sciences, there is a correlation between the nutrition factors in various food sources, such as fruits, vegetables and meat and the presence of cardiovascular diseases and mortality rates.

The study shows how moderate consumption of fats and carbohydrates can benefit human health. Individuals with higher carbohydrate intakes have a higher risk of death. However, those individuals do not have a higher risk of cardiovascular disease.

To understand the basics of nutrition, one must know that the human body requires a large amount of energy. Calories are units of energy that are absorbed through food consumption and are usually displayed on the food's packaging. This energy is broken down from calories into macronutrients, such as proteins, fat, carbohydrates and alcohol. These macronutrients fuel the human body.

With fats and carbohydrates, moderate consumption of both is best suited for good health. The average human body has low muscle mass and high fat mass, which can be calculated through body fat percentage, a measure of body composition. To gain weight, the human body must intake more calories from food than the body expends.

Studies have shown that higher carbohydrate intake has been associated with a higher risk of total mortality. Total mortality is a measure of the rate of death in a population.

Consumption of individual fats were related to lower total mortality, but were not directly associated with cardiovascular diseases, myo-



NICOLE PUNG | THE TICKER

Moderate consumption of fruits and vegetables is known to boost one's health, while a diet high in carbohydrates is linked to a 60 percent mortality risk.

cardial infarction or cardiovascular disease mortality. However, there are studies in which saturated fats had an inverse correlation, where they increased the risk of having a stroke.

To elaborate more on carbohydrates, one must understand how insulin works because it facilitates growth within the human body. Having higher levels of insulin will catalyze the body's need for carbohydrates, but insulin also stores fat. That does not mean that eating carbohydrates can increase the amount of muscle mass, because the body will store any excess carbohydrates as fats. This is known as the "cycling" of carbohydrates.

Carbohydrates are consumed by the human body for energy and are

found in most foods. These break down into sugars, such as glucose or fructose, which are dense in energy and become quickly metabolized.

Moderate consumption of carbohydrates has shown to create fiber, which cleans the blood tubes, but because carbohydrates are broken down so quickly, blood sugar levels in the body spike up and can stress the pancreas.

The study at McMaster University has shown that consuming a higher amount of fat is associated with a lower risk of death.

However, people with a diet that is high in carbohydrates have a 60 percent higher risk of mortality, compared to people whose carbohydrate consumption is moderate.

The former do not have a risk of cardiovascular disease.

International studies have also shown that with populations in South Asia, a decrease in fat intake automatically led to an increase in carbohydrate consumption.

This explains why consuming more carbohydrates than fat leads to higher mortality rates, as the South Asian population consumes fewer fruits and vegetables than Western countries due to high prices.

According to researchers, the fruit, vegetable and legume intake in 14 different countries was between three to four servings per day, whereas most nutritionists recommend a minimum of five daily servings.

This daily required serving is difficult for families to meet financially in Africa, China, South Asia and Southeast Asia, so the daily servings of fruits and vegetables are consistently lower. High carbohydrate intake is associated with a higher risk of total mortality, whereas total fat and individual types of fats are related to lower total mortality.

The fact that mortality rate can be dependent on nutritional values, such as fats and carbohydrates, can change global dietary guidelines. Dietitians and dietary guidelines have recommended consuming foods whose total fat had not exceeded 30 percent of the daily value. Due to these new findings, that number may soon change.



# Happy music promotes creativity

BY ALI HUSSAIN  
CONTRIBUTING WRITER

Participants who listen to happy music find more creative solutions to problems when compared to those who do not listen to anything, according to a study published in the journal *PLOS ONE*.

The study, conducted by Simone M. Ritter from Radboud University in the Netherlands and Sam Ferguson from the University of Technology Sydney in Australia, had 155 people sorted into five groups.

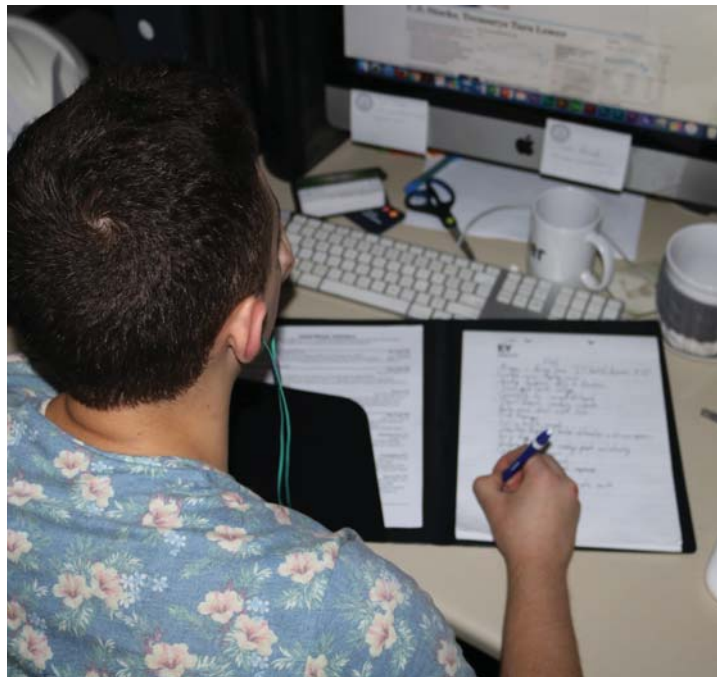
Before the experiment, the subjects were given a questionnaire to weed out the chance of pre-existing moods interfering with the study. Each group was then told to listen to a different type of music based on its valence — a measure of the attractiveness of an object or situation — and its arousal.

Participants were separated into four groups, each of which listened to a different type of music: calm, happy, sad and anxious. Calm music has positive valence and low arousal; happy music has positive valence and high arousal; sad music has negative valence and low arousal and anxious music has negative valence and high arousal.

The fifth group was the control group that was subjected to silence. Every group took two tests, one for divergent thinking and another for convergent thinking.

The results of the tests revealed that happy music allowed for a significantly higher score on the divergent creativity test than silence did, while there was no effect on the convergent creativity test scores. The researchers suggested that the variables involved with happy music facilitate flexibility in thinking.

Divergent creativity is defined



NICOLE PUNG | THE TICKER

Participants who listened to happy music scored high in divergent creativity.

as the type of creativity that one indulges in when he or she tries to find different solutions to a posed question, while convergent creativity is the type of creativity that people use to find a single correct answer. Divergent thinking allows one to create any number of ideas without limitation, while convergent thinking narrows down that number of ideas to gain clarity. The highest level of creativity demands both divergent and convergent thinking.

This makes sense because during the period in which humans evolved, there was never the dull monotony of a desk job at an office. People were always surrounded by the ambient noises of birds chirping, water lapping, winds whooshing and fires crackling.

Even if someone were to go back only a couple of centuries, they would find droves of successful people like Charles Dickens, Søren Kierkegaard and Henry David Thoreau, all of which used to saunter through their neighborhoods daily in an effort to find that ambience.

Now with the advent of apps, like Spotify, at one's fingertips, one may find that they do not need to wander aimlessly in order to find the ambience for which these greats of history were searching.

While more investigation needs to be done to see how music compares with other ways of increasing divergent thinking, we can keep tapping our feet to happy beats for now, knowing we are using a simple, stress-free way to increase our creativity.

# Apple reveals 3 iPhones

TECH NEWS



SHELLY HO

Apple announced the release of three new iPhones on Sept. 12, during the company's first special event at the Steve Jobs Theater in Cupertino. The conference was livestreamed to an extremely large audience. Apple CEO Tim Cook paced the stage, speaking before the reveal of each new product.

"No other device in our lifetimes has had the impact on the world that the iPhone has," Cook claimed, shortly before unveiling the iPhone 8, the iPhone 8 Plus and the iPhone X.

The iPhone X, pronounced "iPhone 10," is the most technologically advanced of Apple's new line of smartphones. Measuring diagonally, the phone is 5.8 inches long and it comes in silver and space gray. It features an edge-to-edge OLED screen with stainless steel sides and a glass back. One of its more peculiar design quirks is a rectangular "notch" at the top of the screen that stores the phone's camera, infrared camera, light sensor, speaker and microphone.

The iPhone X also boasts a colorful Super Retina Display, and a 2,436 by 1,125 screen resolution. The iPhone X's screen resolution challenges Android phones, such as the Samsung Galaxy S8, which has a 2,960 by 1,440 resolution and the Google Pixel, which has a 1,080 by 1,920

resolution.

The X's main claim to fame, however, is its TrueDepth camera system, a depth-tracking system that allows the phone to implement its controversial new Face ID feature. With Face ID, the iPhone X can only be unlocked if its camera scans the user's face, a feature that supposedly makes the X more secure than phones that utilize Face ID's fingerprint-reading predecessor, Touch ID. Nevertheless, Face ID has raised privacy and security concerns, such as whether law enforcement can force the iPhone X open, if Apple will share data from the feature to third-party apps and whether thieves can unlock a user's iPhone X using the feature.

The iPhone 8, by contrast, has a smaller, 4.7-inch display. Unlike the iPhone X, the iPhone 8 possesses classic Apple styling, with a rectangular frame around the screen and a home button at the bottom of the frame. The iPhone 8 boasts redesigned speakers that will deliver higher pitches and deeper bass than the iPhone 7. The iPhone 8 Plus is designed with a larger 5.5-inch screen and an enhanced, wide-angle camera. Both the iPhone 8 and iPhone 8 Plus come in silver, space gray and gold.

The three iPhones come with Apple's new A11 Bionic chip, touted as the company's "most powerful and smartest chip ever." The new phones are capable of wireless charging using Qi wireless chargers. Furthermore, all three phones utilize Apple's True Tone display, which automatically changes the color and intensity of the screen to match the lighting of the phone's surrounding environment.

The new iPhones have been in stores since Sept. 22. Pricing begins at \$699 for the iPhone 8, \$799 for the iPhone 8 Plus and \$999 for the iPhone X.

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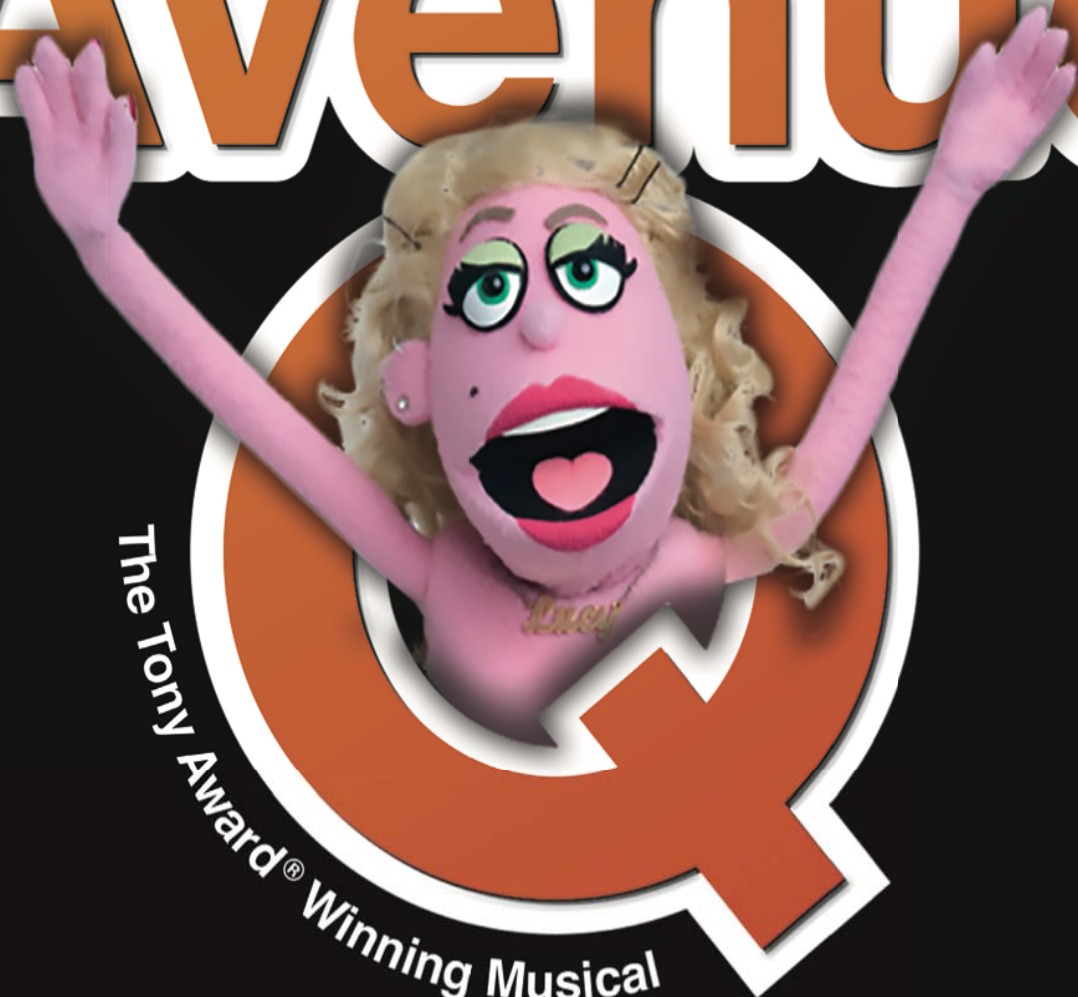


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# Sports



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## Álvarez-GGG matchup marred in controversy

The controversial tie has fans questioning boxing administration

BY PETER LAMBROU  
CONTRIBUTING WRITER

For years, the most prevalent topic in professional boxing has been the sport's long history of mismatches and corruption. Boxing has been put in an awkward place due to irrelevant and lopsided fights, such as Floyd Mayweather vs. Arturo Gatti, Vladimir Klitschko vs. Ray Austin and Roy Jones Jr. vs. Glen Kelly. The recent Mayweather vs. Conor McGregor matchup featured perhaps the most incredible discrepancy in boxing history. The match between a top-10-of-all-time boxer and an amateur who had never participated in a professional boxing match was a weird situation for the sport.

This past weekend, however, boxing fans got all they could have wished for in the matchup between Canelo Álvarez and Gennady "GGG" Golovkin. The fight went back and forth for 12 rounds, captivating the attention of fans all around the world. Unlike the very disappointing Mayweather-Manny Pacquiao bout, both boxers were standing and trading for the duration of the fight. The fight was supposed to give fans a clear answer to who was boxing's best fighter in the middleweight division, which caps at 160 pounds. Both fighters put on world-class performances, but at the end, a clear winner was not crowned.

Mexican star Álvarez, came out of the gate hot, showing all his tools very early in the fight. Álvarez has had a very respectable career, with the lone loss on his 49-1-1 record coming at the hands of Mayweather.

With Álvarez winning the first few rounds, Golovkin turned up the heat and began to dictate the pace of the fight for most of the middle and late rounds.

The reigning IBF, WBC and

WBA Middleweight Champion came into the fight touting a 37-0 record, 33 wins coming by way of knockout. Golovkin delivered an abundance of clean shots and had Álvarez against the ropes for most of the fight. He had a great game plan using his three-inch reach differential and excellent jabs to set up vicious combinations.

Álvarez came back around in the late rounds, but it looked like Golovkin had done more than enough in wake of the official decision.

The true story of the fight came after the official decision following the end of it. Judge Dave Moretti scored the fight 115-113 in favor of Golovkin, judge Don Trella had it tied at 114-114, but chaos broke out when judge Adalaide Byrd scored the fight 118-110 in favor of Álvarez.

To many fans, this was one of the worst scorecards in boxing history. Longtime boxing trainer and current ESPN analyst Teddy Atlas was very upset with the decision and, in a rant with Stephen A. Smith, blamed boxing's administration, most notably the Nevada Athletic Commission.

This has been a commission that has been criticized before, not only within the sport of boxing, but also by UFC president, Dana White. White cited a level of incompetence in the commission, which was on full display, especially during this fight.

This decision once again puts boxing in an uncomfortable place as many fans were shocked and felt they were cheated at the hands of the judges. Both fighters expressed interest in having a rematch following the split draw, but nothing has been finalized as of press time.

The decision will have a huge effect on the boxing world and administration. More news will be available in the weeks to come.

## Baruch men's soccer wins OT thriller

BY TALHA NADEEM  
STAFF WRITER

The men's soccer team defeated the SUNY College at Old Westbury Panthers 3-2 in a thrilling battle that went into overtime. This victory marks the Bearcats' first win before the CUNY Athletic Conference tournament starts this week, and it was the momentum boost the team needed moving forward.

Following two losses to SUNY Potsdam and SUNY Plattsburgh State, the Bearcats were understandably under a lot of pressure to perform well on their home turf just before the championship game. They did not disappoint.

Baruch College led the scoreboard with the first goal of the match coming in at the ninth minute of the game, thanks to a spectacular shot made by star midfielder Cormac Foley, with an assist from Frank Iacovano. The celebration was short-lived, however, as West-

bury responded with an equalizer just seven minutes later and scored another goal just eight minutes shy of the halftime mark.

It was a trying time for the Bearcats coming out after the halftime break, trailing the Panthers 1-2.

They managed to maintain their composure and were rewarded shortly afterward for their efforts when Bakary Kida capitalized on a fantastic through ball, courtesy of midfielder Austin Tucker, tying the game 2-2 in the 59th minute.

The game trudged on until the end of the 90th minute, with both teams tied at two points apiece. Once the overtime whistle blew, the Bearcats quickly pounced and went on the attack.

Shaiem Morad sealed the victory for the Bearcats in the fourth minute of the first overtime half. After that, it was simply a matter of letting the clock run out. The Bearcats outplayed the Panthers on

all fronts, taking 13 shots with 10 of them on target. In comparison, the Panthers managed to take six shots with only three shots on target.

The Bearcats only suffered one offside call and received three corners, while the Panthers had a busy day with the referee, collecting six offside calls with only one corner attempt. This victory was just what the Bearcats needed and they should have a more positive outlook as they have a very busy couple of weeks ahead of them.

They face off against Medgar Evers College on Sept. 16 in their first CUNYAC championship match of the season, and they are booked against four more formidable sides throughout the week, which includes the formidable Dolphins from the College of Staten Island.

Based on their performance so far, the Bearcats are going to enjoy a long and eventful season, which will hopefully end up with a CUNYAC championship title.



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## Tottenham, Barcelona impress on first 2017 Champions League match day

The first Champions League match day was filled with excitement and started the season strong.

BY DANIEL MOROTE  
CONTRIBUTING WRITER

The first match day of the 2017-2018 Champions League season featured all 32 clubs playing with the hopes of winning their first three points, and getting closer to lifting Europe's most desired trophy.

Many clubs zoomed past match day, including F.C. Bayern Munich, Besiktas J.K. Football Team, Chelsea F.C., PFC CSKA Moscow, Real Madrid C.F., Manchester City F.C., Manchester United F.C., Paris Saint-Germain F.C. and even Tottenham Hotspur F.C.

F.C. Barcelona went up against a powerful Juventus F.C. team, who were finalists in the 2016-2017 Champions League. Barcelona came off a bad season and lost Neymar de Silva Santos Jr., one of their prized players, during the summer transfer window.

However, they were able to net three amazing goals past the Juventus defense, including two goals that were shot in by Lionel Messi. The goals were remarkable since this was the first time that the Argentine player was able to score

against Italy's "great wall," Gianluigi Buffon. Barcelona defeated Juventus 3-0.

Tottenham also shined bright on the first match day against Borussia Dortmund. It was a tough matchup between the two teams, both having amazing young talent and very tactical coaches.

Dortmund has been a club to watch in the Champions League since 2013, when they were finalists. They were a force to be reckoned with, knocking out some of the biggest clubs in the competition.

Tottenham has a completely different story, underperforming in its past Champions League appearances. Its matchup game seemed to be going the same way during the first half when Dortmund's Andriy Yarmolenko scored a stunning equalizer in the 11th minute.

However, Tottenham's Harry Kane was able to score a brace in the match, turning it into a well-fought victory for the club and ending Dortmund's 12-match winning streak. Tottenham took home the win, defeating Dortmund 3-1.

Atlético Madrid, RB Leipzig,

Liverpool F.C., AS Monaco FC, A.S. Roma and Sevilla FC started off the league with less ease, only taking home one point each.

Liverpool faced off against Sevilla in a matchup featuring two teams with amazing players and coaches. The hotly contested matchup finished in a 1-1 draw. Atlético is considered one of the stronger teams in the competition, yet shockingly fell to Roma, a team that has yet to show its excellence in the Champions League.

Monaco was last year's golden team, making it to the semifinals and winning its domestic league for the first time in years. However, after losing its star players, the team tied against Champions League debut Leipzig on match day.

Manchester City cruised to an impressive win over Feyenoord 4-0. Romelu Lukaku led Manchester United to a 3-0 victory over Basel.

These victories may not seem like much, as it is only the first match day. However, just as in every sport, every match counts, and teams that are upset on the first day may feel the effects of the losses later in the season. Losing squads will look to rebound on a huge day two.



# Cleveland Indians make history with 22-game winning streak

BY KEVIN MENDEZ  
STAFF WRITER

As the regular season begins to wind down in MLB, teams begin to dig in for that final push. September call-ups are summoned, divisions are clinched and playoff rosters are set as teams prepare for the uncertainty and excitement of the postseason, all chasing the common goal of hoisting the Commissioner's Trophy.

The Los Angeles Dodgers spent much of the summer demolishing the National League. On the morning of Aug. 25, they had a record of 91 wins and 36 losses, tying the 2001 Seattle Mariners for the best record through 127 games. Talk surrounding the team started to revolve around whether it was the best team ever and if it could break the Mariners' 116-game record for most regular season wins. That is when the tables turned for the Dodgers.

The Dodgers proceeded to lose their next 11 consecutive games, including back-to-back sweeps at the hands of their division rival, the Arizona Diamondbacks, and an embarrassing series loss to the woeful San Diego Padres.

Desperate for a win, Los Angeles sent Clayton Kershaw to the mound on Sept. 12 to face the San Francisco Giants. Kershaw smothered San Francisco for six innings, allowing only one run and striking out six. The Dodgers' offense finally provided some run support as second baseman Chase Utley hit a fourth-inning home run that broke a 1-1 tie and outfielder Yasiel Puig later hit a go-ahead two-run double that put the Dodgers in front for good in a 5-3 victory. With the win, Los Angeles officially clinched a playoff berth.

As the Dodgers were suffering through their losing streak,



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Led by Lindor, the Indians made history this week, winning 22 straight games and breaking the 2001 Oakland A's record for longest winning streak in the modern era.

the Cleveland Indians were on the opposite end of the spectrum. The defending American League champions were already running away with the Central division following their win to the Boston Red Sox on Aug. 23. Nobody expected what would happen next, as the Indians proceeded to run off consecutive sweeps of the Kansas City Royals, New York Yankees, Detroit Tigers, Chicago White Sox and Baltimore Orioles. The Indians entered their Sept. 12 contest against the Tigers with a 19-game winning streak. One more victory would tie the 20-game, record-winning streak authored by the 2002 Oakland Athletics, immortalized in the film

*Moneyball*.

Detroit offered little opposition against Cleveland's Corey Kluber, who pitched a complete game shutout in a 2-0 win. The next day Cleveland would make the record its own as outfielder Jay Bruce hit a three-run home run to put the Indians in front early. Starter Mike Clevinger and the bullpen held the leading position in a historic 5-3 victory over the Tigers. The next night, down 2-1 in the ninth inning to the Royals and in danger of losing for the first time in 21 games, Cleveland came up with one last bit of magic as shortstop Francisco Lindor slapped a game-tying RBI double. One inning later, Bruce

would hit a walk-off RBI double off of Kansas City reliever Brandon Maurer in a 3-2 win to push the streak to 22 consecutive games. The streak would end the following night as the Royals took a 4-3 lead into the ninth inning and reliever Mike Minor would strike out Lindor with a man on first base to end the game. As the Royals were exchanging handshakes on the field, the Indians came out to salute the fans in attendance, thanking them for their support throughout their historic run.

As Hurricane Irma barreled toward South Florida, MLB scrambled to find a neutral site to relocate a scheduled New York Yankees vs.

Tampa Bay Rays series.

After the Rays turned down locations, such as Baltimore and Chicago, the decision was ultimately made that the Rays would host the Yankees at Citi Field, the home of the Mets. What followed over the next three games was one of the most bizarre series in either team's history, as an understaffed Citi Field was filled with fans wearing Yankee pinstripes who relentlessly heckled the "home" team Rays. To make matters worse for themselves, the Rays showed little fight against the wild-card holding Yankees en route to a series loss. This extinguished what little playoff hopes the Rays had left.

## Roller hockey team looks to make noise

Sports Editor Andrew Marzullo interviewed Baruch's roller hockey team captain for an inside look at the team.

**Andrew Marzullo: When did the roller hockey team form?**

Peter Lambrou: The team was formed in 2012 by our current coach Freddy Cicchetti. He and another student, Carlos Mendoza, founded the team while they were still students. They heard about the ECRHL, which is the organization that we play in, and he really wanted to create a team. In their first year, they actually won a Division IV championship, which is a big accomplishment for a first-year team that started from scratch and had no budget at all. That's what we're trying to emulate this season, with bringing Freddy in as our coach. We're going to try to learn from his experiences and win a championship, a goal I believe we can achieve.

**Do you believe that the "home-grown" aspect or feel of the team helps the players grow a certain connection or chemistry with each other?**

100 percent. [The team] is a tight group of kids who all enjoy hockey and like to hang out with each other. It's often hard to develop lasting friendships and relationships in the school, especially when everyone has different interests, but we all share the same passion for hockey, which helps us to form bonds on and off the rink. Our goal is to be a social or leisure club on the Baruch campus that also plays a competitive sport. So far, it's worked out great.

**Are you looking for more members to join the team this season?**

Yes, we're looking for anyone to come try out for the team. Defensesmen, goalies, forwards, we can certainly use more guys. Our first tournament is Oct. 7 to Oct. 8,

where we will evaluate our players. Everyone is going to get a chance to play. Anyone interested in playing should email our account, baruch.hockey@gmail.com, and we can try to arrange something.

**Do you know who you'll be playing against in the first tournament?**

Our schedule hasn't been released, but off the top of my head, I know we'll be playing Cornell, Farmingdale teams, Niagara University, as well as other teams that will be joining in the coming weeks.

**There are really some big name schools in the league, even though the league is a fairly small one.**

Yes, that's what makes it so great. In my time here, I've played against teams such as Penn State, Cornell and Boston University; these are all big hockey schools, proving how strong the competition is.

**That's great, a club team that plays against some of the biggest schools in the nation. That's an extra incentive to play.**

Definitely, it gives the players a chance to play against huge schools and compete for a trophy against these schools, while also not taking away too much of their time for school and work.

**How does the team look this year? Do you think you have the right guys to bring a championship back to Baruch for the first time since the team's inaugural year?**

The team looks great, and [a] bevy of talent is returning. I think that the team can absolutely make a run with the core we have, as well as some new players to shore up

any holes we may have to fill. I think we have a great shot at a title this year.

**You will be looking to lead the charge in a championship run. When were you named captain of the Baruch roller hockey team?**

I took over in my sophomore year. I'm a senior now. I started playing my freshman year. It was a great way for me to acclimate myself into Baruch College. I was always in love with the game of hockey, and [joining the team] was a great way to go over and meet new kids. The team also allowed me to get the feeling of participating in a competitive, athletic team, without having to dedicate too much time to the sport while balancing school at the same time.

**The team has a more relaxed feel to it, since it is technically still a club instead of a team. Do you think the more relaxed feel of the team helps it to succeed?**

Yes, I think that many students at Baruch find it difficult to balance school, work and their athletics and hobbies. The roller hockey club allows for students to play in a competitive sport, without the burden of daily or weekly practices that might affect their schedule. We have a few practices planned. We have a rink up on 96th Street, but the practices don't impose a heavy burden on the players.

**Great! Is there anything else you'd like us to know?**

Anyone who has a passion for the game of hockey, or anyone who is looking to get involved in a sport should definitely contact us. I think this is going to be a big year, and I really believe we can make a run at a championship this season.

## Cross country teams clean up at invitational

Women win first place, men second, in 16th annual Baruch Invitational.

BY TALHA NADEEM  
STAFF WRITER

It was a big day for Baruch College at the annual Baruch Cross Country 6k Invitational, as the women's cross country team won first place at Van Cortlandt Park in the Bronx, New York. Baruch topped the competition, thanks to strong individual performances across the board.

Wendy Gonzalez and Natalie Murawski placed third and fourth respectively. Among Baruch's top five runners, four of them, including Murawski, were part of the 2016 CUNY Athletic Conference championship, helping Baruch finish third.

The women showed no signs of slowing down, leading Baruch to win the 2017 Invitational. The team with the lowest total points wins the race, and Baruch's top five finishes totaled the least amount of points among all schools.

Murawski is in her second year with the team, following a debut year which included her being named the CUNYAC Rookie of the Week on Sept. 8, 2016 and the Eastern College Athletic Conference Metro Rookie of the Week on Sept. 10, 2016.

Her contribution helped Baruch get a total time of 2:38:17 and a score of 36, easily beating out Brooklyn College at second place with a score of 56. Lehman College and Queensborough Community College, which earned the individual first and second places respectively, but did not even manage to make it into the top four teams. This shows how essential teamwork is and how the Baruch women capitalized on it to achieve

their victory.

The Baruch team members have won the Women's Cross Country CUNYAC four times in the last decade, coming out as runners-up twice. The team will be looking to continue the streak as it continues to sweep the competition away and use the victories as a confidence boost to go all the way and win the championship.

Over on the men's side, Baruch managed to win second place at the 8K Annual Invitational, with Alex Wang and Victor Carrano winning third and sixth place respectively. They managed to total 65 points, edging out Yeshiva College to hold on to second place.

This is familiar territory for the cross country men, as they have been runners-up three times in their CUNYAC history, and are looking for their first shot at the gold. They have a relatively new roster competing this year, with the top five team members consisting of three freshmen. Now, more than ever, the team has shown that it has not only been able to pick up where its predecessors left off, but is looking to cement its own legacy as well.

The men are not far behind CCNY, which is in first place with 51 points. They will use everything the team has learned in the first invitational to overcome all obstacles and win the CUNYAC championship.

The men's team will look to improve on its recent history. The team finished fourth last season, which was a two-spot improvement from its 2015 campaign. The team's strong performance is a first step toward a successful season.



# Falcons, Broncos dominate in Week 2, Giants underperform

An exciting Week 2 was capped off by thrillers, perhaps none bigger than the Broncos' surprising dismantling of the Cowboys, as well as the Lions' dominance over the Giants

BY RAY MAUER  
CONTRIBUTING WRITER

After an exciting opening week in the NFL, full of some tremendous individual performances, NFL fans were definitely ready for Week 2 action.

In Week 1, Kareem Hunt and the Kansas City Chiefs had a monster game, taking out the defending champions on opening night. Other rookies, such as Leonard Fournette, Kenny Golladay and DeShaun Watson, had great debuts as well, leaving fans waiting for more.

Week 2 was worth the wait, loaded with unbelievable twists and turns.

Thursday Night Football started off the week fairly slowly. Andy Dalton and the Cincinnati Bengals continued their slide offensively, failing to score a touchdown yet again. The Houston Texans took advantage of a John Ross fumble and never looked back. Watson, Houston's rookie quarterback, made his first career start. Right before the end of the first half, he rushed for a 49-yard touchdown. This proved to be the difference maker in the Texans' 13-9 win. The Bengals would fire offensive coordinator Ken Zampese two days later.

There was a full slate of action at 1 p.m. on Sunday, featuring huge interdivisional matchups. The Cleveland Browns traveled to M&T Bank Stadium looking to avoid a second division loss to start the season, as the hometown Baltimore Ravens looked to continue their defensive dominance.

Cleveland's rookie quarterback DeShone Kizer left the game early with a migraine, but he would return in the second half. Kizer's return, however, was not enough for the Browns. Joe Flacco threw for

217 yards and two touchdowns, ultimately leading the Ravens to a 24-10 win.

There was not much to talk about in North Carolina. Neither the Carolina Panthers, nor the Buffalo Bills scored a touchdown. Cam Newton took a beating and missed a part of the game with an ankle injury. The Bills' running back LeSean McCoy was held to a mere nine rushing yards by the Panthers' defensive front. Graham Gano kicked the Panthers to a 2-0 start with a 9-3 win over Buffalo.

Similarly, the Indianapolis Colts and Arizona Cardinals faced off in Indianapolis without each of their best players. With David Johnson out for 12 weeks, and uncertainty about Andrew Luck's return, both teams got off to sluggish starts on offense. The Colts led early on, but the Cardinals scored 10 in the 4th quarter to send the game into overtime. Right after, Arizona kicked a game-winning field goal — a 16-13 win.

Last week, the Minnesota Vikings found out that quarterback Sam Bradford would not be able to play against the Pittsburgh Steelers on Sunday, which ended up being a big deal. The Steelers dominated time of possession, as well as the scoreboard at 26-9 to move to 2-0.

The Tampa Bay Buccaneers finally got to open up their season after their Week 1 matchup was canceled due to Hurricane Irma. They hosted the Chicago Bears, who found themselves in a 26-0 deficit almost immediately. There were very few bright spots for the Bears in this 29-7 loss, but the Bucs started off their season on the right foot.

The New England Patriots went into New Orleans last week to avoid a dreaded 0-2 start, and did just

that in their overwhelming victory over the hometown Saints. The Patriots, led by Rob Gronkowski's monster performance, outscored Drew Brees' New Orleans Saints 36-20. Gronkowski finished with six receptions, 116 yards and a touchdown.

The Kansas City Chiefs and Philadelphia Eagles played an exciting game last weekend. It was only a mere 6-3 Chiefs lead going into half, but the offenses picked it up in the second half. Two 4th quarter touchdowns by Kansas City proved to be too much for the Eagles to overcome in the 27-20 Chiefs win. Hunt had another impressive performance with 81-yard run and two more touchdowns.

The matchup between the Jacksonville Jaguars and Tennessee Titans featured a very similar story. The game featured very little offense in the first half, however the Titans exploded for 31 points in the second half, expanding their 6-3 halftime lead into a 37-16 victory. Fournette was held to 40 yards, and Derrick Henry led the Tennessee backfield with 92 yards on the ground.

If not for a turnover late in the first half, the New York Jets could have made a run at an upset over the Oakland Raiders. However, Oakland's pure talent advantage started to show as they dominated in the second half. Derek Carr and Michael Crabtree looked solid, connecting for three touchdowns. The Raiders' first home game since the Las Vegas relocation announcement ended in a 45-20 victory over New York.

In a game that featured very little scoring, the Seattle Seahawks and San Francisco 49ers battled it out at CenturyLink Field in Seattle. Russell Wilson struggled, but

the defense kept the lowly 49ers in check, holding them to three field goals. A 4th quarter touchdown by Paul Richardson gave the Seahawks the lead, and they held onto it and won by a score of 12-9.

The Los Angeles Chargers made their debut against the Miami Dolphins, who were playing their first game of the season.

After a heartbreaking blocked field goal attempt against Denver derailed the Chargers' chances of winning in Week 1, fans believed that the team would bounce back against the Dolphins.

However, while they held a lead for most of the game, the Chargers were unable to seal the deal. Young-hoe Koo missed another game winning field goal attempt as time expired, as the Chargers suffered through heartbreak once again, losing 19-17. Jay Cutler led the Dolphins to a win in his debut with the team.

Coming off a dominant win over the Colts, the Los Angeles Rams were looking for another huge win against the Washington Redskins. However, the Kirk Cousins-led Redskins had other ideas. Behind Chris Thompson's 61-yard touchdown, the Redskins beat the Rams 27-20.

In a game that featured an hour-long rain delay, the Denver Broncos dismantled the Dallas Cowboys. Ezekiel Elliott was held to 8 rushing yards, and Aqib Talib had a 103-yard interception return touchdown in the win. Denver's defense led the team to a dominant 42-17 win.

The primetime game on Sunday featured a rematch of the NFC Championship game between the Atlanta Falcons and Green Bay Packers. The game was the first in the Falcons' new stadium, and the

energy of the excited fans definitely fueled their home team.

In what looked like a replay of the Falcons' dominant NFC Championship game performance, Julio Jones and the Falcons dominated and an already gravely injured Packers team could not keep up. The Falcons won 34-23, but the game was not as close as the score suggests.

Week 2 ended with Odell Beckham Jr's return to the New York Giants lineup. Beckham was hardly on the field as the Giants' offense was held to 10 points by the stout Detroit Lions' defense. A punt return touchdown by the Lions put the game away as they went on to win by a score of 24-10.

As we look forward to Week 3, there are a few must see matchups. The matchup between the Giants and the Eagles is arguably the biggest matchup of the week. The Giants cannot afford to start off 0-3 if they want to make the playoffs, and a suspect offensive line might be their downfall against the Eagles' front seven.

Another huge divisional game this week will take place between the Saints and the Panthers. The Panthers will look to advance to a strong 3-0 start, while the Saints will look to avoid a crippling 0-3 start.

The Falcons and Lions are both 2-0. However, one of them will suffer their first loss of the season, as the teams face off in Detroit on Sunday.

Two weeks are already in the books, and there is a ton of excitement to look ahead to this season. While teams like the Giants look to avoid an 0-3 start, surprise teams like the Ravens and Panthers will look to jump out to 3-0 starts, increasing divisional leads.

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# Baruch Weekly

## SEPTEMBER / OCTOBER 2017

**MON 25** **20 MINUTE MONDAY**  
12 p.m. - 2 p.m. | NVC 3-120 | Free

**MENTORSHIP MONDAY #1**  
6:00 p.m. - 9:00 p.m. | NVC 3-215 | Free

**TUES 26** **DELOITTE: BUSINESS ETIQUETTE**  
12:30 p.m. - 2:30 p.m. | NVC 3-210 | Free

**MORGAN STANLEY PANEL**  
12:40 p.m. - 2:20 p.m. | NVC 5-165 | Free

**WED 27** **PRIME NETWORKING WITH AMAZON**  
12 p.m. - 2 p.m. | NVC 3-215 | Free

**MEN'S SOCCER: BARUCH VS. COLLEGE OF STATEN ISLAND\***  
6 p.m. | Randalls Island Field #10 | Free

**THURS 28** **IMMIGRATION 101 WORKSHOP**  
12:30 p.m. - 2:15 p.m. | NVC 8-155 | Free

**KICK OFF PARTY!**  
12:40 p.m. - 2:20 p.m. | NVC 3-240 | Free

**FRI 29** **NO CLASSES**

**SAT 30** **NO CLASSES**

**SUN 1** **BEGINNER RACQUETBALL**  
7 p.m. - 8 p.m. | B3-Racquetball Court | \$169 tuition per 12 sessions

\*Off-campus event  
For full list, visit [www.baruch.cuny.edu/calendar](http://www.baruch.cuny.edu/calendar)

**CROSSWORD**

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**THEME: SCIENCE 101**

- ACROSS**
- GLASS PIECE
  - IT CAN BE MEASURED VIA CARBON DECAY
  - SANDWICH ALTERNATIVE
  - FREE-FOR-ALL
  - MADAME TUSSAUDS' MEDIUM
  - STATE OF DISHONOR
  - KIDNEY, E.G.
  - CLEOPATRA'S KILLER
  - ARTHUR HAILEY BESTSELLER
  - FORCE PULLING TWO OBJECTS TOGETHER
  - ONE ON MENDELEEV'S TABLE
  - ORGAN OF BALANCE
  - CRITICISM
  - BRITISH MOM
  - TIBETAN PRIEST
  - GLUTEN-FREE DIETER'S DISEASE
  - RELATING TO #23
  - DEFICIENCY
  - GOES WITH ONIONS?
  - "IN \_\_\_\_\_ VERITAS"
  - DAISYLIKE BLOOM
  - APPLE LEFTOVER
  - CHOOSE TRUMP, E.G.
  - FEED STORAGE
  - ACTOR KRISTOFFERSON
  - GIBRALTAR OR BERING
  - MOONFISH
  - HITHERTO

- DOWN**
- URBAN HAZE
  - DROSSELMEYER'S TITLE
  - POND ORGANISM
  - RANSACK OR PLUNDER
  - COPING MECHANISM
  - "AND \_\_\_\_\_ WE GO!"
  - LOW DENSITY STATE OF MATTER
  - KICK OUT OF SCHOOL
  - "FOR \_\_\_\_\_ THE BELL TOLLS"
  - "60 MILES/HOUR, E.G.
  - SO BE IT
  - TRAPPER'S BOUNTY
  - ISRAELI MONEY
  - "\_\_\_\_\_ -LA" REFRAIN

- JOCKEY'S LEASH
- GIVE A NICKNAME TO
- "A BRIEF HISTORY OF TIME" AUTHOR
- "ONE OF US" SINGER JOAN
- "MOST OF EARTH'S HYDROSPHERE
- FALL BEHIND
- AMERICAN AKITA, E.G.
- CIRCULAR GASKET
- NOCTURNAL FLYER
- VERB DERIVED FROM "LASER"
- CHIPPER
- SMALLEST WHOLE NUMBER
- "\_\_\_\_\_! READ ALL ABOUT IT!"
- LAKE IN PROVENCE
- DISSENTING CLIQUE
- "GALILEI: "AND YET IT
- AT LESS THAN 90 DEGREES
- FORTY-NINER, E.G.
- "M IN F = MA
- WAY TO SEAL AN ENVELOPE
- POACHER'S WARE
- BIRD OF PREY NEST
- "HIGH POINT IN A WAVE
- SOURCE OF COCAINE
- KIND OF SEAWEED
- TWO DIVERGED, ONE NOT TAKEN AND OTHER TAKEN
- CAUSING ONE TO NEED REST
- X
- "HE HAD A TELESCOPE NAMED AFTER HIM
- INUIT SHELTER
- "A.K.A. SODIUM BORATE
- LEBRON'S GOAL
- 43,560 SQUARE FEET
- DAM-LIKE STRUCTURE
- IMMANUEL GERMAN PHILOSOPHER
- EYE UP AND DOWN
- NONE OF THIS FOR THE WEARY
- \_\_\_\_\_ -DO-WELL
- COCOYAM
- GRASS BRISTLE



STEPHANIE MESQUITA | THE TICKER

**CROSSWORD SOLUTION: ISSUE 3**

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**Starr Career Development Center**

# Career Spotlight

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## SAVE THE DATE

**LinkedIn 101: Profile Development**  
Monday, Sept. 25, 3 p.m. - 4:30 p.m., NVC 2-190  
Learn how to efficiently develop your LinkedIn profile and network with professionals at this workshop.

**Internship Seminar**  
Tuesday, Sept. 26, 5 p.m. - 6:30 p.m., NVC 2-190  
In this seminar, learn everything you need to know about the many benefits of internships.

**Mastering the Job Interview: Advanced**  
Wednesday, Sept. 27, 12:30 p.m. - 2:00 p.m., NVC 2-190  
Juniors & Seniors: Come if you attended the basic workshop and desire more intensive training!

**Dining Etiquette Workshop**  
Thursday, Oct. 26, 12:30 p.m. - 2:00 p.m., 151 E 25th St., Room 750  
Learn how to develop and design a professional, marketable cover letter for your job application.

## PEER TIP OF THE WEEK

CHECK OUT THE PEER TIP OF THE WEEK FROM SCDC'S PEERS FOR CAREERS PROGRAM

Informational interviews are a great way to develop connections within your industry, gain knowledge about your field of interest and form new relationships with professionals. It is recommended to send out personal emails to set up a meeting or a call. You can begin by reaching out to alumni!

- Erika Apupalo, Peer for Career

## INTERNSHIP UPDATE

### AKUNA CAPITAL

#### C++ Development Internship - Summer 2018

Akuna Capital is seeking C++ Development Interns to join their innovative and growing technology team for the summer of 2018. The C++ teams work on applications where C++ is used for computational heavy-lifting and for applications that have timing-critical, low-latency processes such as trading strategies. C++ provides the flexibility and low-level control that our developers need to get maximum performance out of multi-core, super-scalar processors.

Development Interns at Akuna have the opportunity to use cutting-edge technology while working on high performance/low latency systems. They offer a team-based approach to trading and software engineering, believing that productive integration of both groups is vital for success in this industry. Akuna wants Development Interns who are innovative, hard-working self-starters who have the ability to work without a constant need for guidance. Akuna wants someone pursuing a degree in

Computer Science, Engineering, Math, Physics or a related field with strong programming skills in C++ and distributed systems, who can make an impact on the firm. Interns will work alongside their trading and software team, designing and implementing elegant solutions to complex and interesting problems. Akuna desires candidates graduating in Spring 2019 or prior and a major GPA of 3.0 and above. Salary is competitive.

**Starr Search ID: 107132**

### OAB STUDIOS

#### Creative/Copywriting Assistant

OAB is a creative technology studio focused on the design and development of digital experiences for mobile, web, augmented reality, and virtual reality for clients. Since its founding in 2009, OAB has led the design and development of products and solutions for companies like HTC, Nissan, Bose, WME|IMG and Hearst, in addition to many start-up companies as well.

OAB is comprised of artists, designers, engineers, thinkers and learners, builders and

dreamers dedicated building the best digital products possible for our clients while disrupting the status quo as often as possible.

Paid internship opportunities at OAB provide a hands-on education in technology innovation. OAB searches for passionate and motivated individuals with a strong interest in digital innovation, creative design, strategy, and/or agency operations who are seeking an educational experience in a fast-paced and challenging interactive environment.

They are currently looking for motivated college students and recent college graduates who are organized and capable of staying on top of many tasks, proactive by taking initiative to get things done without specific direction, creative through constant generation and suggestion of new ideas, and team players who are able to work well with other team members.

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