



THE ARCHWAY

Black and Gold and Read all over

www.bryantarchway.com

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Steve Forbes headlines 2018 BUNEEC event

Hayley Wilcox
Co-Editor-in-Chief

This past Saturday, the Bryant community was host to the annual Bryant University Northeast Entrepreneurship Conference (BUNEEC) in which several headlining successful innovators and creators spoke to audiences about the importance and processes behind entrepreneurship. Key note speakers included Steve Forbes, Craig Dubitsky, Dan MacCombie; breakout speakers included Brandale Randolph, Susan Keller, Eric Dunn, Christopher Allen, Ryan Buonaugurio, John Collins, Chris Rae and George Peters, and Yuri Tomikawa.

One of the most exciting events of the day was the presentation of headline speaker, Steve Forbes, Chairman of Forbes Media and Editor-in-Chief of Forbes Magazine. Forbes was brought into the business at a young age with his father's creation of Forbes magazine, and took over the media outlet in 1990 after his father's death. Steve Forbes attended Princeton University where he received a Bachelor's degree in History and there, he was Editor-in-Chief of the college's paper, Business Today. He is also well-known for his presidential trials in both 1996 and 2000 for the Republican party, but in '96 lost to Bob Dole and in 2000 to George W. Bush. Forbes is also a book author with some of his popular works being *Why Free Markets are Moral* and *How Capitalism Will Save Us*.

The headline speaker was introduced by our very own Bryant president, President Ronald Machtley. Machtley stressed the importance of being excited about the future in innovation and the acknowledgement of knowing how to overcome failures. With that, Forbes took the stage as he enlightened the Bryant audience.

Forbes began his speech with making a comparison between the past and the present pointing to the main difference being that we have evolved to move forward with knowledge and technology constantly building off what we know. "Knowledge comes from experimentation", said Forbes. "Most start-ups don't work." He continued by adding that though failure is common in business and entrepreneurship it doesn't mean we shouldn't try. Forbes also nodded at the importance of realizing that in business, wealth does not stem from fiscal things but rather wealth comes from the mind. He used numerous examples to stress his point that economic wealth has always stemmed from creating resources and turning scarcity into abundance.

In terms of entrepreneurship, Forbes made the key argument that there is never a guarantee of success, so being open to failure and taking risks is important. He added a favorite Steve Jobs quote of his, "People don't know what they want until I show them." He spoke of famous entrepreneurs such as Jobs and Henry Ford, both of which had little to no idea what they were doing when beginning their careers and technological developments. Forbes also mentioned how we need to rethink the way we view certain entrepreneurial developments such as "robots", which he referred to as "labor saving devices" using washing machines and tractors as an example for tools the innovated new ways of doing work. Continuing, Forbes discussed his perspectives on innovations



Steve Forbes taking the Bryant stage discussing the importance of entrepreneurship and its implications with business and success (Jacob Zimmer)

arguing that innovation is not just about creating something new but redesigning something that already exists.

Some of Forbes' other key points were that the first priority of business should be to provide happiness, not earn money on your product or service. "Too many organizations lose their purpose," Forbes said. He added that business is about bringing people together to get something done. He also spoke about his take on all situations people encounter in life, professional in personal, saying "Sometimes you'll feel like there are situations you are not fully prepared for, but you need to do them anyways."

Besides the event that was open to the Bryant community and others, The Archway had the opportunity to sit down with Steve Forbes for more questions and insight all thanks to the help of CEO. Here is the conversation we had with him.

HW: What makes you want to come and speak at colleges and to students specifically?

SF: You have to get out of your bubble and your circle. Especially with young people in particular. It's important to have the interaction there. Especially at an event like this, it's important to have a focus. Despite the headlines also, there are a lot of young students doing great things and who have great ideas.

HW: Is Bryant the only school you have visited so far, or have you been to others?

SF: Oh, I do this about three times a year!

CG: What was an important lesson you learned from your presidential campaigns?

SF: Well the more obvious one is that it's more fun to win than to lose! But one of the things you learn is more about how strong the country it is and diversity, not in the superficial sense but in the diverse ideas all people have and how amazing it is. For all the junk that goes on, you still learn how amazing it is. For example, Republicans in Iowa are interested in social issues much less economic ones. New Hampshire, it's the exact opposite. Yet they are in the same party. So, you learn

about the differences and primary interests. You come to appreciate what you don't even think about.

RH: What are some tips that you have to run a successful publication?

SF: For one, you are always there to serve your readers. You have to remind yourselves that. Something our editor of 38 years always stressed was that your readers don't have all the time in the world for your priceless prose so get to the point. So, remind yourself what your purpose is. Why would your readers want to read what you are offering? Also, with the web, don't see what you are able to do with technology with your publication as any different than what you would do on paper. Remember too that people still appreciate the comics, the crossword puzzles, the horoscopes, or the sports scores. Just always remember that you are there to serve your readers.

HW: If you had to put a definition in the Merriam-Webster dictionary for "success", what would you write?

SF: Success comes from achieving something. Sometimes the difficulty makes the feeling of achieving something even deeper. Especially today with all of the things you need to do to get anything done! Focus on the task at hand. Get rid of the unnecessary barriers and barricades.

CG: If you had one piece of advice to give an aspiring entrepreneur, what would it be?

SF: Stick to intuitiveness. Don't expect applause. Most of the time you won't get it. Even from your own family or friends.

Overall, the BUNEEC event was one of success and positive thinking in the direction of innovation and the future. All presenters and speakers had something amazing and encouraging to share with the audiences, and the Bryant community was able to walk away with an enlightened perspective.

Meet The Archway Staff

Black and Gold and Read All Over



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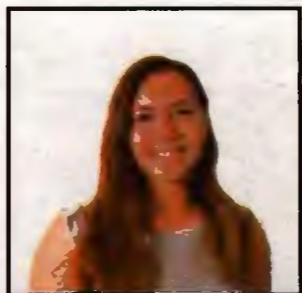
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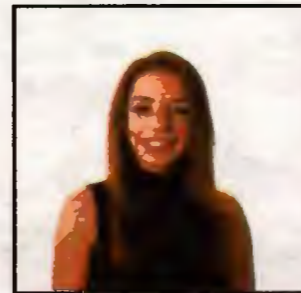
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**The Archway wishes you a safe and
happy spring break!**

Bryant's ONE Campaign club advocates on Capitol Hill

Johanna Craig
Copy Editor

It is not every day that a Bryant student leader is invited to participate in a national conference dedicated to ending extreme poverty in our capital. From Saturday February 24th to Wednesday February 28th, junior Victoria Eastman attended ONE Campaign's Annual Power Summit in Washington D.C. ONE Campaign is an international non-partisan advocacy organization of 9 million members working to eradicating extreme poverty and preventable diseases. ONE primarily works to affect change in sub-Saharan Africa, where the population suffers most from the conditions of extreme poverty. Their latest campaign, Poverty is Sexist, focuses on combating poverty and gender inequality through increased access to education. Bryant's ONE leaders raise their voices to influence Congress decision-making and build awareness of these issues within the campus community.

The Power Summit featured an impressive line-up of keynote speakers, including ONE CEO Gayle Smith, the female CEO of the World Bank Kristalina Georgieva, and former Deputy Assistant Secretary of State in the Bureau of African Affairs, Reuben E. Brigety II. Advice that many students and all individuals should follow, Gayle Smith advised to "listen as much as you talk". In addition, ONE student representatives were privileged to hear from Bulgarian born Kristalina Georgieva, whose experience as the CEO of the World Bank gives perspective on the importance of defending foreign aid. The World Bank makes sure there are opportunities everywhere by focusing on the eradication of extreme poverty and the distribution of prosperity. According to Kristalina, "If we woke up tomorrow in a gender-equal world, we would be \$12 trillion wealthier and it starts with getting girls in school." Because of this, and many other reasons, poverty is sexist.



A member of ONE Campaign at the Capitol (ONE Campaign)

130 million girls are not in school because they do not have equal opportunities. Ambassador Reuben E. Brigety II added, "Development is necessary so that young people can flourish in their own countries." These experts underlined the importance of foreign assistance as a tool to combat gender inequality and a critical national security measure.

There is an essential reason why Victoria and many other volunteers were in DC that weekend. Kristalina Georgieva emphasizes that we, in a democratic country, are the voices of the voiceless. She stated, "Make sure the voices of these children are heard in the highest corridors of power. You speak for them." Victoria and many other ONE members have dedicated themselves to advocating for those who cannot for themselves. Following this charge, Victoria met with Rhode Island congressmen about the importance of protecting foreign aid and urged them to support the BUILD Act, introduced that morning. This bill, if passed, would create opportunities for American entrepreneurs who want to invest in riskier African nations. During her time on Capitol Hill, she had the privilege of meeting with Rhode Island Senator Jack Reed, a friend to President Machtley, for the third time since joining ONE. The senator continues to support overseas development initiatives; ONE hopes that he will agree to co-sponsor the BUILD Act. Representative David Cicilline, who previously sponsored the Electrify Africa Act, which ONE supported, also made time to meet with Victoria and express his support for the organization.

Victoria and the rest of the Bryant ONE Campaign leadership, work to educate Bryant students on extreme poverty and the power of education. ONE will be celebrating International Women's Day on March 7th with a screening of Mama Rwanda, a documentary telling how two Rwandan women who transformed the nation devastated by genocide, into one of the fastest growing economies in the world. In addition, ONE campaign regularly hosts movie screenings and other events throughout the semester. More information regarding their events can be found on their Facebook page. If interested in learning more about or getting involved with ONE, contact Victoria Eastman at veastman@bryant.edu.

Top tweets of the week: The Oscars

"Lowest rated Oscars in HISTORY. Problem is, we don't have Stars anymore - except your President (just kidding, of course)!"

- Donald Trump, 03/06/18 (@RealDonaldTrump)

"Yeah she's not worn make up & Other Cool Things™ all awards season, but what McDormand did with 'Inclusion Rider' is actually ally the [expletive] up & offer a solution to Hollywood's piss poor diversity record. Now *that* is cool."

-Susan Wokoma, 03/05/18 (@susan_wokoma)

"Congratulations, The Shape of Water for winning Best Picture and the shape of @JimmyKimmel for Best Hosting! #Oscars"

- Ellen DeGeneres, 03/04/18 (@TheEllenShow)

"Congratulations to #PhantomThread costume designer Mark Bridges on the shortest speech of the night! Enjoy your new jet ski! #Oscars"

- JimmyKimmel, 03/04/18 (@JimmyKimmel)

"Worst Part of #Oscars Ceremony: Tuxedo shoes mercilessly torturing my feet all night.

Best Part of #Oscars Ceremony: Everything else."

- Mark Hamill, 03/05/18 (@HamillHimself)

"I just won an Oscar. WTF?!?"

- Jordan Peele, 03/04/18 (@JordanPeele)

"I'm focusing on the positive: Today is Day One of me as an Oscar loser."

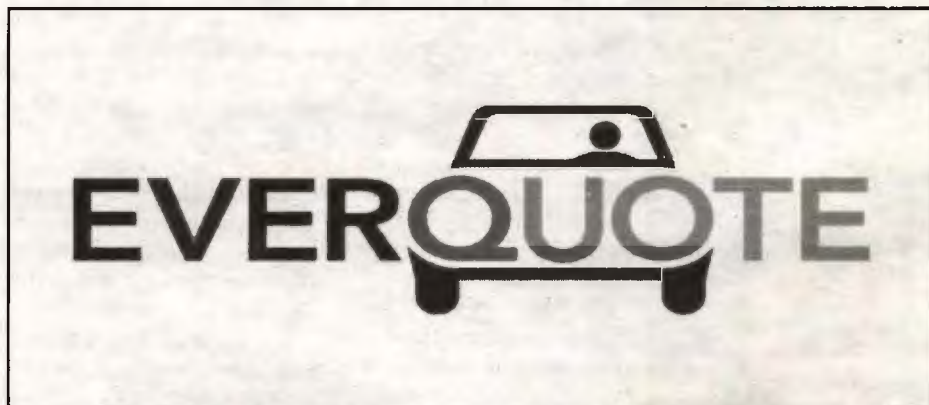
- Kumail Nanjani, 03/05/18 (@kumailn)

"Happy Academy Awards day everyone! A little fun trivia for you in honor of the Oscars: Nominee Christopher Plummer, MLK Jr., and Anne Frank were all born the same year."

- Armie Hammer, 03/04/18 (@armiehammer)

Ever Quote: a service that car owners have been looking for

James Ciliento
Contributing Writer



Ever Quote's Logo (everquote.com)

Recent studies have shown that only 5% of drivers pay less than \$50 a month for car insurance, Ever Quote is changing that for many. Car insurance can burden a lot of car owners. There are so many car owners in the world that are overpaying for their car insurance. Ever Quote is a small service that compares quotes so that owners are not accidentally paying too much. Ever Quote is a free service that continues to blossom, it is an efficient service that attempts to give consumers low rates when it comes to their car insurance. Many car owners were simply not aware of how much they are being overcharged for their car insurance until two MIT math graduates came up with Ever Quote. These students have disrupted the auto insurance industry ever since.

There was no good way to compare quotes from so many of the large car insurance companies. Before Ever quote, care owners had to jump from one website to another, re-enter the information again, and then compare car insurance quotes. This was far too complicated for many drivers which leads many to not even undergo the complicated process, which is just one reason why so many overpaid for car insurance. Ever Quote completely changes this process, it has all the information needed to compare quotes in one place. Ever Quote is comparison shopping marketplace, not an insurer and was featured in the Inc. 5000 list as one of the fastest growing companies in

2017. It has been giving drivers exactly what they are looking for and that is lower car insurance quotes. Amber Ritchie, an Allstate insurance Agent is quoted saying "Ever Quote has provided me with the best quality leads. Unlike any other vendor we have worked with, we have been able to quote the majority of leads we have purchased from Ever Quote." She is just one agent who is quoted praising this simple startup service along with other agents and agency owners.

When looking at car insurances, which every driver must do, comparing quotes is essential. The free services provided by the booming Ever Quote is giving this technologically advanced society to easy to not spend more than you must on car insurance. If it has been more than six months since a driver has compared their insurance quotes, and even if it those rates are low, they could still be paying too much. It has been proven that since drivers have started to use Ever Quote, they have been able to save hundreds on their insurance bills. There are simple steps that drivers need to use with Ever Quote. Once you are on the site, just enter your valid ZIP code in. After, some simple driver information is required, following that will be a list of you personalized quotes from top-rated car insurance companies and agents local to you. It is remarkable how such a simple site has saved and will continue to save people money on their car insurance quote.

Trump ignites a possible trade war with new tariffs

David Schmidt
Copy Editor

the many other industries that use the steel and aluminum products.

Recently, President Trump announced that he plans on applying tariffs on both steel and aluminum. Tariffs will be at the 25% mark for imported steel and 10% for imported aluminum. Likewise, President Trump stated after announcing these import tariffs that "We're going to build our steel industry back and we're going to build our aluminum industry back". As a response to the announcement, the stock market experienced a rather sharp market index drop, with the Dow Jones Industrial Average closing at 420 points or roughly 2%. These tariffs are in response to a recent commerce department study, which stated that a rather large amount of both steel and aluminum posed a threat to the national security of the United States. Consequently, those findings provide the necessary backing for the presidential action states the White House.

Furthermore, on Thursday President Trump took to Twitter to tweet his stance on the entire situation and trade in general. Moreover, many United States steel executives along with aluminum executives voiced their full support on the tactic of throwing on tariffs on imports. One such steel executive was quoted stating, "We are not protectionists. We want a level playing field...". Another executive made similar statements but stated that currently, investments in many US steel and aluminum companies are hurting due to the alleged unfair playing field for the industry. Yet, in retrospect, many economists have voiced that the tariffs will have the general effect of driving up prices for these metals and will affect

Thus, many economists believe this policy announcement and ensuing application will drastically impact the economy. Moreover, these tariffs are in response to the massive overproduction of the products by the Chinese. However, since many of the Chinese firms already have stringent barriers many believe that much of our European allies, as well as Canada and Mexico, will most likely seek retribution. Yet, both the Trump Administration and the commerce department have voiced their support for the innovative policy because if the action does not get applied then America's security may encounter a weakened future military mobilization ability. Yet, our friends to north Canada is the principal supplier for both products to the United States and thus Canada is filed under the department of defense's industrial base, and as a result will most likely invite the defense to ask for more funds if they were to continue to purchase steel and aluminum from Canada in addition to the domestic product.

Consequently, it is no surprise that the Canadian trade minister had stated the following, "the U.S. tariffs, which will take effect in two weeks, unacceptable". In conclusion, many countries such as China and many of the European Union members have raised their concern that these actions mean that they will have to respond by placing tariffs on many of the American and loved products that many European and Chinese individuals like, and therefore creating the perfect storm for a trade war. All of this is due to both the Chinese and many European Union members stating that they will retaliate.

Interested in writing about news for
The Archway? Email us at
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GOP breaks with Trump on trade

David Schmidt
Copy Editor

Due to Trump's recent rhetoric on the possibility of placing tariffs on both steel and aluminum imports several Republicans are voicing concern and wanting Trump to reconsider the move. The causation of this concern is the recent economic and political backlash occurring. Spokeswomen Ashlee Strong for House Speaker Paul Ryan stated the following statement, "We are extremely worried about the consequences of a trade war and are urging the White House to not advance with this plan". Likewise, many Republicans fear that the possibility of a trade war will have devastating impacts on the progress that has come from the recent tax law overhaul.

However, President Trump has downplayed these concerns. Trump voiced his backing for the tariffs by stating that the United States has been ripped off by both friend and foe in a trade thus there must be a punishment placed on these countries. However, President Trump did state that his Administration and he are renegotiating the North Atlantic Free Trade Agreement and are hoping that the new deal will succeed and will be signed soon, but Trump did state that if talks stall then he plans to terminate the free trade agreement. Yet, Congress is currently seeking countermeasures it can take against President Trump on this issue, but many Congressional leaders won't seek defense if Trump goes ahead with the tariffs.

The Ways and Means Committee Chairman Kevin

Brady, R-Texas, and the panel's trade subcommittee chairman, David Reichert, R-Wash., have jointly drafted a letter to the President of the United States voicing concerns over the impacts of the new tariff regime being proposed. Both Brady and Reichert are seeking additional signatures for the letter. Thus, overall it is in the hopes of many congressional members to "avoid a confrontation with the administration and instead work with the president to enact trade policies the broader GOP can get behind".

Moreover, many of the Republicans hope that both the President and themselves can work on a party coherent policy on the trade that benefits the President's already signature tax overhaul legislation and not destroy it. Additionally, it is expected that even the Senate Finance Chairman Orrin Hatch, R-Utah, will also do his part by mailing out another letter calling for the reconsideration of the proposed tariff regime. This is because he feels that the proposed tariffs will have a negative impact on the economy as well as the belief that the move will have consequences that will undermine any of their recent successes with the new tax overhaul legislation. Therefore, Senate Finance Chairman Orrin Hatch voiced that the ultimate takers of the punishment will be both the American firm and individual, who purchases the steel and aluminum products.

Yet, even with all the calls to step back from the implementation of tariffs, President Trump has not backed down on his intentions. Overall, this stance that Trump has taken is the simplest discontinuity with the Grand Old Party (aka GOP) on economic philosophy on trade.

However, several Rust Belt Democrats have been the only cheerers for this policy stance.



President Donald Trump (Business Insider)

CEOs move to ban sales of assault weapons

Cole Cronin
Contributing Writer

When you think of the news in today's world you can't think of it without guns coming to mind. Recent events of the shootings in Las Vegas and Florida have shaken up many things in the gun industry and in the business world as a whole.

Gun makers are coming off some of the highest stock prices in recent history. The market for guns is fueled by certain factors. One of them being, the possibility of guns being banned. This makes people go on buying sprees. While President Obama was in office and Hillary Clinton campaigned for President, gun purchases drastically increased. Now with President Trump, people feel that the gun rights are more protected so they aren't buying guns as quickly.

The recent tragic events that have occurred in this country are sparking a time for immense change in many different industries, but specifically the gun industry. For the past year there has been a steady decline in some of the top gun making company's stock. According to marketwatch.com American Outdoor Brand has fallen to \$9.85 which is a 25% decline in the month of February alone. The stock has not been this low in five years. American Outdoor Brand is the group that owns Smith & Wesson, one of the largest gun manufacturers in the world.

After every mass shooting that has occurred there is going to be a lot of talk about stricter gun laws. Naturally this makes people scared that their right to purchase guns is going to be taken away. This usually leads to a spike in sales. After the mass shooting in Florida there is expected to be a very large spike. This industry is constantly being fueled by the arguments of people who are pro-gun and anti-gun.

Behind every large company there is a person calling the shots. Every CEO wants to make their company look better than their competitors. After the shooting in Parkland, Florida the people of the United States have



Dicks Sporting Goods has made the move to end sales of assault style weapons (New & Tribune)

come together to try to make a real change in gun laws.

These huge companies are the ones fueling the fire. According to Fortune.com Dicks Sporting Goods CEO, Edward Stack, has made significant changes to his company's gun selection. Dicks is the number one sporting goods retailer in the country. Stack has determined that Dicks Sporting Goods will stop selling assault style weapons. Assault style weapons are the weapon of choice in every mass shooting to date. Dicks also will be raising the minimum age to purchase a gun to 21. Walmart is following Dicks Sporting Goods and also raising the minimum age to own a gun to 21.

This is a huge step in the right direction but if America wants to make a true change we need everyone to get on board.

The United States is at a tipping point when it comes to guns. There are people on both sides of the matter. Businesses are faced with a tough decision on whether to change their views on guns or keep them the same. The public holds the future of many gun companies in their hands. Only time will tell what the fate of these companies will be.

A single tweet sends Snap.inc plummeting

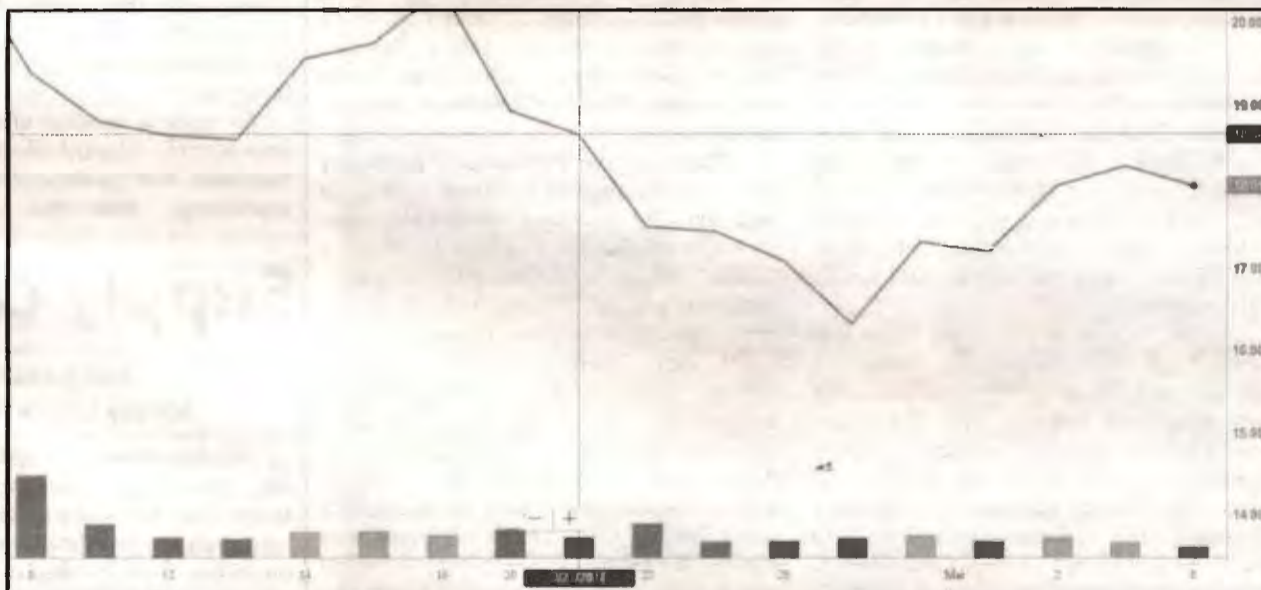
Nick Bagley
Contributing Writer

Kylie Jenner is a 20-year-old reality television star, entrepreneur, model, and socialite. Her life as a celebrity began, when she began appearing in "Keeping Up with the Kardashians". Since then, she has endeavored on several profitable adventures. Kylie now has her own show "The Life of Kylie". She and her sister, Kendall Jenner, have their own clothing line with Pacsun: Kendall & Kylie. Kylie didn't stop in the retail industry with clothing, she also created her own cosmetic company known as Kylie Cosmetics. She dipped into the technology industry by creating a mobile app called "Kendall & Kylie".

The app allows users to interact in a virtual reality world as a socialite. This app was number one spot on



Kylie Jenner (NYT)



Snapchat 1 month share value chart, shows the decline on Feb. 21st. (yahoo finance)

the iTunes App Store. All of her accomplishments did not go unnoticed. She won a teen choice award in 2013 in the category of choice female TV reality star. In 2015 Time Magazine named Kylie Jenner one of the most influential teens in the world. "Everything I do, I always start these huge trends," Jenner tells TIME of phenomena like the #KylieJennerLipChallenge, for which thousands of social-media users (unprompted by Jenner) tried to mimic her cosmetically enhanced lips with at-home suction tricks". The Lip Challenge was an example of Kylie's ability to set trends. Recently, she was able to use her power in a new fashion.

Snapchat is a mobile app that allows users to message each other with images. The concept of Snapchat is that pictures and messages show up for a limited amount of time set by the user ranging from 1 to 10 seconds before disappearing. The app was created in 2011 by Evan Spiegel, Bobby Murphy, and Reggie Brown. The app transformed from being a person photo sharing media base to adding "stories" that show content for 24 hours along with the "discover" page. The "discover" page also allows brands to show short-term entertainment. 158 million people use

Snapchat a day.

The average Snapchat user opens the app eighteen times a day. Snapchat's stock price was up and down in the beginning of February due to a new Snapchat update. The update was intended to make the app easier to use and filter out content from influencers and publishers. They aimed to attract an older generation to their app with the update. They believed the update would make Snapchat more user friendly.

Kylie Jenner is the most viewed person on Snapchat. Recently, Kylie tweeted "Sooo does anyone else not open Snapchat anymore? Or is it just me... ugh this is so sad". This statement created another trend that affected more than just the number of Snapchat users. It also decreased the value of Snapchat. Kylie tweeted this statement at 4:50 pm February 21, 2018. The following day the shares fell by 6% or \$1.3 Billion dollars. High profiled celebrities can affect brand recognition and quality in a positive or negative way. This shows that celebrities have influence not only in Hollywood but in the stock market as well.

Weekly update:

Austin Jones
Archway Investment Fund Portfolio Manager

The fund opened the week at a balance of \$1,297,945 and dropped -0.98% to an ending value of \$1,285,112.

Our top three returning equity holdings were 1) TJX Companies (+9.16%), 2) Anheuser-Busch, and 3) Fortinet Inc.

The three lowest returners were 1) Celgene Corp. (-6.90%), 2) Allergan, and 3) Buckeye Partners.

Weekly Fund Performance

Week Ago Fund Value	\$ 1,286,834.79
Current Fund Value	\$1,284,801.92
Weekly Change	-0.16%

All prices updated as of 6:10 pm 03/06/2018

Archway's weekly performance:

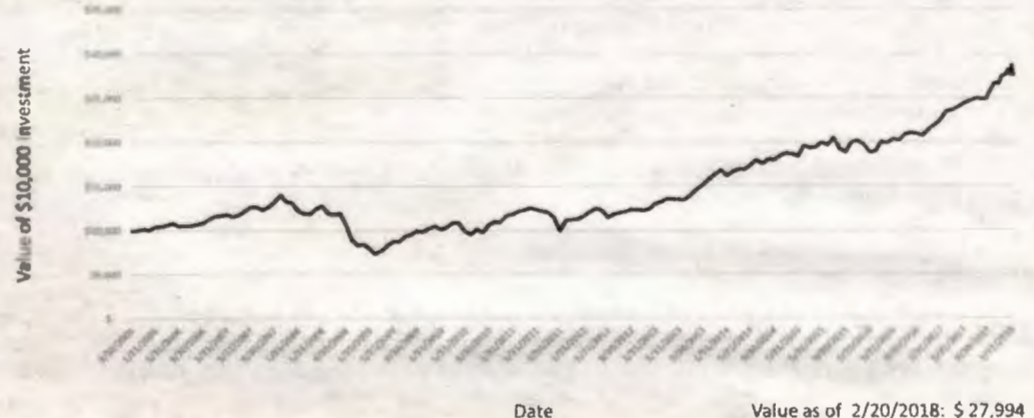
Weekly Winners

1	TJX Cos Inc/The	9.16%
2	Anheuser-Busch InBev SA/NV	6.14%
3	Fortinet Inc	3.80%
4	SPDR S&P Telecom ETF	2.78%
5	SPDR S&P Regional Banking ETF	2.75%

Weekly Losers

1	Celgene Corp	-6.90%
2	Allergan PLC	-5.75%
3	Buckeye Partners LP	-3.24%
4	AbbVie Inc	-3.13%
5	Honeywell International Inc	-2.98%

Value of \$10,000 Invested in the Archway Fund on 8/31/2005



Applecare for people

Lloyd Ellison
Staff Writer

Apple is taking a step away from new Apple products and instead, is looking to expand into the health care industry. AC Wellness is a "subsidiary of Apple, Inc" and will be responsible for the Healthcare of Apple employees. Apple piloted two AC Wellness clinics in Santa Clara County, California and plan to expand it to many different locations this spring, in 2018. AC Wellness is still relatively new and is currently searching for employees. On their site, www.acwellness.com, the company is hiring physicians, phlebotomists, nurse practitioners, exercise coaches and health partners.

The clinical staff's primary focus will be on Apple employees but the clinics will also be used to assist Apple in gathering data on some of their current health related products. The company is trying to prevent disease and promote healthy behavior in their employees to improve the company physically and financially. According to the U.S. Centers for Disease Control, U.S. economic output is diminished by \$260 billion every year because of employee health problems that lead to missed work days. The company's ability to improve their productivity can help them develop even more health technology.

In September of 2017 Apple launched a study with Stanford University to study heart rate abnormalities in those who wear Apple Watches. In addition to these medical advancements, the FDA approved

AliveCor's KardiaBand electrocardiogram (EKG) reader, which is the first medical device accessory for the Apple Watch. This can pair with an app and help detect abnormalities in the heart rate. This combination of technology has allowed the Apple Watch to become a working screening device with a 97 percent accuracy rate according to the Heart Rhythm Society. These apps and other health tools may be useful to the AC Wellness clinics in the future.

The initiative of the Apple Company to start expanding these clinics to more of their existing locations follows the news of Amazon and their desire to create a similar program. Amazon, Berkshire Hathaway and J.P. Morgan have decided to work together to improve their employee's health care. Their partnership on this venture will help cut health costs and improve their services for their employees. Although Amazon and its partners are clearly new to the health care industry, their announcement to join the health care sector helped slam health care company shares. Berkshire CEO Warren Buffett stated, "The ballooning costs of healthcare act as a hungry tapeworm on the American economy." These companies feel that their newly established plans to build corporate clinics will help solve some of the issues the health care sector has. Additionally, if these partners and Apple are able to develop cost cutting technology that would make health care affordable for all, then what does that mean for the health care industry?

Expansion of Blockchain tech.

Alexander Farrah
Supply Chain Writer

Blockchain technology has been progressively expanding since introduced in 2008. First seen with the digital currency bitcoin, Blockchain is now focusing on distribution tactics. For example, leading retailers such as Walmart, are incorporating this into their existing systems to create greater customer

satisfaction and corporate organization. Specialists from Industry Week say that the tracking process offered by Blockchain not only helps keep consumers informed about where their food comes from, but can also help businesses ensure a greater level of accountability from their suppliers. This technology allows customers to see where their products come from, starting at the farm and travelling all the way to the store's shelf.

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As Blockchain's popularity continuously grows, job recruiters' demand for future employees that are familiar with the technology rises. Many schools are already implementing new programs, according to Forbes, in response to the demand for talent. Many U.S. universities are also adding Blockchain to their course lists. Along with the supply chain industry, many other industries are adapting Blockchain technology to control their businesses.

To name a handful of industries that have already adapted Blockchain, Forbes mentions that government, accounting, marketing, insurance, construction,

pharmaceuticals, finance, healthcare, retail, hospitality, technology, distribution and mining/diamond businesses are already invested in Blockchain. As the list constantly grows, these industries have benefited immensely from the tools of Blockchain. Blockchain is creating greater competition across all industries. It puts pressure on suppliers to constantly perform efficiently and retailers to maintain a flawless supply chain. With the increase in demand for Blockchain, new companies are utilizing Blockchain technology every day to keep up with their industry. Blockchain technology is becoming the future as it continues to develop.

Supply chain for healthcare

Emily Katz
Supply Chain Writer

We depend on the healthcare industry for purchasing the machines and technology necessary to care for us. But, who does the healthcare industry depend on to buy these products? Read below to see how the procurement process in the healthcare industry is changing.

Topics: systems thinking, Group Purchasing Organization (GPO), standardization, procurement

Healthcare officials have recently seen substantial cost savings after the choice to increase the amount of products purchased through Group Purchasing Organizations (GPOs).

A GPO is an organization that allows smaller healthcare entities, like hospitals, to combine their purchasing powers in order to achieve economies of scale and pay cheaper prices for products. Hospitals that take advantage of the opportunity to work with GPOs benefit from cheaper prices for products they were already

buying, and are not restricted from contracting with vendors outside of the GPOs vendor list.

A company that has recently taken advantage of GPOs is Baylor Scott and White, which is the largest not-for-profit in Texas that buys medical products for forty-eight hospitals. Executives realized that, according to industry benchmarks, the organization was spending more than the average price for products. This was occurring because instead of buying products as a group, each hospital was buying for itself.

This was an issue, because with the volume of products that Baylor Scott and White purchases, the company should be charged prices that reflect an economies of scale level, and not the ones individually charged to each hospital.

The company saved \$32 million, thanks to buying products as a group. These cost savings reflect the benefits of Group Purchasing Organizations. With more and more businesses coming together to reap these benefits, the healthcare

Interested in business? Like to write? Send in a business article and get published! Send articles to archway@bryant.edu

Bulldogs return as Northeast champions

Bobbie DiScuillo
Contributing Author

The Bryant University Women's Rugby team has been gearing up all semester for their Spring 2018 7s season. After ranking as one of the top 16 D2 club women's rugby teams in the United States last season with four match wins, the Bulldogs are prepared to have another great season.

Last season the Bulldogs earned the title of 2017 Rugby Northeast Conference Champions while simultaneously achieving a 4-1 in-conference record.

The Women's Rugby Team also managed to clinch a home game in the first round of playoffs vs. Kutztown University, who they then defeated 25-17. Bryant then traveled to Kutztown, PA for the second round of playoffs to face Buffalo State College, but unfortunately lost.

Look out for our Women's Rugby Bulldogs in their first match of the season against Springfield College on March 24th at 12 PM!

Be sure to follow @Bryant_Rugby on Twitter and Instagram for the latest updates about the Women's team! For more information about Club Sports and Intramurals check out @Bryant_Rec on Twitter and @Bryant_Rec on Instagram!



Women's Rugby hopes to repeat a successful 2017 season. (BryantBulldogs)

Boston Red Sox 2018 season preview

Conor Brosnan
Contributing Author

Baseball's back and that means the Red Sox are almost here. Hopefully this year we can avoid losing in the first round of the playoffs. The Red Sox are coming into this season as the back to back champs of the American League East. This year though, that's not all they want to settle for. With the addition of their new manager Alex Cora, they are looking to get a fresh perspective and are ready to win. Cora wasn't the only addition the team made however. They also signed J.D. Martinez to a nice five year, \$110 million deal, with an opt-out clause after the second and third years. J.D. is known for his power, boasting a .302 batting average with 45 HR's, and 104 RBI's. These impressive numbers will hopefully be able to carry over to the Red Sox.

The Red Sox should be a pretty good team this year. Their line-up is built with young talent, and a lot of offensive power. Plus, the return of David Price to help out Chris Sale and Drew Pomeranz is likely to be lights out. Notable Red Sox players this year are Andrew Benintendi, and Rafael Devers. Benintendi last year posted a .271 BA with 20 HR's and 90 RBI's. Devers, who joined the ball club in the middle of the season batted .284 with 10 HR's and 30 RBI's. Both of these players are looking to improve this season, and have the potential to be big threats on offense.

For pitching, Chris Sale is looking to repeat his amazing season. Last year he threw 17-8 with a 2.90 ERA. Sale is the ace of the Red Sox, and has one of the leagues nastiest change-ups. This pitch was good enough to earn him an All-Star spot last year, and hopefully he can repeat. The other pitcher to watch for is David Price. The left hander missed most of the 2017 season with an elbow injury, but had an amazing performance in the playoffs. Hopefully though this year he will be top notch, and can help the Red Sox going into the playoffs (They'll be there).

The biggest threat to the Red Sox this year in my opinion is the New York Yankees. With the addition of Giancarlo Stanton to the slugger in Aaron Judge, they will be a massive offensive threat all season. Last year, the pennant race came down to two games. This year is likely to be just as close. The 2017 World Series Champion Houston Astro's will also be a big threat. With one of the best offense's in baseball, they are likely to dominate teams all season. Both of these two teams have a high chance of making the playoffs, and are coming off hot seasons.

When it comes to what the Red Sox will look like this season, there are still a few uncertainties for starting jobs, such as the case with catcher between Christian Vasquez, Sandy Leon, and Blake Swihart. Also, how J.D. Martinez, Hanley Ramirez, and Mitch Moreland will fit into the lineup on a regular basis is unknown. If I were a betting man however, my starting lineup would look like this:

1. Mookie Betts CF
2. Eduardo Nunez 2B
3. Hanley Ramirez 1B
4. J.D. Martinez DH
5. Andrew Benintendi LF



A healthy David Price could be a difference maker in Boston. (BostonHerald)

6. Xander Bogaerts SS
7. Rafael Devers 3B
8. Christian Vazquez C
9. Jackie Bradley JR. CF

This lineup is likely to bring a lot of power to the middle of their lineup, with great defensive talent in the top and bottom. The Red Sox's first game is March 29th against the Tampa Bay Rays in Tampa. Hopefully they can get the ball rolling, and can come out hot. We are almost there ladies and gentlemen. Only a few more weeks.

Is Big Baller Brand bad for basketball?

Matt Brouillette
Contributing Author

The Ball family has been called the Kardashians of the NBA. Since the oldest son, Lonzo, was in high school, the Ball family has been in the media due to the high caliber that the three sons were able to play basketball at. The Ball brothers, Lonzo (20), Liangelo (19), and Lamelo (16), became stars when videos of them playing high school basketball began to show up on all different types of media platforms. Their high school, Chino Hills in California, was seen as the top high school basketball program in the country. This was mainly due to the Ball brothers. As of recently, the most famous member of the ball family has been their father, Lavar. Many sports analysts have been debating if Lavar Ball has been using the success of his children to put himself in the media, as well as promote his own business, Big Baller Brand.

When Lonzo decide to attend UCLA on a basketball scholarship, it was known that he would only stay for one year before declaring for the NBA draft. Lavar knew this better than anyone, so he continued to talk to the media about Lonzo's future. He began to make comments that his son, a freshman in college, was already better than the reigning MVP in the NBA, Stephan Curry. It did not stop there. Lavar had also made public statements that the only NBA team that Lonzo would play for would be the Los Angeles Lakers and that all other twenty-nine teams should not consider drafting him. These comments did not stop after Lonzo was drafted either. The night that Lonzo was selected by the Lakers, press immediately went up to Lavar where he told them that his son would not only lead the Lakers to the playoffs in his first season, but he would also win the rookie of the year award.

Lonzo's start to his first NBA season was nothing like what Lavar had been boasting about. He started out with the worst shooting percentage for any player to start out their career at 30.9%. The Lakers also had one of the worst records in the NBA over that time period. This did not stop Lavar from sharing his mind though. He continued to talk to the media saying that everything that was happening was the fault of the head coach, Luke Walton. He continued to bash the Lakers organization to the point that the Lakers had to start enforcing the "Lavar Ball Rule". This stated that press is prohibited to talk to families of the players at any time while they are inside of the Staples Center. This was not the name of the rule that was created, but the media called it this because they saw that this rule was directed at Lavar. This did not stop his antics. Instead of keeping to himself, he decided to state that Lonzo will not come back to the Lakers when his contract ends. Instead, he will go to any team that signs his two brothers, Lamelo and Liangelo.

Outside of the NBA, Lavar has made his presence known by his decision to take his youngest son, Lamelo, out of high school because he was made ineligible for the NCAA due to an action by Lavar. Lavar is the owner of a company called Big Baller Brand, where he sells clothing articles for high prices. He also gave his sons, Lonzo and Lamelo, their own customized shoe with their name on it. Since Lonzo is in the NBA, there is no violation for him to use his name to make money. Lamelo, on the other hand, is not allowed to do this because it is a violation of the NCAA amateurism policy. He would no longer be able to play for any college basketball team, so Lavar decided it would be better to take his son out of high school early, and have him play professional basketball



Lavar has certainly not been one to shy away from the spotlight (TheNewYorker)

overseas in Lithuania.

The most recent incident involving Lavar Ball is that he is trying to start his own Junior Basketball Association (JBA) to rival the NCAA. This new league would pay players coming out of high school for the one year that they need before going to the NBA. In order to get people to join the JBA, he has been direct messaging the top recruits in the nation on social media telling them that they have been "invited to change history". Tyler Herro, a basketball player committed to the University of Kentucky, received one of these messages from Lavar. Forty-one other players received a similar message to this one. All of these comments and actions by Lavar ball have come in the last two years. It raises the question; is there anything Lavar Ball will not do in order to get into the light of the media?

Bulldog racquetball regionals results

Lydia Paglierani
Staff Writer

The racquetball team headed down to the Warren Health and Racquet Club in Warren, New Jersey last Friday the 23rd, to compete in their final meet (5th meet) of their season. Here are some of the highlights from the tournament:

- Sophomore Michael LaVallee made it to the quarterfinals in the Men's Blue 1s division
- Sophomore Michael Lynch won the Men's White 1's division
- Sophomore Andrew Zilonis placed third in the Men's Blue 2's division
- Freshman Peter Elder tied for third in the Men's Red 2's division
- Freshman Yash Patel came in second for the Men's White 3's division
- Sophomore Jacquelyn Amaral placed third for the Women's White 1's division
- Senior Caitlin Hartmann came in fourth for the Women's Gold 2's division

In addition to the great placements in this tournament, the coach, Dave Barnes, was awarded Coach of the Year! That's a wrap for the bulldog's season, and now they will continue to practice until the fall. If you'd like to know how the rest of their season went, please visit the Bryant Recreation website and find racquetball under the club sports tab.



Bryant's racquetball regionals ended a successfull season. (BryantBulldogs)

Fitness Center Front Desk Schedule - Spring Break	
Date	Hours
Friday, March 9th	6:30am - 5:00pm
Saturday, March 10th	Closed
Sunday, March 11th	Closed
Monday, March 12th	10:00am - 6:00pm
Tuesday, March 13th	10:00am - 6:00pm
Wednesday, March 14th	10:00am - 6:00pm
Thursday, March 15th	10:00am - 6:00pm
Friday, March 16th	Closed (Women's Summit)
Saturday, March 17th	Closed
Sunday, March 18th	2:00pm - 11:00pm
Monday, March 19th	Normal Hours Begin (6:30am-11:00pm)

Week's Best Tweets

“FINAL. Mattison closes the door on his first-career save!
He throws four scoreless and we take the final game of the Army Invitational, 11-7! #TCD.”
-@_BryantBaseball

“Our sophomore class combined for 57% of our scoring this season and 20 games of 20 or more points. #NECMBB #StatTuesday”
- @BryantHoops

“Spring Break is only a few days away. Will we see you in Chase before you leave? Did you know that spin classes can help you burn up to 1,000 calories in an hour!?”
- @Bryant_Rec

“Our own Bill Smith has been named @underArmour Athletic Director of the Year by @NACDA!
Congrats Bill!”
-@BryantAthletics

This Week's Scores

Baseball Game March 2nd
Army West Point 11
Bryant 7

Game March 3rd
Bryant 9
Boston College 8

Game March 4th
Bryant 11
Niagara 7

Women's Basketball Game March 2nd
LIU Brooklyn 69
Bryant 61

Game March 4th
St. Francis Brooklyn 66
Bryant 60

Men's Tennis Game March 3rd
Dayton 4
Bryant 1

Game March 4th
Bryant 3
Weber St. 4

Women's Lacrosse - Game March 3rd
Bryant 17
Hartford 2

September 17
Columbia 6
Bryant 1

Men's Lacrosse - Game March 3rd
No.11 Yale 11
Bryant 8

Extravaganza 2018

Silver Screen: Black Excellence

The Multicultural Student Union's annual fashion show featured outfits inspired by prominent films in black culture, performances by the Advanced Dance team, and powerful spoken word.



Photos by James Imrie

Why college athletes should be paid

Annie Campbell
Contributing Writer

Over the past decade or so, there has been an ongoing debate over whether collegiate athletes, specifically football and basketball players, should be paid. It seems as though everybody has a different take; the NCAA says there is not enough money, others argue a free education justifies playing for free. Meanwhile the NCAA and the school programs are raking in hundreds of millions, even billions of dollars on an annual basis. As of late, there has been a series of events that have even further pushed this question to the NCAA and to athletes all over the country.

Earlier this year an FBI investigation was launched into college basketball and went public, implicating a number of NCAA players and school programs in what is described as an "underground recruiting operation". This investigation ties a number of players attending mostly high major programs - Arizona, Louisville, Memphis, etc. - to taking illegal benefits such as cash advances, entertainment opportunities, and expenses from agents or college "boosters" in order to attend the desired school of the agent or booster. Because of this massive shakeup, the NCAA has never felt the pressure they do today, with criticisms from almost everyone, and rightfully so. The March Madness Men's Basketball tournament is the NCAA's most profitable business, earning around \$900 million in revenue annually. This event draws in people from all over the country to numerous locations around the United States, paying hundreds, even thousands of dollars per ticket. This event is like no other event in sports, and makes the NCAA almost a billion dollars annually. Not to mention, there are between eight and nine billion dollars spent annually on March Madness wagers across the country, more than the Superbowl.

Although, it is not only basketball that brings in money like this to the NCAA. This past January, the four teams that made the College Football Playoff - Alabama, Clemson, Georgia, and Oklahoma - each made six million dollars



President of the NCAA, Mark Emmert has already taken parts in press conferences discussing college athletes being paid (Bleacher Report)

guaranteed solely for making it into the College Football Playoff. ESPN is paying over \$600 million annually to broadcast the playoff, and the National Championship got almost \$30 million viewers in total.

College basketball and football are both a multi-billion dollar market economy, where everyone but the players benefit - the schools, the coaches, the NCAA. The NCAA uses an indefensible argument, claiming these athletes as "amateur" and unable to accept any sort of reward. To call these athletes amateurs is simply ignorant, and untrue. Yes, they are student athletes, but why are they restricted? Playing a collegiate sport is a full time job, and the time and effort these students are putting in is undeniable. There are 66 Division 1 Men's Basketball coaches with a

salary of over one million, and these athletes are seeing nothing. A college artist can sell a painting for their own profit with no penalty. Nobody else in college is restricted in anyway, yet the NCAA has convinced us that somehow these athletes, who are a part of a multi-billion dollar economy, are unable to reap any of the benefits that they bring in. The recent turmoil in college sports has raised this question to the President of the NCAA and those under him. If student athletes were granted some sort of benefit or reward, maybe the FBI wouldn't be investigating programs all over the country and this wouldn't be an issue. We need to see a change in college sports soon, and I truly believe it is inevitable.

How Parkland has changed the way we discuss the debate on gun control

Christina DiStefano
Contributing Writer

In the wake of the Parkland tragedy, young survivors are taking action for stricter gun control in the United States. They're protesting gun violence and pressuring lawmakers to put restrictions on assault weapons. These actions have sparked the conversation about gun issues in our country, and these high schoolers won't let the conversation end. They are, as TIME author Collin Binkley stated, "taking a stand because lawmakers haven't."

High school students have been showing their support across the country in response to the Parkland shooting. Many students have organized walkouts and reached out to their government officials to demand change about the ever-growing issue of gun control in America. Many high schools have tolerated the protests, but others have threatened three-day suspension to any protesting students. Despite the threat of suspension, students have continued to plan walkouts and speak out for their cause.

Along with this, the actions of these students have created an uproar across

social media. Many colleges have shown their support for the victims of this tragedy and have stated that any suspensions resulting from protests will not affect their college acceptance. Several companies that were previously affiliated with the National Rifle Association (NRA), including Delta Airlines and United Airlines, are cutting ties with the association in the aftermath of this shooting. Delta Airlines has ended its discounts for NRA members for flights. This harms businesses that work with the association, and can affect the NRA in the long run.

These protests have elevated the way we talk about gun control and it doesn't seem like the survivors of the Parkland shooting will stop until positive changes are made. Students have gotten tired of the government officials' lack of persistent action about the gun issue in America. Despite the harrowing number of deaths in the country due to gun violence, and the high numbers of mass shootings in comparison to other countries worldwide, lawmakers have not enacted any stricter gun laws to prevent events like these from happening. According to TIME, there have been 17 school shootings so far in 2018, and roughly 290 since the tragedy at



The protests in Parkland (CNN)

Sandy Hook Elementary School. Although gun issues have been a constant topic of discussion, there has been little action done to try and prevent more tragedies like these from happening.

These tragedies raise the question: how can we fix this issue? Proponents of stricter gun regulations and background checks are hindered by the NRA and gun advocates who are adamant about their Second Amendment rights. In addition,

many lawmakers blame mental illness for events like these, without delving deeply into the fundamental issues of violence and gun laws in the country. It is difficult to find a consensus on this issue, but it is vital to make changes so that we can prevent tragedies from happening. The students from Parkland High School have gone above and beyond what has been done in similar past events, and will not take no for an answer. We shouldn't either.

The Opinion pages of the Archway feature the opinions of the identified columnists and writers, which are not necessarily those of the newspaper or Bryant University

3D printing event on campus; instruction and design to create your own prints

Ryan Harris
Opinion Section Editor

On Sunday March 25th from 12pm-2pm in Bello 102, a co-sponsorship from various departments and organizations are coming together to host an event to demonstrate to the Bryant community on how to utilize the 3D printers here on campus. Some do not know that the campus has such technology to use, but even less know that it is free to use at this time. This event is open to all of the Bryant community and definitely welcomes all with an interest in technology.

At this event, attendees will be introduced to the 3D printers we have on campus. Specifically, the students will learn how to turn it on and how to replace the filament. After, students will be instructed on how to search for already existing files available online and how it can be sent to the printer to be formed. There will even be a demonstration to the attendee of how to create their own CAD files on a free CAD software or how to add to preexisting designs.

After learning how to create and modify CAD files for 3D printing, students are invited to try to build their fastest balloon boat in which the committee behind the event will host a competition on REDday. There will be multiple criterion to win upon so all are welcome to participate.

Similarly, the event will also touch upon the difference between additive and subtractive manufacturing. Another word for 3D printing in a business sense is additive manufacturing where one would use 3D printing to print out needed parts, touch them up, and utilize them. Subtractive manufacturing is the opposite, where one may start with a block of a material and chip away at it until it is in the desired form.

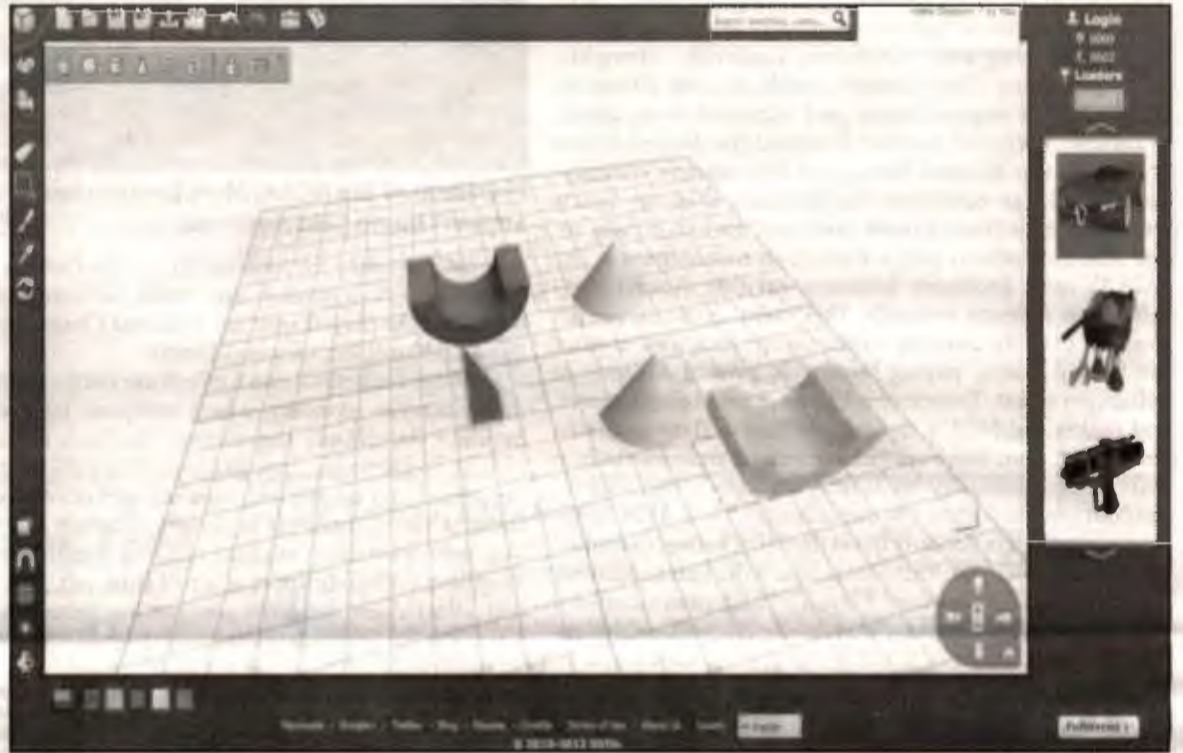
When the paper printer came to be, it took a while before the technology diffused into everyone's homes and workspaces. As the prices of the machines and the knowledge of how to use them became more widespread, the paper printer is an invention that most millennials in our part of the world grew up around.

Now, the 3D part is revolutionizing the creation of products. When you need a shoehorn or another utility item, it can now be possible without having to buy anything more than the filament needed. For businesses, they can simply replace old customized parts by printing them versus the long process and lead time of receiving it elsewhere. Or, businesses can condense a lot of their purchases by ordering large quantities of filament at discount prices for added parts to their products. There are many applications that 3D printing will bring into play over the next coming years.

Coming together for this event, Dr. Kevin Mentzer of Bryant University's Information Systems and Analytics department has teamed up with library staff and multiple student organizations, including Bryant Ventures, Supply Chain Leadership Association, and the Technology and Applied Analytics club. By working together, the committee wishes to



(3D Printers Online Store)



(Make Magazine)

Sunday March 25
2pm-2pm in Bello 102

Snacks and Drinks will be provided!
First-come-first-service basis
Laptops needed for the event


!!!
COMPETE IN OUR COMPETITION ON
REDAY AFTER LEARNING HOW TO CREATE
A BALLOON BOAT
!!!

Sponsored clubs and departments



Information Systems & Analytics

Bryant Ventures

 **Bryant University**
Douglas and Judith Krupp Library

Recap of the 90th Academy Awards

Lauren Malone
Social Media Chair



Sam Rockwell, Frances McDormand, Allison Janney, and Gary Oldman celebrate their well deserved Oscar wins (Oscar.Go)

The 90th Academy Awards, also known as the Oscars, took place on Sunday night and as usual, all the big name stars made their appearances. This award season has been quite politically motivated with both the #metoo and Time's Up campaigns mentioned at every prior award show this season. The Oscars were no exception. Many on the red carpet were still wearing their Time's Up pins, Jimmy Kimmel made his own remarks on the issues during his time as host, and many presenters and award winners used their time at the podium to

While these movements are indeed important, the true purpose of the evening is to celebrate those in the academy that were a part of the year's most phenomenal films.

The future of artificial intelligence and singularity theory - where do we stand?

Evan Butler
Contributing Writer

Technological Singularity is approaching the point at which Artificial Intelligence will evolve so fast that predicting the future will be impossible. There are three types of AI; Artificial Narrow Intelligence, which specializes in one area like playing chess. Two, Artificial General Intelligence (AGI), which can do almost anything intellectually that a human could do. AGI can think about a whole spectrum of different ideas on different depths, and plan just like a human. AGI is not reality yet, but will be soon. Three, Artificial Super Intelligence, (ASI). ASI is millions or billions of times more intelligent than all of humanity and will open one of two doors, extinction or immortality. ASI is self-teaching and makes improvements to itself that will grow more complex exponentially. Instead of learning functions or ideas like the previous types of AI, ASI's algorithms program it to learn. Between one and ten years after ASI's creation, it will be as smart as a human. An hour after that ASI will be 100x smarter than a human. Scientist Ray Kurzweil says that "It's stupid to think that humans could control something millions of times smarter than them."

If ASI is "good" almost anything is possible. Reversing global warming, curing diseases, colonizing the galaxy can all be possible with ASI. Immortality could be made possible by inserting billions of nano robots into the body to make constant repairs. Or our consciousness could be uploaded to the internet. If ASI is malevolent, it will destroy the human race because humans can turn it off. Bill gates, Stephen Hawking and Elon Musk, all believe that Super AI is our biggest existential threat.

Neuroscientist Sam Harris says that, "it's not that machines will become spontaneously malevolent and rise up against us, but the slightest deviation of our goals

from theirs could mean our destruction." Think about our relationship with ants. Humans don't go out of their way to destroy all ants, but when the ant's goals get in the way of our own, we destroy them. We have a conception of the intelligence spectrum that puts humans and ants at the opposite ends. In reality, the difference between humans and ants is infinitesimal when compared to the intelligence of Super AI which is billions of times more intelligent than humans.

Sam Harris illustrates another point to illuminate the power of Super AI saying, "suppose we built an AI as smart as a team of MIT researchers." Electronic circuits process information one million times faster than biochemical ones. Which means that the machine thinks one million times faster than the humans who built it. If they set the machine running for a week, it will accomplish 20,000 years of human level intellectual work. Sam Harris believes that two things are true; 1) Super AI is inevitable and necessary to solving world problems, and 2) we better figure out how to control it before it becomes smarter than us.

How do we create ASI without signing humanities death warrant? Philosopher Nick Bostrom says, "We need to create AI that learns our values and is motivated to carry out things humans would approve of." When thinking of how to control ASI, think about chimps, why haven't chimps taken over the world? This is because we are more intelligent and plan around them. The same is true for controlling ASI; if a chimp gets rowdy, its keeper may feed it a banana laced with sedatives. Bostrom believes the same is true for ASI, he says, "Maybe the technology it gives us to solve the world's energy crisis is really a biochemical agent that will exterminate all humans." It's hard to outsmart an optimizing information processing machine that is a billion times smarter than you. One thing is certain, Super AI will be humanity's last invention, for better or for worse.



Precautions must be taken well ahead of time to ensure future AI do not double cross humans (TedIdeas)

Leading the pack going in to the night was The Shape of Water with thirteen nominations. Dunkirk and Three Billboards Outside Ebbing, Missouri also went into the night with a high count of nominations at eight and seven.

The Oscars are always an interesting night because they are at the very end of the award season. They follow the Golden Globes, the Screen Actors' Guild, and all the other major film awards; and so, at this point those watching at home may start to think they have an idea of who will be walking away with the big awards of the evening. That being said, the Oscars can still surprise you with who walks away with the trophy. You just need to watch entire four hour show to find out what happens.

Let's be honest the award show is too long. The speeches are good and Jimmy Kimmel filled the night with some good moments such as pretending to give away a jet ski to the shortest acceptance speech and grabbing a handful of actors and running them across the street to surprise a theater full of people. The latter was one of the moments that most people were talking about today. The purpose of this was to thank the people that make this event possible: those of us who actually still buy tickets and go to the movie theater.

Finally, at the end of the night we had our list of winners. Here they are:

- Best Picture: The Shape of Water
- Best Actress: Frances McDormand, Three Billboards Outside Ebbing, Missouri
- Best Actor: Gary Oldman, Darkest Hour
- Best Supporting Actress: Allison Janney, I, Tonya
- Best Supporting Actor: Sam Rockwell, Three Billboards Outside Ebbing, Missouri
- Best Director: Guillermo del Toro, The Shape of Water
- Best Animated Feature Film: Coco
- Best Original Song: "Remember Me" by Kristen Anderson-Lopez and Robert Lopez from Coco
- Best Original Score: Alexandre Desplat, The Shape of Water
- Best Cinematography: Roger Deakins, Blade Runner 2049
- Best Original Screenplay: Jordan Peele, Get Out
- Best Adapted Screenplay: James Ivory, Call Me By Your Name
- Best Live Action Short Film: The Silent Child
- Best Documentary Feature: Icarus
- Best Documentary Short Subject: "Heaven is a Traffic Jam on the 405"
- Best Film Editing: Lee Smith, Dunkirk
- Best Visual Effects: John Nelson, Gerd Nefzer, Paul Lambert and Richard R. Hoover, Blade Runner 2049
- Best Animated Short Film: "Dear Basketball"
- Best Foreign Language Film: A Fantastic Woman, Chile
- Best Production Design: Paul Denham Austerberry, Shane Vieau, Jeffrey Melvin, The Shape of Water
- Best Sound Editing: Richard King and Alex Gibson, Dunkirk
- Best Sound Mixing: Mark Weingarten, Gregg Landaker, Gary Rizzo, Dunkirk
- Best Costume Design: Mark Bridges, Phantom Thread
- Best Makeup and Hairstyling: Kazuhiro Tsuji, Lucy Sibbick and David Malinowski, Darkest Hour

Shows to watch during the *Game of Thrones* offseason - explore new sci-fi

Thomas Maranian
Variety Editor



As the the final season is set to be released in early 2019, take the time to discover a new favorite show (HBO)

Believe it or not, it has already been half a year since *Game of Thrones* season seven ended. Unfortunately, season eight will not be returning until early 2019. What is even more unfortunate is that it will be the concluding season of the show. Winter has finally arrived after all this time and the fate of the seven kingdoms will indeed be revealed. A year is a very long time to wait for a show as spectacular as this, and so the question of what can you watch or read in the meantime arises. Let's get right into it.

Ever heard of King Arthur and his knights? If you have not seen the show *Merlin* before, you have been missing out on something that may very well compete with *Game of Thrones* as the greatest fantasy television series ever made. Fully packed with magic and that medieval setting we all love, *Merlin* tells the story of how the warlock grows close to the young prince of Camelot in a time of war, chaos, and destruction. The show adds together a hint of comic relief, action, suspense, betrayal, and romance into a fantastic story of five seasons. Whether you are familiar with the Arthurian legend or not, this show will definitely make you want to put on the armor of a knight and take up arms in defense of the kingdom of Camelot.

If you are a big fan of survival type shows, check out *Lost*. This show tells the story of those aboard *Oceanic Flight 815* that survive a plane crash and find themselves on an island they believe is deserted. They will soon find out they are not alone. Each character has their own unique characteristics that make them so easy to connect with. 121 episodes make up the six seasons, so be sure you have got the time. This one will take a long while to finish, but in the end, you will not regret the decision to watch it. Survival may seem

easy, but when others are fighting alongside to survive with you, lines are crossed, risks are taken, and peace is unmade.

Similar in some ways to *Lost*, *The 100* is another amazing show about survival and adaptation to a new life. This show tells the story of how teenage prisoners living in space get sent down to earth in an attempt to see if it is habitable once more. They will face uprisings, anarchy, and war amongst not only themselves, but those who are already living there. If you like *Lost*, then give this a go. It is similar in many ways, and examines the limits people choose to go to and the sacrifices that must be made to ensure the future survival of the human race. War for control of a broken world plagues the entirety of the show, and it is not over yet. It is currently four seasons, but the fifth is under production and is set to release sometime in 2018 or 2019.

Next on the list is *Vikings*. The name speaks for itself. It follows the tale of the famous Viking warrior, Ragnar Lodbrok. Alongside his struggle to be a father and brother, he is intent on exploring new lands for the fame, glory, and riches yet to be claimed. This show shares much of the violence and brutality seen in *Game of Thrones*, and does not hold back on the romance either. Take a good look at this show if you are craving more *Thrones*. It has a mix of similar features including family ties and longing for control of the lands. Swords, spears, and bow and arrow are carried by all warriors who walk the land. Some characters are meant for battle, others for strategy and planning. Be ready for the unexpected!

Following the book series by Terry Brooks, *The Shannara Chronicles* is a mix of wizards, warriors, conquerors, and kings and queens that face bigger threats beyond the one's they can see. The White Walkers may be threatening, but the ancient magic and villainous warlords of this show certainly are just as menacing. It has a lot of the drama, suspense, action, and romance seen in *Thrones*. It is definitely worth the watch if you are longing for more magic and teenage adventure.

Outlander, based on the book series by Diana Gabaldon, is a show about time travel, historical fiction, a complicated love story, and violence of both the 20th century and more importantly, the 18th century. It contains a great deal of romance but incorporates historical content and very action packed battles and war scenes. Some say it is only worth the watch if you are female, but that is pure nonsense. This show has such an outstanding storyline for anyone looking to take a little getaway from the present and enjoy the adventures of the World War II nurse, Claire Randall, as she struggles to survive in a foreign time and land. The book series has eight books in total, and the show just finished its third season. You better believe there is more to come. The story is really just getting started!

Black Sails tells a similar story to *Treasure Island*, and is about pirates of the 18th century. Captain Flint is the central character that fights for position, wealth, and survival in the pirate and colonial world. The Caribbean is occupied by many different notorious men and women captains that are fighting for control. You can expect a lot of graphic scenes, instances of similar violence seen in *Thrones*, and a similar story of conquest for supreme rule of the lands. If you love *Pirates of the Caribbean*, you are in for a treat. 38 episodes make up the four seasons. Shiver me timbers!

A year is a long time to wait for one show's final season to release. Take the time to check out some or all of these recommendations. You will not regret it. Pretty soon, *Thrones* will be over for good and the next big thing is going to have to take over. The *Lord of the Rings* television show set to be made by Amazon would have made this list but it is not yet out for the world to watch. Most of these shows were created based off book series. Most of the time, books tend to be better than the show's adaptation. George R.R. Martin's series is out there waiting for you. If you're more of a reader than watcher, you can always read the true story of *Game of Thrones* while you wait. Beware that the last two of the series have not been released quite yet!



DAILY WATER INTAKE

8X8
2.5 L DAILY

BEST TIME TO DRINK WATER

- 1 DRINK WATER WHEN YOU FIRST GET UP
- 2 DRINK WATER BEFORE EACH MEAL
- 3 DRINK WATER WITH A SNACK
- 4 DRINK WATER BEFORE A MEAL
- 5 DRINK WATER AFTER A WORKOUT
- 6 DRINK WATER WITH YOUR MORNING / AFTERNOON / EVENING
- 7 DRINK MORE WATER TO PREVENT LINES FOLLOWING EXPOSURE
- 8 DRINK A GLASS OF WATER BEFORE YOUR BED

SOURCES OF WATER FOR YOUR BODY

- 1 Glass of water
- 2 Cup of water
- 3 Bowl of water
- 4 Bottle of water

RECOMMENDED DAILY WATER INTAKE (IN LITERS)

13	24	23	27	27	37	27
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Additional tips:

- Always carry a bottle of water with you wherever you go.
- Get a periodic reminder so that you don't forget to drink water.
- Limiting caffeine and alcohol can help you drink more water.
- Keep a little log which can be as simple as a tick mark for each glass of water you drink.

6			2			9
	1	3	7			5
		3				1
	9					2
2		8	7	5		3
		5	1		4	
	7		8			9
		1	4		8	
			2	5	9	

Fairy Tale Crossword

- Down:**
1. Storyline
 2. Cinderella's' was evil
 3. Female sheep
 4. Female chickens
 5. Black _____
 6. Meet me _____ school
 7. Moral _____
 9. Spooky's _____ Code
 10. Snow White & the Seven _____
 14. Took a seal
 16. Little Mermaid's name
 18. This place
 20. Unhappy
 21. Stories
 22. She married Prince Charming
 23. Running competition
 25. Locomotive
 26. Once upon a _____
 27. Unlikely race winner
 28. Happily _____ after
 30. Hans Christian _____
 31. Blankets and sheets
 36. _____ are you?
 37. Up _____
 38. "Electric fish"
 40. You use this to _____

- Across:**
1. King's daughter
 3. Come in _____
 5. Lesson of a story
 8. Batman & Robin are Super _____
 10. Used to color fabric
 11. Feline
 12. Hot drink
 13. The _____ of Bremen
 15. Go it alone
 16. Playmate
 17. Proper name
 18. Look for treasure
 19. Chores, duties
 21. _____ chest
 24. Additional
 28. _____ upon a time
 31. Courageous, fearless
 32. Fair _____
 33. The miller's daughter spun this into gold
 34. Beginning, middle, _____
 35. What your ears do
 37. Gerries grant these
 39. Wicked little creatures
 41. At what time
 42. He travelled to Lilliput
 43. Once _____ a time.

A Little Word Search Puzzle to Prepare for **Harry Potter World**

M H N Z Y W S T J S I Z R O X Z O L E D
 P M N E A E G E T Y O G L K R B Z E G R
 V J C N R V N T K U L L D X Z W F A A A
 V Z D W K M O R Y U I Y D N F L R K L G
 Z S I A P G A C U V D Q L M P Y A Y L O
 R V K A N T K I A O U Y D D N E C C I N
 C G V I V U K N D X J G E V Q F G A V L
 E A R F F Q D T O V H N W N U P N U E G
 H G S P H E M N G C H U E B O S I L D R
 R E E B R E T T U B E C K D B H Y D A E
 X V G S K U P Z J T K T V P D G L R E S
 S N D T T D C I A P D E U W D I F O M L
 M I Z O P V C O C F K P D R U E B N S A
 N O I T A T S S S O R C S G N I K R G R
 W S D H O G W A R T S Q P C Q A O R O K
 G E S E O P Q Z Y L J G B P V N L I H F
 T H R E E B R O O M S T I C K S M L D W
 W T A B K W P X T H F Z J N R E A W E W
 L E Z E R Z B S C C Z H J K Y B L D B Y
 C K D N L O O U D X O G X Q L R S E Z N

- Olivanders
- Forbidden Journey
- Hogwarts
- Knockturn Alley
- Leaky Cauldron
- Butter Beer
- Kings Cross Station
- Honeydukes
- Hogmeade Village
- Flying Car
- Gringotts
- Flight Of The Hippogriff
- Dragon
- Mermaid
- Wands
- Three Broomsticks



JUMBLE

Unscramble these four Jumbles, one letter to each square, to form four ordinary words.

NAGLD

RAMOJ

CAMBLE

WRALEY

www.jumble.com

THAT SCRAMBLED WORD GAME by Henri Arnold and Mike Argirion



Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

A: A

(Answers tomorrow)

Yesterday's | Jumbles: FLUKE VALET WOBBLE SULTRY
 Answer: Can be heard at a snooty garden party — "FLOWERY" TALK

Ronzio

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DETAILS TO COME

TIPS FOR A SAFE SPRING BREAK

1. Plan ahead - have at least a general sense of your travel plans.
2. Take turns driving to stay alert!
3. Protect yourself from the sun.
4. Eat well and healthy.
5. Stick together - keep tabs on each other and have one another's back.
6. Fuel yourself - if you choose to drink, set a limit, make your own and alternate with water to keep hydrated.
7. Know when to get help. If you are in trouble or are the victim of a crime, immediate help is available!



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