



# THE ARCHWAY

Black and Gold and Read all over

www.bryantarchway.com

Volume 85, Issue 15

Smithfield, RI

March 1st, 2018

Inside  
this  
edition



Business:  
"Let's just Uber" -  
The next big thing

Page 5

Sports: Bryant  
simmer suffers  
stroke after meet,  
community rallies to  
support



Page 7

Opinion:  
Multiple views on  
mass shootings in  
the US

Page 11

Variety:  
Protein powder and  
bars; right for you?



Page 13

## NFL star Danny Amendola sits down with The Archway for a fun Q&A

Hayley Wilcox, Kaitlyn Graham, and Steven Santos  
Co-Editors-in-Chief and Sports Section Editor

Earlier this week, the Bryant community came together to welcome Patriots star Danny Amendola to campus. Amendola, now taking some much-needed time off after helping the Patriots climb all the way to the Super Bowl, sat down for a moderated interview with Tristan Hobbes in front of the Bryant students, faculty, staff, alumni, and community. He was asked about his college career, the lessons he learned from his parents, as well as shared some funny stories of other Pats favorites like Rob Gronkowski and Tom Brady. He also spoke of his heavy participation in community service both with the Patriots and prior to his NFL career. The audience then got a chance to participate and ask some questions of their own. Questions ranged from asking if Amendola has time to reflect on his successes to if Danny would join students in a ping-pong tournament in one of the halls later in the evening.

While a large portion of the campus was able to witness Amendola's answers to the moderated questions, we here as the student newspaper representatives wanted to provide a deeper look into who Danny Amendola is and what advice he has for college students in particular. With the gracious help of the Bryant Student Programming Board and the Athletics Department, The Archway was able to arrange a 15-minute interview with Amendola prior to his moderated Q+A here on campus. Though we already know Danny for his passion and success on the field, it is not every day that our Patriots-loving campus gets to interact with someone from an NFL background. Considering our responsibilities to provide the most complete coverage for Bryant students, we were excited to gain a first-hand look at Danny off the field and a glimpse at his personal life. Here is our conversation we had with him:

**KG:** What made you want to come and speak at places like Bryant? Do you normally come and speak at colleges?

**DA:** I love doing this stuff and coming and sharing stories. I've done a handful of these and they are really fun. The questions are all unpredictable. I've been to a couple of colleges. I've been to Maine, I've been to



Amendola was all smiles for the Bryant crowd as students and guests participated in a Q&A (James Imrie)

Connecticut. I've been to another university in Rhode Island as well.

**HW:** What advice can you give to a college student who wants to strive competitively in any field they desire to enter?

**DA:** I would say to worry about what you can control. You're going to face adversity in whatever aspect that is but just worry about what you can do. You can be prepared, you can be there on time, you can listen, you can take notes, you can control all of these things. Everybody faces adversity, so it is just a matter of going in prepared and having the ability to adapt.

**HW:** Sure, it's almost how you go into almost every football game I'm sure!

**DA:** Absolutely! Making a team is almost the same as interviewing or getting a job. Like for our process, we go through training camp for eight weeks, like when you are starting off a job or interviewing. It's not much different.

**HW:** What in your youth and in general can you attribute to your overall success and who you are now?

**DA:** Specifically, one thing that has contributed to me being in this league as long as I have is to play good football, but also I've been around the game for a long time. My dad was a high school football coach for another team in our district, so it set the foundation when I was young and kind of propelled me through my career. I actually played against him when I was younger! I lost against him one time too. We beat him two out of the three times though, but who's counting?! But my dad prepared me for off-season workouts, how to prepare for a season, how to prepare for a game.

**KG:** Does your dad get to go to a lot of games?

**DA:** He does. But funny, he literally likes to watch it on TV so he can see it better. Plus, that way he can avoid the cold in December and on.

**SS:** So, I get to ask you a fun football question. So when Edelman went down in the preseason it was heartbreaking for everyone. Did that make you prepare any differently mentally or physically for the role you had to step into?

**DA:** Actually not really! Julian is a great player and he has done a lot for our team, so when that happens everyone kind of rallies around that player to fill the gap and make the plays he won't be able to make. That's really the only change. But it's still the same mentality and workload every week.



Assistant Athletic Director for Communications, Tristan Hobbes led the moderated Q&A for Bryant and got the opportunity to ask Amendola some great questions (James Imrie)

Continued on page 3

# Meet The Archway Staff

Black and Gold and Read All Over



www.BryantArchway.com



archway@bryant.edu



bryantarchway.com



Kaitlyn Graham & Hayley Wilcox  
Co-Editors-In-Chief



@TheArchway



BryantArchway



Nyatasha Jackowicz  
Web Editor



Danielle Caci  
Business & Marketing



Katie Hughes  
Staff Advisor



Cassidy Riendeau  
Treasurer



Lauren Malone  
Social Media Chair



Christopher Groneng  
News Editor



Steve Santos  
Sports Editor



Ryan Harris  
Opinion Editor



Dennis Frank  
Business Editor



Thomas Maranian  
Variety Editor



James Imrie  
Photography Editor



Melissa Hurwitz  
Variety Copy Editor



David Schmidt  
News Copy Editor



Johanna Craig  
Opinion Copy Editor



Eliza Hodge  
Head Copy Editor



Carli LoPresti  
Web Assistant



Holly Blackstead  
Web Assistant



Amy Solov  
Sports Copy Editor



Elana Williams - Leonard  
Business Copy Editor

The Archway  
Bryant University, Box 7  
1150 Douglas Pike  
Smithfield, RI 02917

Office Location:  
Third Floor of Fisher Student  
Center

The Archway is printed by  
Graphic Developments, Inc.

## Department of Public Safety Log

EMT CALL EMT CALL / MEDICAL SERVICES RENDERED  
Feb 19, 2018 Monday at 02:02  
Location: RESIDENCE HALL  
Summary: An EMT was requested for a medical evaluation on a person who is not responding. EMS was activated. One male was transported by Smithfield Rescue to Fatma Hospital.

EMT CALL EMT CALL / MEDICAL SERVICES RENDERED  
Feb 20, 2018 Tuesday at 02:03  
Location: UNISTRUTURE  
Summary: A student requested an EMT for a male outside the Unlstructure having a panic attack. EMS was activated. One male was transported by Smithfield Rescue to Fatma Hospital.

EMT CALL EMT CALL / MEDICAL SERVICES RENDERED  
Feb 20, 2018 Tuesday at 12:42  
Location: UNISTRUTURE  
Summary: An EMT was requested for a medical evaluation on a person down in Faculty Office C. EMS was activated. One female was transported by Smithfield Rescue to Fatma Hospital.

FRAUD  
Feb 20, 2018 Tuesday at 18:48  
Location: E C S  
Summary: DPS is investigating a possible case of fraud. Smithfield Police had been contacted and responded.

FRAUD  
Feb 22, 2018 Thursday at 14:33  
Location: OFF BRYANT CAMPUS

Summary: DPS is investigating a possible case of fraud and the use of a debit card without permission.

LARCENY Feb 22, 2018 Thursday at 21:39  
Location: RESIDENCE HALL  
Summary: A student came into the DPS office and reported the theft of a pair of sneakers and a shirt from his room.

EMT CALL EMT CALL / MEDICAL SERVICES RENDERED Feb 23, 2018 Friday at 23:53  
Location: RESIDENCE HALL  
Summary: An EMT was requested for a medical evaluation for an intoxicated female. EMS was activated. One female was transported by Smithfield Rescue to Fatma Hospital.

## Continued from page 1

SS: Obviously, tough loss for the Super Bowl. You all played your hearts out though. So, how do you prepare mentally for what just happened and stay focused on next season?

DA: You know, you got to take a strong vacation! It's important to get time to relax. I'm on third base for my vacation right now, but then after that it's full steam ahead.

KG: Do you guys train together?

DA: A lot of us do, yeah! A lot of us were training in California or anywhere where it's hot so you can get out and play. Texas, California, Arizona, anywhere past Mississippi really. But, yeah! As much as we can. It's hard to get us all together, but a few times a year wherever we are at least.

KG: Besides the training in the offseason, what do you look forward to doing the most?

DA: Oh I love travelling! I love spending as much time as I can on any beach. The Northeast is a lot of snow and cold weather. Everyone migrates to warmer weather.

SS: Do you have a favorite place to travel?

DA: The Bahamas. I have to get sunburnt for the first couple days but once I'm over that, it's great. I actually went to the Dominican for a couple days after the season but it rained three of the four days I was there so I didn't get that sunburn I wanted.

KG: Where are you going next for vacation?

DA: I'm going to Exuma in the Bahamas with a couple of friends of mine. There's pigs in the water which I think I'll do, but you can also swim with nurse sharks. I don't know if I'll be able to do that. There's no protection or anything! If I even see a

fish I'm swimming the other way!

HW: At Bryant the students here are really accustomed to working in a team to prepare them for the professional world, so what do you think makes the Patriots so successful as a team?

DA: I think it starts at the top really. We have an amazing owner who works well with our head coach who works well with our QB, so it's really those three pillars. They've worked the best since long before I've been there, and working with other teams I've seen the differences.

KG: There have already been a lot of changes on the team, so what can you expect when you guys get back together in the summer?

DA: Expect the unexpected. It's a business, so guys are coming in and coming out. Even myself, I'm an unrestricted free agent so it'll be based on what's at stake. But everyone is just embracing this month off!

SS: When the team heard that Malcolm Butler wasn't starting at the Super Bowl, what were your thoughts?

DA: To tell you the truth, I didn't even know that he wasn't starting until the third quarter. I didn't even know until I saw him not playing. But I'm not the coach. He's a great player. I know that because I play against him every week.

KG: What are your thoughts about how the NFL treats concussions and CTE and related injuries?

DA: Regardless of the negative talks, the NFL has done a great job initiating rule changes, independent doctors on the sideline and in the booth. That's something we didn't even have five years ago. Even helmet technology is improving. I can tell a difference. I have taken some hits this year where if I was wearing a helmet from five years ago it would be different. But, I mean, I know I signed up for this, so I know what to expect.

## Top tweets of the week

"Armed Educators (and trusted people who work within a school) love our students and will protect them. Very smart people. Must be firearms adept & have annual training. Should get yearly bonus. Shootings will not happen again - a big & very inexpensive deterrent. Up to States."

- Donald Trump, 02/24/18 (@RealDonaldTrump)

"The NRA is a terrorist organization. The media should speak of the NRA in the same way they do ISIS. Total ISIS-inspired deaths in US = 79. Thanks to the NRA & the politicians they buy, we've had 1.2 MILLION American gun deaths since John Lennon was shot dead in NYC #NRAKillsKids"

-Michael Moore, 02/23/18 (@MMFlint)

"Instead of listening to students & parents, Gov. Scott's plan bows to the NRA's demands. It does not expand criminal background checks or ban assault rifles, such as the AR-15. Raising the age to 21 is the bare minimum. We need to get these assault rifles off our streets."

- Sen. Bill Nelson, 02/23/18 (@SenBillNelson)

# Bryant welcomes new Habitat for Humanity club to the campus

Justin Dauley  
Contributing Writer

Millard and Linda Fuller founded Habitat for Humanity in 1976 with the mission of providing families in need with decent, affordable housing. To this day, there have been over a million homes built worldwide through HFH, and the organization has helped nearly 10 million people globally to obtain better housing. With over 1,300 affiliates in the United States alone, HFH is one of the largest non-profit organizations in our country.

There are currently over 500 active HFH student groups in the United States, including campus chapters at Bentley, Babson, PC, Brown, Roger Williams, and URI. These campus chapters collaborate with local HFH affiliates to help provide support across a variety of areas, including fundraising, direct service, educating others about the need for affordable housing in the community and advocating for additional affordable housing in the community.

Over the past year, a group of dedicated students has been working hard to bring a chapter here to Bryant, and we have finally succeeded in doing so! Our local

partnering affiliate, Habitat for Humanity of West Bay & Northern RI, obtained official status in December 1995 in the West Bay Rhode Island area and expanded into the northern Rhode Island area in 2000. During that time, they have provided homes for 17 families, entirely through volunteer efforts. We are very excited to be collaborating with them to combat the problem of a lack of affordable housing in our community and have some big plans coming up this semester.

During the next several months, we plan to work in partnership with the Bryant Veterans Professional Network and HFH of West Bay & Northern RI to help build a home for a veteran in the local community as well as engage in a number of fundraising efforts and events on campus.

We invite all Bryant students to join us on this journey to build a strong foundation for the future success of the Bryant Habitat campus chapter while striving to make an immediate impact in the local community.

Please email [habitat@bryant.edu](mailto:habitat@bryant.edu) with any questions and be sure to follow us on social media to keep up-to-date with our plans. Our meetings are every Tuesday from 5-6pm in UNI 242 - we would love to see you there!

## Olympic truce may turn into world peace

Mark Boullie  
Contributing Writer

The opening ceremony of the 2018 winter Olympics heavily symbolized a greater peace between the divided Korean nations. While we must remain skeptical of the impacts of this act of unity, we must also appreciate the timing of this peace-based spectacle. Amidst a barrage of insults and threats from arguably the most aggressive U.S. administration to date, the two sides still emanated peace. Pyeongchang, the site of the 2018 Winter Olympics, lies a mere 40 miles from the world's most heavily militarized border. In addition, North Korea recently conducted their most powerful nuclear and intercontinental ballistic missile tests to date, in which Trump responded with a threat to "rain down fire and fury" on North Korea.

The tensions between the two sides have been flaring recently, however, it seemed, for just a little while, that both sides had put the conflict on hold. South Korea's President, Moon Jae In, worked hard to allow the Olympics to serve as an opportunity to open peace negotiations between the two sides. A senior North Korean official, Kim Yong-Chol, said that the North was willing to open dialogue with the United States. The two sides had their own agendas of course, "The South was desperate to ease tensions, The North wanted to soften its image and weaken international sanctions. Now comes the hard part for moon, after the Olympics" said Yoo Dong-Ryul, director of the Korea Institute for Liberal Democracy in Seoul.

President Moon seeks to ease tensions on the Korean Peninsula which technically remains at war. Moon faces immense challenges in two regards: turning this sign of unity into greater peace, and not rupturing with the hard-line Trump administration.

This challenge is near insurmountable as the two sides seek opposite ends. Analysts say North Korea seeks acceptance as a Nuclear power and economic concessions in return for ceasing the advancement of its nuclear programs. The U.S., under the Trump administration, insists it will never enter any serious negotiations until North Korea commits itself to nuclear disarmament.

In addition, Trump recently announced harsh sanctions against North Korea to pressure Kim to relinquish its nuclear arsenal. Moon's cross-cutting actions have caused many to worry he will blur the lines between which side he's truly on. As a result, many analysts say this has a better chance of harming the relations rather than offering a peaceful resolution. As evidence shows we must assume that nuclear strength comes immense stubbornness.

South Korea's youth seem to be just as displeased as the U.S. administration with President Moon's actions. The youth is more concerned with economic stability and social prosperity rather than national unity.

Despite the skepticism, the immediate results of the peaceful unity at the Olympics seemed to bring a halt to the war for a moment and served as a platform for the two sides to open face to face negotiations.

Some U.S. officials aren't entirely opposed to the idea of South Korea taking on more of a mediator role, however, they will likely be but an agent that the U.S. uses to negotiate its will.

President Trump must consider what to do about the upcoming joint military exercises between South Korea and the United States. This exercise causes conflict consistently and North Korea has said they will continue testing missiles if the exercise is conducted.

President Moon's pushes for unity may appear noble, but the hurdles he must overcome are arguably insurmountable.

# The Bottom Line a capella group sings way to ICCA semifinals

Erika Kourey  
Contributing Writer

This past Saturday, Bryant's premier co-ed A Cappella group, The Bottom Line, competed in their second ever International Championship of Collegiate A Cappella (ICCA) and received 2nd place out of the 9 groups that competed in their Quarterfinal. The group's beatboxer, Max Pudvar, also received an Outstanding Vocal Percussion award for his amazing work. The competition was held at Central Connecticut State University and featured groups

in the Northeast region. The 1st and 2nd place winners of the multiple Northeast Quarterfinals will advance to Semifinals, which will be held this upcoming Sunday at Symphony Hall in Boston.

Eligibility to compete in the ICCA depended on groups submitting a pre-recorded audition video and then being accepted into the competition. Last year, The Bottom Line was accepted, but unfortunately did not advance past their first Quarterfinal competition. With the coming of this school year, the group knew they wanted to make their mark in the ICCA's. Their Adviser, Flo St. Jean, was a huge

help in getting the process going at the very beginning of the 2017 Fall semester. The group recruited Elliott Von Wendt, the Music Director for Nor'easters A Cappella at Northeastern University, as the arranger for their ICCA set. The Nor'easters are 2-time ICCA champions in both 2013 and 2017. Elliott wrote an intense and emotional 3-song set for the group and worked with them as a vocal clinician. The arranger of their set the year prior, Kevin Guest, also played a large role as a vocal clinician for the group. Kevin has been a member of multiple collegiate and professional A Cappella groups, as well as a producer and recording engineer at his own music company. With all this support from outside sources, the group was able to produce a winning set.

During the competition season, the group rehearses 5-6 days a week for a minimum of 2 hours a day, indicating the tremendous amount of time and effort put in by everyone involved. The Bottom Line hopes to continue the tradition of competing in the ICCA for years to come and is honored to be the first group at Bryant, and the only group within the last 5 years in Rhode Island to advance to Semifinals. The group hosted an incredibly successful Send-Off event prior to their competition date in the Machtley Interfaith Center, with over 150 students and faculty staff in attendance. They want to continue to grow the student body excitement towards the world of A Cappella every year by putting on multiple campus-wide events such as this.

The Bottom Line would like to personally thank everyone at CSLI and Student Affairs, especially Lisa Morris, Kelly Harvey, Will Reddy, Holly Paiva, Dr. Mailee Kue, Vice President of Student Affairs Dr. John Saddlemire, and of course, the Machtley's for their continued support of the Arts Program. All these individuals positively impacted the group's journey, and the group is extremely grateful for that. Tickets for their Semifinal competition have officially gone on sale! If you are interested in purchasing a ticket, please go to the Boston Symphony Hall website under "Events" or reach out to Erika Koury (Business Manager) at ekoury@bryant.edu or Maxwell Harz (President) at mharz@bryant.edu.



The Bottom Line, after having placed second at the ICCA quarterfinals (The Bottom Line)

## China talks future changes to presidential term

David Schmidt  
Copy Editor

China's Communist government has proposed to get rid of the term limit for their President and any future president. The announcement does not come as a surprise because during the 19th Chinese Communist Party Congress, which is held annually, President Xi Jinping's personal theories on how the Chinese government should operate get noted into the Party's Charter, and Xi Jinping leaving the position of successor vacant.

This would allow current Chinese President Xi Jinping to continue to serve post second term, which ends in 2022. Likewise, many have argued that this move has gone against the country's effort to "create rules in China for the orderly exercise and transfer of political power."

This announcement came after the 205-member central committee proposed that the section of presidential term limits be removed from the Chinese Constitution. Yet, the change must be approved by the Chinese Parliament at its annual meeting, which is scheduled to be held next month. The change is likely to be accepted by the Chinese Parliament as the parliamentary body has continued to accept the proposals made by either the party or the government itself has offered.

Furthermore, many academics have pondered the same question posed by Political Scientist Professor Brantly Womack, "is Xi Jinping's personal power

overriding the power of institutions and the constitution?"

This news represents a possible shift and a conclusion of China's 40-year push to reform era, which was initiated after the passing of Chairman Mao Zedong in 1976. Likewise, the move also demonstrates a concern, which is that of political succession.

China's parameters on their leaders have been shaky because for one the position of the President is lower than that of its head of the Communist Party and the military. However, Xi Jinping currently holds all three positions.

Supporters of the innovative policy have made the argument that the new leadership and governance arrangements offer the Chinese Government the necessary stability that it requires for operating. Likewise, they state that the new format will provide Xi Jinping the ability to lead China and the ruling party to prosperity along with power and modernity.

All of this is because China plans to achieve basic modernization by the year 2035 along with regaining China's influence in international affairs.

Consequently, to do so President Xi Jinping plans to restructure the party, thus to make the Chinese Communist Party a more orderly and effective entity. It's the hope that this restructuring of the Communist party will afford the party the ability and power to regain its authority to lead both the Chinese Economy as well as the Chinese society.

## North Korea endures more UN sanctions

David Schmidt  
Copy Editor

President Trump announced on February 23rd, that the United States has placed new shipping sanctions on North Korea. The sanctions are another attempt to block oil and other prohibited materials from reaching the rogue nation. During his time at CPAC this weekend Trump stated, "We have imposed the heaviest sanctions ever imposed... Hopefully, something positive can happen. We will see." Likewise, the Treasury Department cited that 50+ ships and shipping companies have evaded both the United Nations and the United States sanctions on North Korea and have continually imported sanctioned material to North Korea. Some of those ships and shipping companies came from these countries: China, Singapore, Taiwan, Panama, Tanzania, the Marshall Islands and Comoros.

These new sanctions are part of the Trump Administrations broader program that is entitled the maximum pressure campaign. The program has been designed to ultimately put pressure on the nation and its leadership to halt its nuclear program. Yet, North Korean leader Kim Jong Un has continuously stated that his country has no plan to disengage from their nuclear weapons program. North Korea's nuclear weapons program has continued to make progress in the past year.

These recent sanctions have come when there has been a recent thaw in North and South Korean relations due to the Winter Olympics in Pyeongchang, South Korea. Additionally, besides the Olympics, there has been continued high-level discussions

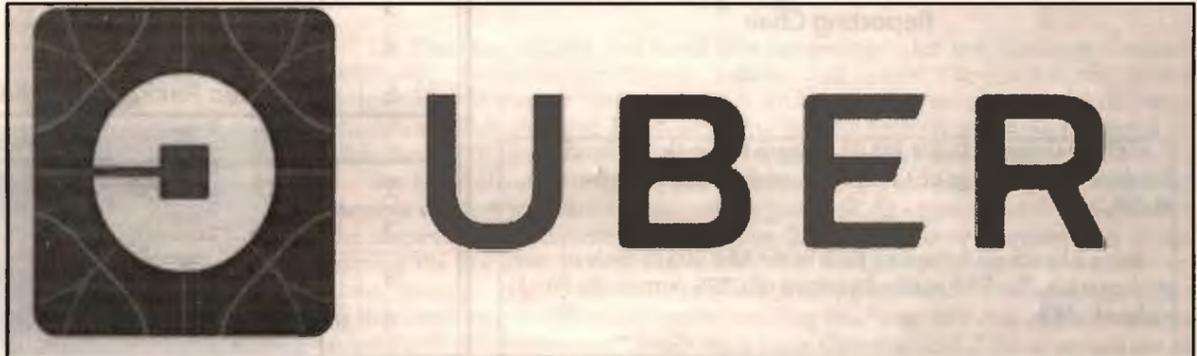
among both Koreas as well. Trump's daughter and political adviser, Ivanka Trump will be attending the closing ceremonies for the Winter Olympics, but there have been no reports stating that she would be meeting with any North Korean officials during that time.

Yet, the amount of weight sanctions has had on the north has not been fully reported, however, a senior administration official debriefed news report stating that current sanctions that the United Nations and the United States individually placed on the North have reduced oil imports by 90% in recent months. Likewise, it has been reported that North Korea has tried to evade the sanctions by participating in "ship-to-ship transfers on the open seas, officials said." The US Treasury has collected several photos of potential North Korean ships with false identification thus abling them to do the ship to ship transfers in the international waters. The United States and many of its Asian Allies are working with local shipping companies to put a halt on these activities, which the North are participating in. In addition, the United States has barred all shipping companies that are participating in the ship to ship transfer program with the North Koreans.

China, the North's main and only ally, has agreed to cooperate with the UN and the United States to further punish the North. However, some Chinese companies have been undermining the United Nations and US sanctions that were placed on North Korea and are continuing to be doing business with the North Koreans. Consequently, many wonder if the United States and the United Nations can fully trust the Chinese in following protocol.

## “Let’s just Uber” - The next big thing

Colleen Sheedy  
Contributing Writer



Uber Logo (uber.com)

“Hey, let’s just Uber” is a popular sentence uttered by most students at Bryant University on the weekends. Living on campus can create a serious struggle for navigating around Rhode Island and trying to get from one place to another. Whether we are trying to get to Blackie’s Bull Dog Tavern on a Friday night for some sweet potato fries, or we need to make a run to the closest Target, we can find our way there with the touch of a button. We can just “Uber.” Yes, Uber is now a new verb that is understood and used by many millennials. But what does Uber mean to us here at Bryant? Uber is a lifesaver for college students who do not have their own form of transportation on campus. Not only is Uber a great resource, but their business model also proves to be a resource yet again for business students at Bryant.

In late 2015, Uber was among the most high-profile new companies of its generation. As they connected passengers to drivers by smartphone technology, they instantly satisfied the supply and demand for the transportation markets. Uber was founded by two entrepreneurs in March of 2009 and it took off instantly, now bringing a revenue of over \$20 billion as of 2016 and is growing exponentially. But, why did these two young business students enter this market? Why would they want to compete with taxi services and public transportation that has been around for decades? Uber was created because they believed that they could serve their target market better than existing companies.

It is safe to say that Uber did, and still is, going through obstacles to try and overcome the taxi markets. With their impressive way of retaining earnings, they face their competitors with incredible confidence and determination that they will be taking over the market very soon. It is easy to categorize Uber’s business model as genius based off their plan to make a profit. As many young business students at Bryant understand, the hardest thing about a startup company is getting through the first few years.

It is unlikely that in the first year or two you will see an overall profit. It takes a significant amount of capital and advertising to get your name out there while paying operating expenses and overhead costs. Uber did not have to face this problem.

Let’s bring it back to freshman year Macroeconomics class. Supply and demand is the overall concept of a business entering a market. Achieving the needs for supply and demand while maintaining a steady equilibrium can be a challenging task for a startup business. It is difficult to get a sense of how much supply to produce while looking at the current demand in the market. Why wouldn’t Uber have this common issue? Uber’s business model is reliant on the supply and demand curve in the market. If there is demand for rides, the supply for drivers will then reach that amount. Without the demand for drivers, the supply for drivers is not needed. But, if there is no demand during a certain time period, then Uber does not necessarily lose any money because they will simply not have the need for their drivers during that specific time period. In times of no demand for drivers, Uber does not pay these drivers for sitting around and waiting to pick people up.

It is an unavoidable factor that there are good times and bad times in an economy or specific market that affects the individual companies. Now that we understand that Uber

can safely survive these “bad times,” how do they exceed during the “good times”? Uber’s surge pricing model is the bread and butter of their income statement. When “Surge Pricing” was put into effect, Uber could raise the price anywhere from 1.5x to 7x the normal price. This was a way that Uber made exceeding profit for not only the company itself, but their drivers as well. This was an innovative and finally intelligent way to bring supply and demand to an equilibrium when demand exceeded supply.

Even though Uber has some battle wounds through regulation processes and competing with the Taxi market, this nine-year old company has maintained tremendous growth throughout the last decade. The business model of Uber is simple and reliable and is also a brilliant way to make a profit with limited riskiness. There have been competitors like Lyft and Sidecar that have come into play within the last five years. Despite this, Uber has not only created a new form of transportation but has created a new culture in and of itself. So next time you hear someone say, “let’s Uber” and not “let’s Lyft” or “let’s get that app where we can request a ride,” remember that this whole culture was started by two young entrepreneurs that wanted to make some money by matching up supply and demand in the transportation market.

## The rise of American student loan debt

Katelyn Williams  
Contributing Writer

| Student Loan Balance  | Number of Borrowers |
|-----------------------|---------------------|
| Less Than \$5,000     | 8,960,200           |
| \$5,000 - \$10,000    | 7,740,700           |
| \$10,000 - \$25,000   | 12,434,400          |
| \$25,000 - \$50,000   | 8,319,600           |
| \$50,000 - \$75,000   | 3,341,100           |
| \$75,000 - \$100,000  | 1,350,800           |
| \$100,000 - \$150,000 | 1,116,500           |
| \$150,000 - \$200,000 | 500,400             |
| \$200,000+            | 415,400             |

Student Loan Balance compared with # of borrowers (Federal Reserve)

the loans begin knocking at their front door? As of 2017, the annual loan default payment is over 11.2%, meaning that for every 2 million students carrying student loan debt, over 224,000 students are unable to pay it back and end up defaulting. Despite this, the banks continue to lend out thousands of dollars to students who may or may not be able to pay. Unfortunately, this passes the liability onto the loan co-signers such as parents, grandparents, and/or family friends. If the banks continue to loan out money to students in such quantities, the student loan bubble could be destined to crash at some point, much similar to the housing market crash in 2008.

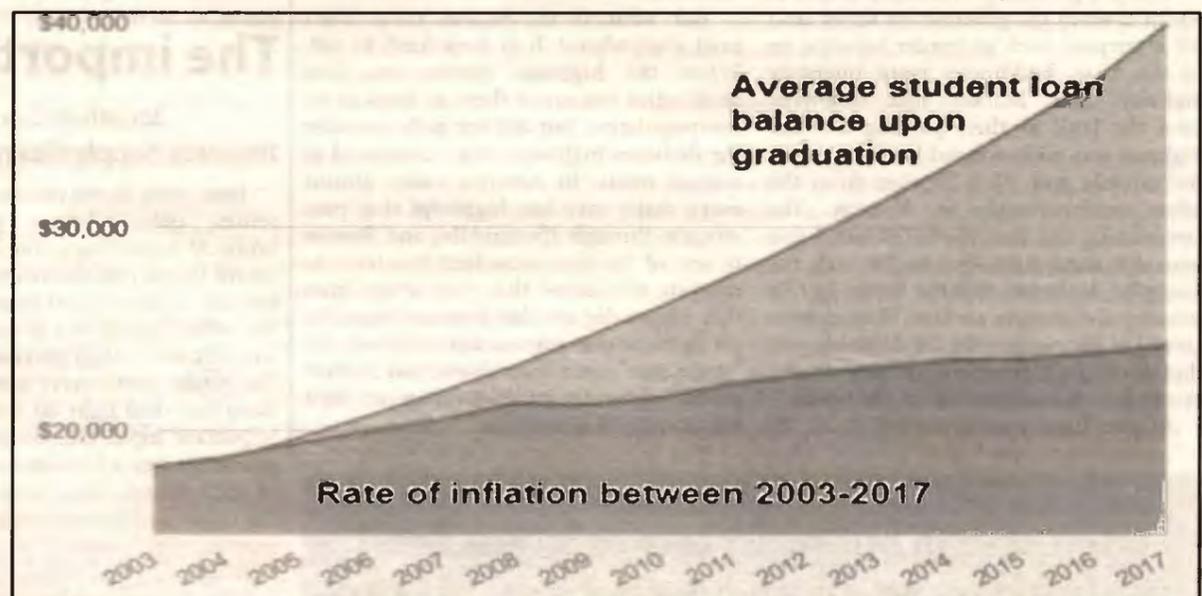
So what does this all mean? Who has the responsibility to alleviate this huge issue the United States is currently facing? College tuition is increasing at a rapid rate of 6-7% on average and wages are only rising at an annual rate of 2-3% on a good year. Should we be looking towards our politicians to change loan laws and crack down on colleges and their ability to continuously raise tuition?

For instance, should they require the universities to pay property taxes on their buildings/campus where currently they are tax exempt as a non-profit organization, or should we be looking at the universities themselves to take on some of the responsibility by redistributing their budgets to focus on reducing college tuition rather than expanding the campus and building the latest and greatest amenities? Maybe having students complete a cost benefit analysis to decide if the education they will be receiving is worth the debt they would be taking on might be the next logical step. Whatever the result may be, as a nation we must decide if it is time to address this serious issue or continue to pretend that it does not exist.

It is our responsibility to educate our future generation who has not yet accumulated large amounts student debt instead of providing the Taj Mahal of amenities to attract students and their families. To continue down this path could be looked upon as naive and could surely be the cause of a future crisis to our economy.

According to the Federal Reserve, the American population is currently burdened with an all-time high level of college debt. As of 2018, the total student loan debt across the country increased to 1.48 trillion dollars leaving recent college graduates weighed down with on average \$37,172, per the 2016 graduating class. With student debt at an all-time high and an average starting salary of \$48,127, the average college graduate between the ages of 20-30 will have a monthly payment of \$351 over a ten-year period. More than 2 million student loan borrowers have a student loan debt greater than \$100,000 and over 415,000 Americans are carrying student loan debt greater than \$200,000, which would triple if not quadruple their average monthly payments over a ten-year repayment period. With these frightening statistics looming, it is no wonder students are forced to move home upon graduation.

Because these numbers steadily increase from year to year, it is obvious that the cost of college is becoming a growing burden for incoming students. Attending college for many high school seniors seems like the natural progression in life, but where is the explanation of what life is going to look like after their four years are up and



Average Student Loan Debt vs. Inflation 2003-2017 (Federal Reserve Bank of St. Louis)

# Bryant's Archway Investment Portfolio

## Weekly update:

Calum Daly

Archway Investment Fund Executive Committee:  
Reporting Chair

With a balance of \$1,278,148.02 to begin the week, the fund finished with a change of 1.57% and a week end Fund Value of \$1,298,264.35.

Being a benchmark fund we look to the S&P 500 to evaluate our performance. The S&P realized a return of 1.75% putting the Fund's alpha as -.18%.

Our holdings Toro +5.13%, Skyworks Solutions Inc +5.07%, Union Pacific Corp +4.59%, Apple Inc +4.36, and Graphic Packaging Holding Co +4.33% were this week's fund winners.

### Weekly Fund Performance

|                     |                 |
|---------------------|-----------------|
| Week Ago Fund Value | \$ 1,278,148.02 |
| Current Fund Value  | \$1,298,264.35  |
| Weekly Change       | 1.57%           |

All prices updated as of 2:18 pm 02/27/2018

## Archway's weekly performance:

### Weekly Winners

|   |                              |       |
|---|------------------------------|-------|
| 1 | Toro Co/The                  | 5.13% |
| 2 | Skyworks Solutions Inc       | 5.07% |
| 3 | Union Pacific Corp           | 4.59% |
| 4 | Apple Inc                    | 4.36% |
| 5 | Graphic Packaging Holding Co | 4.33% |

### Weekly Losers

|   |  |        |
|---|--|--------|
| 1 | Buckeye Partners LP                            | -5.45% |
| 2 | DR Horton Inc                                  | -3.03% |
| 3 | PowerShares S&P SmallCap Consumer Staples Port | -1.91% |
| 4 | Tyson Foods Inc                                | -1.06% |
| 5 | Equinix Inc                                    | -0.92% |

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



## Why is there a Star Market across the highway?

Lloyd Ellison  
Staff Writer



### Star Market above I90 (DOT)

Every time I head home, I drive on I-90 right through Newton. Each time I look up over the highway, there is a giant concrete building which reads "Star Market." I always ask myself two questions after seeing this sign: why was this built and why isn't the whole U.S., or at least Boston, not built completely in this way?

This is a product of Imminent Domain, which is when the government seizes land for a purpose such as border security, or in this case, building a giant interstate highway. Star Market had originally used the land as their parking lot. The highway was controversial because it split Auburndale and West Newton from the other neighborhoods in Newton. The community and Star Market debated this issue for some time, but in the end, the Turnpike Authority won the battle. In this process, the owners of Star Market were given the air rights over the highway, and they gladly built this concrete monstrosity across this six lane highway in the 1960's.

At the time people viewed it as the

future because while the highway may have separated neighborhood centers, this building could be the connection between the two. Unfortunately, that never happened. What was once touted as the future, something that would create "space races" above highways, stands alone and it appears it will stay that way for the future. Surprisingly, Star Market was not the only business to do this. The Prudential Center also sits on top of I-90. The dream of the building over ugly highways and reuniting communities never died, and it has manifested itself in many different ways. In the 1980's, planning for the Big Dig arose and it, too, planned to take over the highway. Instead of building over it, they went underground so that the land above could still be used, and it made a significant difference.

But what is the reason these don't exist everywhere? It is very hard to tell. When the highway system was first built, cities welcomed them as ways to fix overpopulation, but did not quite consider the divisions highways create compared to normal roads. In America today, almost every major city has highways that pass straight through the middle, and Boston is one of the few areas that has tried to mitigate the issues that have risen from this. Hopefully one day someone buys the air rights next to star market and starts the "space race" once more. Now, Star Market stands alone in its innovation to fight neighborhood separation.

## Supply chain for cobalt

Dereck Murray

Bryant.U. Supply Chain Newsletter

Cobalt, a hard metal with a high melting point, is one of the most important elements comprising lithium-ion batteries, which power our smartphones, laptops, and electric cars. Like any resource, cobalt is scarce, but the problem that battery manufacturers face today is more of a question of ethics than of an overall shortage. According to Visual Capitalist, 55.4% of cobalt production comes from the Democratic Republic of the Congo, a country that faces severe human rights issues and is ranked 176 out of 184 on the Human Development Index. As the demand for electric vehicles rises, businesses and consumers are depending on the DRC to provide high volumes of cobalt, but questions of ethics and a lack of supply chain transparency have recently complicated the process. UNICEF estimates that up to 40,000 children as young as seven years old are involved in

the trade, working up to 12 hours a day and earning about \$2 per day. Companies like Apple and Tesla have denounced these human rights violations, and in April of 2017 Apple announced that it no longer purchases cobalt mined by hand from the DRC. Many other companies pledge to take similar action, but some have not been clear on their status, possibly due to a lack of transparency.

The Washington Post reports that the presence of armed guards in the DRC and an undocumented trading process have made it very difficult for these companies to pinpoint where exactly their cobalt is coming from. As more companies are expected to look elsewhere for sources of cobalt, the pressure is on for other potential suppliers around the world. Electric car manufacturers, in particular, will need to improve communication within their supply chains in order to meet growing demand.

## The importance of return policies

Jonathan Gorski

Bryant.U. Supply Chain Newsletter

How often do you research a company's return policy before purchasing a product? According to the NY Times, the recent Harris poll showed that ninety-one percent of interviewed consumers viewed the return policy of a store as significant when it came to their purchasing decisions. The recent controversy surrounding L.L. Bean has shed light on this increasingly important topic. L.L. Bean's satisfaction guarantee was a fundamental component of their brand. Their decision to reduce the timeframe for returns down to twelve months has received a great deal of criticism.

Why does any of this matter? Two main reasons: return policies have become essential to doing business online, and a lenient return policy can increase

both sales and costs. With e-commerce growing at astonishing rates, returns are also increasing because people have not yet gotten to try the product on or see it in person. Since they have not had the opportunity to do their due diligence, many look towards the return policy for reassurance before purchasing the product. Therefore, a lenient return policy that favors the customer will increase sales; however, it will also increase costs such as shipping due to larger quantities of returns. I do wonder how large retailers will adjust to these rapidly changing conditions. The answer may very well lie in more technological advances that minimize the possibility of returns, such as apparel fit predictors and quick deliveries with tracking devices. No matter the solution, one thing is abundantly clear: a good return policy can give businesses an edge over their competitors.

Interested in business? Like to write? Send in a business article and get published! Send articles to [archway@bryant.edu](mailto:archway@bryant.edu)

## Bryant swimmer suffers stroke after meet, community rallies to support

Nicholas Karangekis  
Contributing Writer



Nicole competes for the Women's Swimming and Diving Team (Nicholas Karangekis)

On Thursday 22, 2018, just hours after competing in her last Northeast Conference Swimming Championship, Bryant Bulldog and Senior Captain for the Women's Swimming and Diving Team suffered a stroke after her second day of competition. Nicole amazingly dropped 19 seconds off of her 500 Freestyle event, and jumping from 18th place, to third where she was set to compete at finals that evening.

For those of you who do not know Nicole, she is a talented student, and decorated member of the Bryant Bulldogs swimming program. As a Junior and Senior, Nicole was the co captain of the Women's team, taking the program to new heights. This weekend marked the first time in program history that the Lady Bulldogs won the conference championships. Nicole's teammates swam with perseverance, resilience and courage as they knew that Nicole would expect nothing less. "Our first ever championship was special and very bittersweet," head coach Katie Cameron said. "These women are such an inspiration to every women's team out there. They swam with so much heart, passion and resilience. They swam the way Nicole has attacked everything in her life. Nicole has helped mold our program so that we could get this first ever championship. She was with every Bulldog every lap of the way."

Nicole is still currently in the ICU, but is making amazing strides back to her full health. She is expected to be in the hospital for another four weeks before a transfer to a rehab facility is even an option. She has had her family and friends at her bedside around the clock, cheering on her miraculous gains and supporting her through unfortunate setbacks. This tragic event has rattled the Salzano family, members of the Bryant University Community, and members of the swimming world, however, this family remain firmly optimistic in her recovery. Nicole has a very long road ahead for her, but she is a fighter. She is strong and is already showing her doctors, friends, and family how determined she truly is.

Her parents, Jim and AnnMarie, as well as her sister, Nina have suddenly had to put their lives on hold. In this time of pain, hurt and confusion, medical bills should be of the least concern. Nicole's family has started a GoFundMe page in an effort to ease this financial burden for her parents. Please Find the link to that page below and join Team Nicole.

<https://www.gofundme.com/teamns>

Bryant Athletics is encouraging students to attend the Men's Lacrosse game Saturday March 3rd where there will be a group photo taken to show support for Nicole. There will also be an opportunity to make poster boards to show her support after the conclusion of the game.

## Benefits of participating in club sports

Lydia Paglierani  
Contributing Author

There are many misperceptions that come with being on a club sports team. Most commonly, it is thought that members on the team aren't looking for the intensity or competitiveness that a varsity team would have, or they were not good enough to be part of a Division I sport. While both may hold some truth to them, there are many beneficial things that come out of being a part of a club sport in college.

Club sports have great leadership opportunities

Most club sports have some type of governing body of students that makes the overarching decisions that include debating finances/budgets, coordinating travel plans, organizing fundraisers, ordering uniforms and gear, recruiting new members, and much more. Besides having a coach to guide and improve your skills in that sport, the team members are responsible for the majority of issues and conflict that may arise for a variety of reasons. All club sports do have a coach that directs and guides the students in their decision-making process, with that being said. This gives students an opportunity to become part of a leadership group and share ideas while working with others who have the same goals in mind.

Being on a team over time teaches important life skills

Some of the more obvious advantages to being on a club sports team is that it teaches its members commitment and time management. If you commit to a team, you automatically have expectations from your coach and team members that you will show up for practice (on time), push yourself to new limits, and support teammates. With practices being held at various times for different teams, which can be anytime from 5:30 a.m. to 9 p.m. as well as a dedicated lift time, it forces team members to structure



Ice Hockey is one of many club sport offerings at Bryant! (BryantBulldogs)

their schedule and make sure they follow through with their academics. This, in turn, carries over to day-to-day tasks later on in life and becomes especially important when entering the "real working world".

Learning to balance your time

In addition to balancing time, a Club Sports member must learn to balance a social, athletic, and academic life. In most cases, the social aspects come with just being on the team that spends every day together (and most weekends once they're in season) and shares the same love/hate for the sport. Club Sports can be very time consuming not only because of practices and games/tournaments, but also because of time spent traveling, fundraising, and planning for upcoming events. With all of this, however,

you are getting exercise that has countless benefits in itself for your mental and physical health.

Increased level of school spirit

While a club sport may not have the privilege of being given Bryant varsity gear to show their pride, they still show their sense of pride through hard work. When a team is doing well in their tournament, game or race, there is a sense of excitement, pressure, and motivation that comes with that. It forces the individual to reach new limits for the purpose of their team performing well, as well as representing their school in a positive light. Not only does this make the team collectively feel confident at their next competition, it allows the individual to feel accomplished and satisfied with themselves.

**CONGRATS TO WOMEN'S SWIMMING & DIVING for their FIRST TITLE in program history!**

# Recap of NBA All-Star Game 2018

Ryan Aravind  
Contributing Author

This year's NBA All Star Game in Los Angeles proved to change the landscape of future all-star games moving forward. The changes that were made to the game this year were drastic compared to previous years. The top two players from both conferences that received the most votes from the fans would be nominated to captain a team rather than conferences facing off against each other. LeBron James and Stephen Curry were nominated as captains who would then draft their teams based on the remaining all-stars from both conferences. On top of that, the winning team would receive an incentive of \$100,000 per player while the losing team gets \$25,000. Throughout social media, numerous fans believed that Team LeBron would easily win the All Star game before the game had even started. Team LeBron consisted of the better big men in the league such as Anthony Davis, Demarcus Cousins, Andre Drummond, and Kevin Durant. Having the best 1-2 combo on their team, Team Stephen focused primarily on selecting great shooting with players such as Stephen Curry, James Harden, Klay Thompson, and Demar DeRozan.

The start of this game was rather strange compared to the previous games in the past where defensive plays were made in the very early minutes. LeBron James was determined from the beginning to make a defensive effort with a massive block of Giannis Antetokounmpo from the paint. Not only was James playing intensely on defense, but he all-around wanted to be the best player on the court as many fans see him as. James from the get go was determined when he went on the fast-break and immediately made a smooth bounce pass alley-oop to Anthony Davis to bring fans out of their seats within the first three minutes. The first quarter of the game was tightly contested throughout the majority of the quarter until Team Stephen sparked an offensive rally to close out the first quarter at 42-31. Team LeBron was having issues scoring from behind the arc as Team Stephen effortlessly hit three pointers from James Harden and Klay Thompson. The first quarter was more low scoring than last year's game where 101 points were scored combined compared to 73 points which emphasizes how defensive minded the players were.

The beginning of the 2nd quarter was yet another rally from Team Stephen in which they increased their lead to 15 points around the 10-minute mark of the quarter. However, Team LeBron would then go on a 16-2 run within the next 2:36 which included back to back threes from James and Kemba Walker alley-ooping it to LeBron James. The reverse effect happened to Team Stephen as they struggled to hit the majority of their shots which were predominantly threes as Team James capitalized on their mistakes. The surprising takeaway from the end of the quarter was the half-court press that Team LeBron used which forced turnovers from the other side. The score at half-time had Team Stephen leading 78-76 which gave fans a game that brought excitement throughout.

Team LeBron started the 3rd quarter with firepower from LeBron James with the right to left hand layup through traffic and also a ferocious dunk that nobody wanted to defend. TNT, who covered the game, would display the major statistics from the game so far with Team LeBron making 51% of their shots compared to Team Stephen at 43%. Both teams had made 13 threes, despite Team Stephen attempting more three pointers. However, Team LeBron fouled Team Stephen which forced them to shoot free throws. Detroit Pistons Center Andre Drummond was impactful in the quarter with numerous dunks as the game became a 100-97 Team Stephen. The third quarter closed with Team Stephen pressing the accelerator as Stephen Curry was struggling from behind the line throughout the game. However, his play from within the paint where he pump faked the defender and pulled a euro step floater was the spark that they needed to close out the



Changes in format made the NBA All-Star Game a more entertaining affair (CBS News)

quarter at 112-109.

The final quarter looked like a runaway as Team Steph was bound to win as they had a 13-point lead with 6:36 left in the game. From that point onwards, Team LeBron was playing tight man-to-man defense to give themselves a chance to win. They closed the gap to 5 points as Paul George and LeBron James came in with clutch shots. The close of the game consisted of back and forth scoring from both sides with Russell Westbrook getting an and 1 to make it 139-140 and then Antetokounmpo euro stepping to finish the dunk to make it 139-142. LeBron James down three points with less than two minutes left steps back behind the arc to tie the game at 144-144. Team Stephen would then shoot free throws as DeMar DeRozan would make 1 of 2. James would lay the ball on the next possession to give his team the lead by one. The next play, DeMar DeRozan would drive to the hoop to later throw an outlet pass in the corner that went out of bounds. As soon as the ball went out of bounds, Team LeBron takes the ball and throws a deep pass to Westbrook who lays it in on the right side to make it. With 10.7 seconds left in the game, Team Stephen inbounds the ball to Embiid who gives the ball off to Stephen Curry who dribbles it towards the right corner three. Curry tries to get a shot off, but is double teamed by both James and Durant. Curry passes it to DeRozan who is in the corner about to shoot the ball until Durant puts his hand in his way. DeRozan attempts a 360 degree stepback three that does not get off in time and Team LeBron celebrates as if they have won the NBA Championship. The final score of the game was 148-145.

# The resurgence of the Boston Red Sox

Austin Carneiro  
Contributing Author

After the retirement of David Ortiz, the Red Sox have been playing without a home run hitting threat in the middle of the lineup. In the 2017 season they placed second to last in team home runs. However, they have still been a successful team with this recent lack of power in the lineup with back to back division championships, yet they have only won one playoff game.

During this offseason the Red Sox are looking to take the next step to becoming a true contender for the World Series Title. The signing of a true power threat that could anchor their lineup and intimidate opposing pitchers. That man is J.D. Martinez. He boasted an impressive 45 home runs in just 119 games last year. To put that in perspective the home run leader, Giancarlo Stanton, hit 59 home runs in 159 games. The Sox have signed him to a 5 year, \$110 million contract and are waiting to finalize it after J.D.'s physical. This is the type of player that the Red Sox need to get them over the hump. He may not be the "big star" name or have that "sex appeal" to the fans that most franchises need, but he has quietly been a top hitter in the M.L.B. the past few seasons.

To fully comprehend the talent that is J.D. Martinez, an in depth analysis of his recent stats must be done. Over the course of the past four seasons, he hit over .300 three times, which is an all-star caliber batting average. In comparison to the Nation League M.V.P. (most valuable player, Giancarlo Stanton) from last year, Martinez had a higher slugging percentage (total bases/at bats), batting average, and OPS (on base percentage + slugging percentage). All of these stats are critical when determining how valuable and talented a hitter is during the season. And he did this in 40 games less than the M.V.P. due to injury. The Red Sox had other options before offering J.D. Martine this hefty long term deal.

Giancarlo Stanton was rumored that he might have been traded to Boston at the beginning of the off season. This had Boston fans salivating over the possibility of



J.D. Martinez will certainly help push the Red Sox back to the World Series (John Minchillo)

Stanton smashing home runs at Fenway Park, which is arguably one of the best parks for righty power hitters. But when he was traded to New York, the Red Sox's biggest rival, Red Sox fans were not only crushed but angered by the deal. Many thought Stanton was the Sox's saving grace and he was going to lead them down the road to a championship. Now that Stanton belongs to the Yankees, Martinez seems to be the Sox's only hope in their effort of finding that power hitting anchor for their lineup. To the casual fan Stanton seems to be twice as good as Martinez,

but over the course of the past three seasons Martinez has a higher average, on base percentage, and roughly 200 more at bats as well. Martinez may not be the reigning M.V.P. but he certainly is an elite hitter in the league and he has the numbers to show for it.

This season is going to be filled with excitement and fans are hoping for a resurgence of the New York Boston rivalry with the new additions of power to both teams. It is going to be a heated race for the division title as both teams look to compete for the next World Series title.

## Week's Best Tweets

"And the Bryant women's swim & diving team win the NEC championship for the 1st time in Bryant history. What an accomplishment. Go lady dawgs." -@BryantUprez

"WSOC: Biggs announces addition of O'Brien Heidelberger to @BryantWoSoc coaching staff"-@BryantAthletics

"WSWIM: Join Team Nicole. #NS" - @BryantAthletics

"Cam Ziegler, Jillian Rice named @NavigantCU Student-Athletes of the Week!" - @BryantAthletics

## This Week's Scores

Women's Swimming & Diving- February 24th  
NEC Championships  
1st Place Finish - 793 points!

Baseball- Game February 23rd  
Auburn 15  
Bryant 7

February 24th  
Drake 8  
Bryant 0

Auburn 3  
Bryant 1

Softball- Game February 23rd  
Bryant 5  
Fordham 3

Drake 13  
Bryant 0

February 24th  
Bryant 8  
South Fla. 4

February 25th  
Bryant 4  
South Fla. 1

Women's Lacrosse- February 24th  
Bryant 16  
Albany 6

Men's Basketball- Game February 22nd  
Sacred Heart 94  
Bryant 84

Farleigh Dickinson 87  
Bryant 83

Women's Basketball- Game February 24th  
Robert Morris 67  
Bryant 61

February 26th  
Saint Francis U. 94  
Bryant 78

Men's Tennis- February 25th  
Bryant 4  
Army West Point 3

Men's Lacrosse- February 27th  
Boston University 8  
Bryant 7

Women's Tennis- February 22nd  
Boston University 7  
Bryant 0

# Danny Amendola

*Presented by SPB*



*Photos by James Imrie*

## Stoneman Douglas High School shooting

Ryan Strik  
Contributing Writer

The time has come again when we must view the same headline on our televisions; when we are drawn to the same horrific images that have stained our eyes 18 times already in 2018 - a year struggling to get through its second month.

As we witness the names and faces of the fallen, and hear the harrowing stories of the survivors, we the spectators retreat into several reactive stages. For some, it is a state of sadness, and grief. For others, it is pure shock. However, many will project a temporary shield of emotion, rendering them immune to the true issue at hand. Our goal is to reject emotional immunity. We must become angered, and impassioned, not shocked, saddened, and passive. That anger must stem from knowing one young man has the capacity to take the lives of so much innocence, in so little time.

It is our job to harness the anger and sadness, and manufacture those feelings into the desire to do substantive good.

After these seemingly regular occurrences, there is one side in our society that shifts the moral argument. They say it can't be a gun issue, because it is a mental health issue--as if a society cannot be faced with two problems. So instead, they offer only their thoughts before continuing their inaction. In the end, their words are hollow ones. They echo through the chambers of Congress, while simultaneously we see the manifestation of resolutions containing the overturning of stricter background checks, and stronger mental health programs. This is a mental health issue because these individuals do not have the proper access to the help they need. This is a gun issue because these individuals have too much access to tools necessary to cause immense destruction. Our job is not to pick and choose, but to tackle both problems, head on, for the betterment of society.



A memorial outside of Stoneman Douglas High School (NY Daily News)

There is no better time to talk about these issues than the present. Perhaps the worst thing we can do is continue to do nothing and become spectators to the unraveling of our society. In the words of Florida Senator Marco Rubio (who represents all those in Parkland), "we cannot allow our fears and our disappointments to lead us into silence and into inaction. Because this country that God has blessed us with is worth fighting for." Truly inspiring words, but meaningless when coupled with inaction.

We are currently our own worst enemy, at war with ourselves. It is a fight that will ultimately continue us down the road on which we have been traveling: one of death, carnage, and the turning of blinded eyes.

We as Americans and responsible members of the human race must find the will to turn thoughts into ideas and prayers into meaningful action. This is not a feat we can accomplish as societal factions show varying messages within society. In the words of the Dalai Lama, "in order to carry a positive action, we must develop here a positive vision." We must recognize that we can live in a better society, where we value our rights granted in the second amendment and recognize their limits. A society where we value and care for those who struggle with complex mental health affairs. Most importantly, a society where human life is valued above all else.

We must recognize that it doesn't have to be this way. We don't need to live our lives under the dominion of fear.

## On the mass killings: it is time to change the debate on "what needs to be done"

Keith Murray  
Professor of Marketing

Whenever there is a mass shooting the mass media goes wild. Indignation about regulatory, political, and the public's indifference to a sweeping gun ban "solution" is loud and clear. It is argued as patently obvious to an enlightened few that America is in deep denial that "something needs to be done" to stop the pointless deaths that make front page coverage.

Despite the unspeakably horrible tragedies in Parkland, FL, Sutherland, TX, Las Vegas and others, for the most part the press turns a selective and blind eye to what else, even more awful than mass shootings, threatens much of human life and tranquility in this country—and doing so by a wide margin. Here's the simple reality—but one the media has no particular appetite to focus on—that in the U.S., the equivalent death toll of 12 Florida school shootings occur daily—over 1,400 deaths every week of the year.

Indeed, the media and anti-gun zealots are comparatively silent on protecting citizens who are helplessly preyed upon by severe traffic injuries and fatalities from DWI drivers. For starters, every day there is a loss of life the equivalent of two FL shooting incidents on the streets and roads in the U.S. as a result of reckless individuals driving after consuming a legal beverage and then operating a properly licensed vehicle with the capacity to kill. According to the Bureau of Transportation Statistics, 13,365 deaths occurred in 2015—while their dead bodies are not strewn on the same sidewalk, that toll corresponds to

36 people slaughtered each day, twice the Parkland calamity.

If safeguarding citizens from one another is really the issue for good people to rally around, an even more preponderant risk to tranquil life in America comes from the threat of gruesome deaths attributable to illegal drugs. By the reckoning of the National Institute of Drug Abuse, more than 64,000 Americans died last year from illicit drugs; that's the equivalent of 10 Florida shootings and more than a triple hit of Las Vegas sniper proportions—every day of the year—affecting thousands of families and friends in the process, propagated by an entrenched underworld industry. Again, the dead bodies can't be photographed or buried together, but the pitiable deaths are nonetheless real.

Despite these enormous killers, the media and anti-gun zealots are, again, quiet—no outrage that "we must do something" for what amounts to a much larger collection of victims and their families. A call for sweeping suppressive steps isn't seen or heard. Instead, it would appear that anti-gun zealots care almost exclusively about eroding and, ideally, banning public ownership of firearms by ordinary, law-abiding citizens, not fundamentally protecting innocent lives.

It is only after events like the tragedy in Parkland or Las Vegas, that anti-gun extremists and public figures decide to posture so predictably in the media spotlight, wringing their hands and extolling their pat-but-flawed remedies—for what they consider a particularly serious public safety problem. What gets overlooked with all the fretting is how selective their concern is and how

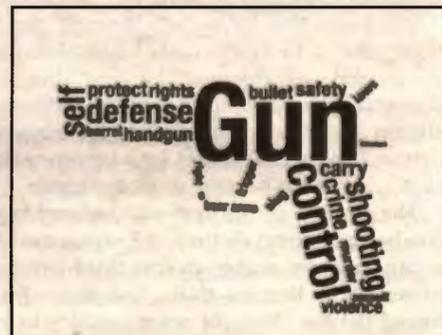
insufficient their proposed remedies really are.

The enthusiasm of anti-gun proponents seems especially misguided when the fact that in the last 20 years, American firearm owners have accounted for a tiny fraction of the violent crimes, compared to the general population. Findings from the Center for Disease Control underscore this reality: As guns in the population have increased by slightly more than 50%, the number of violent crimes involving firearms has decreased by the same proportion, from 7 per 100,000 to 3.6 per 100,000. A recent study in the City of Pittsburg found that nearly 80 percent of guns used in crimes are stolen or otherwise not owned by the perpetrator.

Thus, it is an enormous irony that there is such manifest media zeal for limiting or banning firearms, when bans, severe restrictions, police enforcement, and serious prison-time have been far from adequate in curbing other threats to public welfare. Cities like Chicago and Washington, D.C., where gun rights are most restrictive, have the highest crime rates, a perfect testament to the futility of bans, regulations, and restrictions to gun ownership by good people.

Americans have historically demonstrated a strong distaste for banning stuff, including alcohol, drugs, and guns. Simply put, legislative measures don't work despite laws and the threat of incarceration for things Americans want to legally buy, own, and consume. For thoughtful people in a free society, it would pay to ask two key questions.

First, why does the media selectively, grindingly want to take firearms out of the



(Odyssey)

hands of law-abiding citizens, when the threat to the national tranquility comes from other causes far more compelling and burdensome? And second, why do so many anti-gun screeds foolishly call for bans and legal restrictions on firearms when extant restrictions and legal prohibitions on other more immediate and pervasive dangers to public serenity are largely ineffective in hitting their intended targets? To either of those two questions, the media and anti-gun zealots have no reasonable, evidence-based answers.

Understandably, it is particularly attention-arresting and compelling when mass-shootings occur; however, there is no logical, persuasive reason to selectively overlook the daily and greater public threats from other mass-killers simply because their victims' dead bodies are geographically dispersed. Furthermore, there is no good reason to believe that the tired remedies proven inadequate to quell these greater stalkers of public safety will magically "work" against the misuse of firearms in the hands of a few devious people.

# An endangered republic? Not so much

Michael Troy

Contributing Writer

As we traverse through yet another year on this Earth, many in the media would have us believe that the world is on the precipice of destruction. Nuclear war, climate change, and the rising power of rival nations China and Russia are some of these threats. According to this narrative, America is beleaguered on all fronts: teetering ever closer to the edge. I would like to refute this doom and gloom mentality, and point out to everybody that it would be foolish to write off America.

First, let it be established that while America has been threatened before, the issues we face today pale in comparison. There have been precisely three times when our nation was existentially threatened: the Civil War, the regimes of the Axis Powers in WWII, and the Cuban Missile Crisis. These three events each had the potential to destroy us. Whereas the aforementioned problems we face today, even combined, can do no more than temporarily weaken our nation.

Nuclear war, especially from the bellicose North Koreans, certainly seems imminent. Video footage in North Korea shows only marching soldiers and missiles.

Major news outlets speak fearfully of the nation causing many to believe that the North Koreans are on par with the United States. This is not the case. North Korean military power, while impressive on paper, falters in practical application. Most of the population, including its soldiers, are malnourished. Their nuclear capabilities can cripple, but not destroy the United States. Whereas our nuclear arsenal can destroy the North Korean state. This fundamental power imbalance protects us. Even if North Korea developed the ability to reliably strike the mainland, our surefire ability to counterattack and destroy them would deter them from launching a war.

Climate change is certainly an existential threat to humanity, there is no denying that. Many viewed Trump's actions of pulling the United States out of the Paris Accords as the nail in the coffin for humanity. However, the burden of restoring the Earth has instead fallen to corporations and the private sector. In many ways, this is advantageous. Governments have more red tape and bureaucracy built into them. Nobody has ever pointed to a government as a model of efficiency. Furthermore, the very sovereignty of governments limits them on this particular issue. Corporations transcend borders. Regardless of where

one lives, you can buy a Tesla to reduce your carbon footprint. The United States cannot go into China and impose on their populations. Many argue that a strong central government is the only way to combat climate change. While central government certainly has a role to play in the issue, they are the be all end all solution to this problem. Consumers are probably the most powerful group on the planet. Because we are all consumers, we have the power to insist that companies take an active role in saving our planet. Through environmentally-friendly products, and promises by companies to produce those products in the safest way possible. We can improve our planet's health together.

According to US Defense Secretary James Mattis, competition between great powers, and not terrorism, is the new focus of national security threats. Many view China and Russia set to eclipse American power any day now. However this is not the case. The reality of the situation is that Russia and China are experiencing a temporary upswing while America is experiencing a temporary downswing. However longterm, both nations are going to suffer much more than America will. China's now two-child policy has doomed the nation. The culture prefers males to

females leaving a massive gender disparity. Does anybody really believe that a large population of single, young, and sexually frustrated men lying around could possibly be good for anyone? Russia is in the same place. The collapse of the Soviet Union, led to the creation of fifteen new countries including modern day Russia. This massive population loss was the spark that is fueling a long slow decline of the Russian state. The Russians recent actions speak to this. Russian annexation of Crimea, further meddling in Ukraine, and attempting to sway our elections, are not signs of strength but of desperation. There are a litany of other problems plaguing these nations as well. But if one ever wants to really gauge the health of a country, simply look to their populations, as these are reflections of the nations themselves.

Ultimately America is not a bad off as many people think. Certainly there are pressing issues to face, and obstacles to overcome. Sometimes it can be easy to believe that everything we face is too much to overcome. But as a (hopefully bright) young college student, when I look out into the future, I see nothing but hope on the horizon for our great nation.

# A call to arms on fronts of social media

Alex Chance

Contributing Writer

We are living in unprecedented times, in every sense of the word. Down is up, up is down, and the First Amendment has been crumpled up and thrown straight into the trash. Since many believe the United States is the greatest country on Earth, Americans would of course never enact laws to censor our press. However, we would manipulate them, using our freedom of speech to call journalism that challenges our great country "fake news." We simply love our freedoms so much that we want to destroy them, so nobody else but us can use them.

This only makes sense, as society has for so long been enamored with what it would be like to live in an anarchical state. We watch films about it, such as "The Purge," and even read books about it in our education system such as George Orwell's "Animal Farm." As consumers of these mediums, we face a grave paradox. While our culture is so obsessed with dystopian thrillers, the messages of their authors, warning us of the dangers of them, are looked over. Our culture has become so obsessed with lawless societies that we decided to come up with one of our very own.

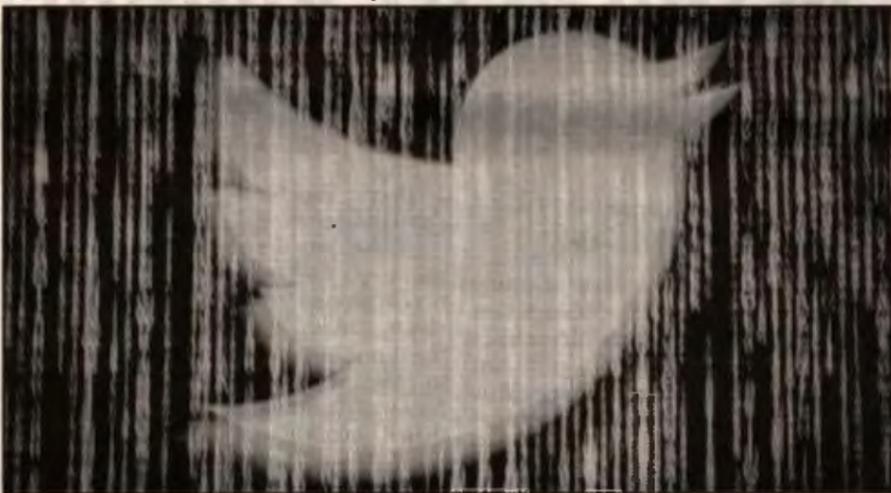
Unfortunately, this idea has not been produced into another blockbuster film, but has manifested itself onto social media sites. The scariest part of this reality thriller is that the terrorists are not easily identifiable by the horrid masks they wear. Instead, they hide behind sophisticated masks of our neighbors, friends, and even families.

We know this to be fact through the United States Justice Department's recent indictment of 13 Russians on Friday, February 16th, 2018, as reported by Matt Apuzzo and Sharon LaFraniere of the New York Times, "The Russians stole the identities of American citizens, posed as political activists and used the flash points of immigration, religion and race to manipulate a campaign in which those issues were particularly divisive." Social media sites have become places of lawlessness, as the difference between truth and lies has become unrecognizable.

The plotline of this dystopia thickens as American citizens continue to deny that we have become direct victims of Russian meddling. The well-being of this country is truly in danger as we engage in this third-person effect of believing that it was only others influenced by Russian trolls. It is our culture to not face ourselves in the mirror, and instead believe "It could never possibly be me! I am an American, and therefore I am immune to anyone infringing upon my freedom!"

We, those who value our right to bear arms above all things, are laying down the only weapons that matter. These are the weapons of knowledge provided to us by our free press; the weapons that can truly lead us to defend ourselves against the real threat of cyber terrorism. However, we lay these weapons down because they would require us to see who is at the other end of them. Suddenly, we find ourselves looking down the barrel. We are the ones shooting ourselves in the foot as we cry "fake news" toward journalists looking to save our country.

Those who come armed to political debates with their anti-establishment guns 'a blazin', fire bullets engraved with "fake news" straight through the First Amendment of our Constitution. Journalist are left in the cross fire, taking bullets for us in hopes that we will one day arm ourselves with the knowledge they provide us. For the sake of our constitution is what we send our troops overseas to take real bullets for, not the sake of nationalistic ego. Therefore, we need to lay down our nationalism, and take back our freedoms with the arms of knowledge.



(Nurphoto/Getty Images)

# You ask Archie, and he will answer you

Archie Way

Expert Opinion Giver

1. What are the top ten things I should do before graduating from Bryant?

I proceed this answer with a disclaimer: some of these things may or may not get you in trouble, but I would still consider them ten of the top things to do before graduating at Bryant. The ten things, in no particular order, are as follows: go chair racing in the Unistructure, walk on the pond when it's completely frozen, ride in a DPS golf cart, attend a musical concert on campus from one of our many music groups (or the Spring Music Showcase), attend a Bryant Players performance, participate in the fun activities SPB plans during Spring Weekend, fly paper airplanes in the Unistructure, take a picture in front of or

inside the globe by the campus entrance, go to a Bryant baseball game in the Spring, and finally, get a picture with Bruce!

2. Does Archie like dark or light meat on Thanksgiving?

Well on Thanksgiving, Archie is not exactly picky because meat is meat. Personally, however, I would have to say I prefer light meat because it's not as fatty and it tastes better in my opinion. An added benefit of light meat is that it's really the only turkey meat that one can purchase in supermarkets after Thanksgiving, so I can get a turkey fix even after Thanksgiving!

3. How was your Valentine's Day?

My Valentine's Day was honestly a lot of fun! My housemates and I all had a great time playing Mario Kart

and Super Smash Bros., before we watched some of the Olympics before shifting to a rousing game of indoor basketball and just general chatting about various life-related matters. I realize that this might not be the kind of answer you were expecting, but one thing I realized about Valentine's Day this year is that love manifests itself in all sorts of mediums. Valentine's Day does not necessarily need to be spent solely with a significant other. In the way of Leslie Knope and her famous Galentine's Day on February 13th, there's really nothing wrong with spending Valentine's Day as a group of friends, something I've come to fully realize this year. And so, through this life lesson, I guess we can say that my Valentine's Day was awesome!

Ask Archie your questions by emailing [askarchie@bryant.edu](mailto:askarchie@bryant.edu)!

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

## Protein powders and bars; right for you?

Thomas Maranian  
Variety Editor



Protein can be expensive these days, so ensure you stick to well researched products such as Quest Protein (4FrontNutrition)

The dietary supplement industry has been steadily growing over the past few years. Why? Because they do such a good job marketing their products. The question remains: should you get involved or stick to natural foods? You have to first understand that protein bars and powders are supplements to your diet. They are not a magical solution to getting into shape. When it comes to body composition, there is no magic involved. The biggest mistake people usually make when buying them is using them in the wrong way. Just because you add 25g of protein to your daily intake, it does not necessarily mean you will see muscle growth or weight loss. If your diet is not in check and is far from optimal, all you will get out of these supplements is unwanted weight gain.

Let's examine what will happen with the misuse of these supplements. For example, if you are required to eat 2,200 calories and maintain an intensive weight training schedule in order to gain muscle, but instead you eat 2,500, skip the workouts, and you drink protein shakes daily, you are going to gain fat, not muscle. Calories in and calories out will always define how much you weigh. From there, how nutritious the foods are that you eat will determine the way your body looks at any given weight.

If you are just starting out, and you are lifting relatively light weights, there is absolutely no need to buy \$50 worth of protein supplements. However, if you have been consistently training for several months or years, then you probably should take them. The whole point is to meet a certain amount of protein intake each day. For some bodybuilders and consistent weight lifters, these supplements are an easy and efficient way to meet their goals. Getting 200 or 300 grams of protein per day can be a challenge, therefore using supplements alleviates that struggle. But if you are a beginner, you must know they should only be used if you are consistent with your diet and training schedule.

Just as procrastination is the thief of time, inconsistency is the thief of diet.

If you plan on taking supplements alongside eating unhealthy foods, save yourself the money. You cannot expect to get into better shape and gain muscle by pairing those two together. At the end of the day, by doing this you would simply be throwing away hard earned money. Additionally, don't cheat yourself into thinking you need them. If you notice you are relying on protein powders and bars, there is something wrong. You should buy them to aid your progress and not to control it.

Now, if your diet is in check, there are many benefits to these supplements. In fact, they are the foundation for proper muscle growth. You may find taking supplements to keep you accountable in your diet. All the hard work you put into your meal planning and training may allow you to see the importance of sticking to a clean diet. Many powders are low calorie, making for quick and nutritious post workout meals. The same goes for bars, though with them you have to be careful for the hidden ingredients. Most protein bars are filled with unnecessary and unhealthy sugars that will hinder your goals. Make sure to read the labels before you make the purchase. Always remember, if you don't know what an ingredient is, look it up. If you find it's simply another hidden sugar, chances are you may want to rethink which brand to buy. RxBars and Quest Bars tend to be some of the best options these days.

However, bars can sometimes be dangerous. Some of them are nothing more than candy bars with a small amount of added protein. Others are simply way too calorically dense. Your optimal bar should be right around 200 calories. Anything over 250 is a trap. Those types have significant added sugars and unhealthy ingredients that will end up compromising your progress. If you are questioning whether a bar is right for you, look up the ingredients and brand before you make the purchase.

After working out, it is essential to get a good source of protein in your body. Powders and bars make a quick meal and a filling one. Whole foods take longer to digest and break down the protein for your muscles in comparison to the 30 minutes or less that powders take. They are an optimal source of quick digesting protein that will surely aid your muscle growth.

If you are trying to lean out while gaining some substantial muscle, and if you are in a caloric deficit, then incorporating a protein shake or bar into your diet is optimal. As long as that deficit exists, you will achieve your goals. For example, if your caloric deficit to lose weight is 1,500 calories, you take in 1,500 calories per day including the shake or bar, and you train consistently, then you are feeding your muscles that extra protein it needs to expand.

The great thing about powders is that they can be added to other things besides shakes. If you love oatmeal, take a scoop of whey and mix it in. It makes for a very delicious meal. You can make your own protein bars with powder. Simply mix it in with bananas, a serving or two of peanut butter, oats, and your favorite nuts, and freeze it for a few hours. Compared to the price of bars in stores, you will be saving a lot of money this way. You can also make protein pancakes, or waffles in a similar fashion. All in all, when mixed with the right foods, they can be very mouthwatering and something to look forward to after an intensive hour in the gym.

Before starting, you should ask yourself whether you can get all the benefits of supplements without actually using them. If you have access to the proper foods and the right amount of them, you don't actually need supplements. They are simply a convenient way of obtaining what you may not be able to on a regular basis. If you are in need of a quick filling meal on the go, then take a protein bar with you. But do not expect results unless you are using them properly. Pairing an unhealthy diet with supplementation is a waste of time, money, and effort. Pairing a healthy diet with supplementation is a sure way to aid in your progress towards the body you want. The supplement industry is very expensive. You will only be helping yourself to know whether they are right for you. Ask someone you know that uses supplements to help you out. But be careful not to buy a product just because your friends are. Everyone's diet is different, and everyone has their own goals to meet.

## Michelle Alexander's *The New Jim Crow*

Evan Butler  
Contributing Writer

February is Black History Month. Black History month is a time to remember great African Americans, like Martin Luther King Jr. Rosa Parks, Malcolm X, Frederick Douglass, Maya Angelou, Jackie Robinson, and so on. It is also a time to reflect on the current state of the black struggle and continuing the advancement of civil rights.

Michele Alexander's *The New Jim Crow*, contends that mass incarceration is metaphorically, the new Jim Crow. Mass incarceration of black men exploded in response to the war on drugs. Alexander believes that mass incarceration has been the result of harsh drug penalties as a tool to keep minorities in a perpetual cycle of political, economic and social marginalization. How does the government wage this war on drugs? And if an equal percentage of African Americans and whites use drugs, why are blacks three times more likely to be arrested for drug possession? And why are 75% of those in prison for drug possession black or Latino?

The war on drugs was started by the government to "clean up the streets," and take down drug kingpins. It was used as political rhetoric to win elections by Nixon, Reagan, and Clinton, and both Bush's. No politician wanted to appear "soft on crime". But the reality is that the war on drugs fought drug users and street drug possession. Meaning, the war on drugs did not target drugs that rich people use like powder cocaine, prescription pills and designer drugs. The war on drugs targeted marijuana, and

crack cocaine users by giving possession of these street drugs harsh mandatory sentences. Police patrol poor black neighborhoods and "stop and frisk" laws granted police the power to stop anyone for anything and pat them down. It is common for police to pressure a suspect into giving them consent into searching them.

To enforce the war on drugs, Alexander says that, "The Reagan administration gave huge cash grants to law enforcement agencies that made drug law enforcement a top priority." Law enforcement agencies wanted that free federal money, and the government made it easy to enforce drug laws by militarizing police departments. Alexander states:

"The National Journal reported that between January 1997 and October 1999, the agency handled 3.4 million orders of Pentagon equipment from over eleven thousand domestic police agencies in all fifty states. Included in the bounty were "7,856 M16 rifles, 181 grenade launchers, 8,131 bulletproof helmets, and 1,161 pairs of night-vision goggles."

In 1986, congress passed the Anti Drug Abuse Act, which established harsh mandatory sentences for possession of crack. A first time offender of crack possession could receive a mandatory sentence of 5-10 years in federal prison. Most of the people arrested for crack and marijuana possession are not wealthy and cannot afford a private attorney, so the government appoints them a public defender who is inexperienced and overworked. Most people do not know that most criminal cases never go to trial and result with a plea bargain. Think about it, if your public defender told you that your

case can go to trial, you will most likely be found guilty and given 5-10 years, or you can plead no contest and do 2 years. What would you do? An inexperienced attorney doesn't have skill or resources to attack the legitimacy or constitutionality of the shady practices and questionable techniques the police used to arrest drug users.

With so many incarcerated men, prisons expanded and became privatized. Prisoners are used as cheap labor and large companies contract with the federal government and private prisons to have their products manufactured in prisons. Alexander compares this prison industrial complex to slavery and it is easy to see this comparison.

Once out of prison, felons are stripped of voting rights, welfare and food stamps, public housing and subject to overbearing probation laws. Felons are discriminated against in the job hiring process and find it increasingly harder to break this cycle of poverty. Asset forfeiture laws allow law enforcement to seize personal possessions of those accused of drug crimes. The process to get these assets back is very long and very expensive. If your \$8,000 car is seized and it will cost you \$10,000 in lawyers fees to have your asset overturned to you, is worth it?

*Continued on page 14*

## Continued from page 13

When the civil rights movement began in 50's and 60's, leaders of religious congregations were the voice of the people and social organizers. In 2018 I believe that musicians, specifically rappers, are the voice of the people because of their platform and influence. Rap is the voice of urban youth and many rappers use their music to convey the black struggle. I urge hip hop artists to use their influence to be thought leaders and advocate for their communities. I would like to highlight two examples of socially charged bars from two prominent rappers. In Jeezy's 'American Dream,' J. Cole spits "White folks been getting rich off of cocaine through some underhanded methods I don't got time to explain." This was a jab at law enforcement being incentivized by the federal government to enforce drug laws. In his song 'Nothin' New,' 21 Savage raps about black struggle and felon disenfranchisement:

"Treat us like slaves then they lock us up in cages, young black and poor ain't had a father since a baby, I used to sell dope now I can't vote, poppin percocet to kill the pain I can't cope, anger in my genes they used to hang us up with ropes, civil rights came and they flood the hood with coke, breakin down my people, tryna kill our faith and hope, they killed martin luther king and all he did was spoke."

Today, we face an unsettling social climate and polarizing political rhetoric. I urge everyone to discard fiery tweets and gripping news headlines. Love your neighbor, understand his struggle. Do not let our differences divide us, but let them pull us together and learn from each other, I think that is what Dr. King meant in his I have a dream speech when he said, "I have a dream that one day in Alabama, with its vicious racists, with its governor having his lips dripping with the words of interposition and nullification, one day right here in Alabama little black boys and black girls will be able to join hands with little white boy's and white girls as sisters and brothers."

Interested in movie reviews, or starting your own column? Contact The Archway at [archway@bryant.edu](mailto:archway@bryant.edu)!

# "March"-ing into spring and finally saying goodbye to the winter sky

David A. Huestis  
Historian



Keep your eyes open on the first of March for an unforgettable site to be scene (WinterCircle)

March begins with a Full Moon on the 1st and ends with a Full Moon on the 31st. Therefore, like January, the second one is called a Blue Moon. Regrettably there is no lunar eclipse this time.

While we are still a couple of months away from the return of Jupiter to the early evening sky during public observing sessions at the local observatories, March does provide us an opportunity to observe our solar system's two innermost planets to the Sun. I'm talking about Venus and Mercury.

At the beginning of March these planets will be visible in evening twilight just above the western horizon after sunset. Venus will be the brighter of the two objects. On the 3rd Mercury will be about one degree (two full moon diameters) to the right of Venus. Each evening, they will rise higher into the sky, though Mercury will very noticeably increase its separation from Venus rather quickly as they do so. On the evenings of the 16th and 17th Mercury will be at its highest elevation above the horizon. Then on the 18th a waxing crescent Moon, will complement the Venus and Mercury sky scene. Each evening thereafter, Mercury will begin descending the sky towards the horizon, and will soon be lost in bright twilight. Venus will continue its ascent into the sky as the month progresses.

Through a telescope Venus will appear almost fully illuminated, like a full moon for the entire month. While Mercury will start out nearly in full phase as March begins, its phase will quickly change as it dips back towards the horizon and the Sun. By the 22nd, when Mercury will once again be to the right of Venus, his phase will look like that of a waxing crescent Moon.

An important date to remember is Sunday, March 11th. This day is when most of the United States set clocks ahead one hour to Eastern Daylight Time (EDT) at 2:00 a.m. This annual ritual is known as Daylight Saving Time. Don't forget to do so or you'll be late for any Sunday morning function.

Another important day is March 20th. At 12:15 p.m. the vernal equinox (equal day and night) occurs. Spring begins in the northern hemisphere. Since the Winter Solstice observance back on December 21st, the Sun has been steadily moving northward in our sky. On the vernal equinox if you were standing at a location on the Earth's equator the Sun would be directly overhead (zenith) at local noon. We look forward to longer daylight hours and warmer temperatures.

However, it is not too late to say goodbye to the winter constellations. It was so cold and windy this past winter that I did not spend much time observing some of the

brightest and most recognizable star patterns in the sky. In fact, the winter sky contains seven of the 23 brightest stars we can see from the Earth.

There is a huge winter sky asterism formed by combining some of the brightest stars of six constellations. It's called the Winter Circle or Winter Hexagon. Please reference the accompanying star map. Betelgeuse, though inside either pattern, is still considered part of the asterism.

Before we examine each of the stars in the Winter Circle, let's review three important terms. First, the brightness of any celestial object is called its magnitude. The basic idea is that the more negative the magnitude, the brighter the object. The more positive the magnitude, the dimmer the object is. So the Sun is  $-26.74$ , the Full Moon  $-12.92$ , Venus  $-4.89$ , Saturn approximately 0, well known Polaris (the North Star) is magnitude +2, and the naked-eye limit with no light pollution is magnitude +6. Pluto is about +13.65. (Usually the plus sign (+) is assumed and not used, but I do so in this column for clarity).

Second, a star's distance is measured in light years. One light year is equal to just less than six trillion miles. Third, the spectral classification of a star is defined using the following letters: O, B, A, F, G, K, or M, and often followed by additional numbers and letters to further refine the classification. "O" stars are the hottest while "M" stars are the coolest.

Let's start our tour of the Winter Circle with the brightest star we can see in the sky (besides the Sun of course) — Sirius. Sirius is in Canis Major, the Big Dog. Sirius shines at magnitude  $-1.44$  and it is 8.7 light years away. Do the math and this fairly close neighbor to our Sun is 52.2 trillion miles from us. For you Rhode Islanders that's much farther than Woonsocket or Westerly! Sirius is a hot, blue-white star (spectral class A0) about 1.7 times the diameter of our Sun.

Next we move northward and clockwise in the sky to locate Procyon in Canis Minor, the Little Dog. Procyon is a white star (F5) shining at magnitude +0.40 and is 11 light years distant. It's about twice the diameter of our Sun. Moving farther northward, we encounter the Gemini twins, Pollux and Castor. Pollux is 34 light years distant, while Castor is 18 light years farther away at 52. Pollux is a cool, orange giant (K0) ten times the Sun's diameter, while Castor is a hot, blue-white star (A1) only twice the diameter of the Sun. Pollux and Castor shine at +1.16 and +1.93 magnitudes, respectively.

Now we swing up and over to a constellation almost directly overhead — Auriga, where we find +1.93 magnitude Capella. While Capella (G6) is a class "G"-type yellow star like the Sun (G2), it has three times more mass and is just over seven times the Sun's diameter. Next, we proceed south to encounter the orange giant (K5) Aldebaran in Taurus. Aldebaran represents the bull's eye in the star pattern known as the Hyades star cluster (shaped like a "V"). Aldebaran, 65 light years away, is a cool star which has expanded to be just over 44 times the diameter of the Sun with only 2.5 times our Sun's mass.

Continue to swing southward in the sky until we arrive at the bottom right star representing Orion's left foot. (Please note: Orion is facing us.) This star is +0.18 magnitude Rigel, a blue supergiant (B8) 800 light years away — the most distant of the Winter Circle stars. Rigel is 62 times the diameter of our Sun and contains 17 times more mass. We now complete the tour of the Winter Circle by swinging back to Sirius.

But wait. No, I didn't forget about Betelgeuse. Betelgeuse is the red supergiant (M2) star that marks the top right shoulder of Orion. It shines at magnitude +0.45 and resides at a distance of 520 light years. Betelgeuse is also a very large star, measuring in at a conservative 950 solar diameters. If you replaced our Sun with Betelgeuse, it would extend out to the asteroid belt between Mars and Jupiter.

As you can see by this small sampling of stars that comprise the Winter Circle, stars are quite a lot like people. They are all different, but their differences make them unique and important.

The next time you have an opportunity to observe the Winter Circle, you will have a better understanding and appreciation of the scale and diversity of our stellar neighbors in this region of the Milky Way Galaxy.

While you do not require a telescope to appreciate the magnificence of the bright stars comprising the Winter Circle, when Jupiter, Mars and Saturn return to the mid-evening sky the views of these planets from the local observatories and their fine instruments will reward you with incredible images. Seagrave Memorial Observatory (<http://www.theskyscrapers.org>) in North Scituate is open every clear Saturday night. Ladd Observatory (<http://www.brown.edu/Departments/Physics/Ladd/>) in Providence is open every clear Tuesday night. The Margaret M. Jacoby Observatory at the CCRI Knight Campus in Warwick (<http://www.ccri.edu/physics/observatory.htm>) is open every clear Thursday night. Frosty Drew Observatory (<http://www.frostydrew.org/>) in Charlestown is open every clear Friday night.

Keep your eyes to the skies.

# Ask the VEEP: Your townhouse selection

Katie Hughes  
Archway Staff Advior

The Archway has teamed up with Dr. John Saddlemire, Vice President of Student Affairs, to provide first-hand information about administration, and university news and updates. In each "Ask the VEEP" edition, Dr. Saddlemire will answer questions regarding various topics. This week, we discuss housing selection. If you have any questions that you would like featured in future editions, please email Katie Hughes at [Khughes8@bryant.edu](mailto:Khughes8@bryant.edu)

*I heard that some athletic teams are being told they'll have a preferential housing selection time slots because they are being required to move back on campus. Is that true?*

This is not true. The athletes who are required to move back to campus will be entered into the housing lottery just like every other student on campus, based on their Student Classification Number (SCN), which is calculated based on the number of completed credits. This small group of athletes moving back to campus is being added back into the housing lottery based on their original cohort. Housing selection time slots are assigned based on the outlined criteria of being a complete group, combined SCN score of the group, and then a random lottery number.

*Students are saying they've heard that Townhouse J6 is currently unfilled. Do you know if that is remaining unfilled this semester? And if so, will townhouses be held back for next year?*

Townhouse J6 is unfilled this semester. At this time there is no need to open it. We're not anticipating having any Townhouse vacant next year.

*Do we know the number of Townhouse beds vs. the number of enrolled juniors intending to live on campus next year?*

We have 648 townhouse beds. At this point in the year, we don't have a complete count of rising seniors who will be living on campus next year, as we're still waiting for housing deposits to come in (Deadline is March 9th). At present, it does not look like any rising juniors (current sophomores) will be able to get into the Townhouses for next year.

*Given the number of juniors currently in townhouses, do we know if they'll be allowed to squat?*

Squatting (keeping the same housing assignment from one year to the next) has never been allowed in the Townhouses, regardless of class year, SCN, etc. The main factor in this policy is to create an equal opportunity for those in the Townhouse lottery selection.

For more information about the Housing Selection Process at Bryant, visit the Residence Life website. We've created a shortened URL of this site that you can type into your browser: [tiny.cc/bryantreslife](http://tiny.cc/bryantreslife)

## A reminder from DPS: Safe partying

DPS would like to remind everyone about the following Party Safety Tips:

- The more, the merrier. Going to parties with a group of people, especially friends, helps ensure you'll make good decisions. Better yet: Consider the "buddy system," where you keep track of one friend all night, and in turn, that friend keeps track of you
- If you feel unsafe or encounter some trouble, your charged phone can be your ticket out of a situation, whether it's calling a cab, DPS or another friend to come get you.
- Alcohol impairs judgement, so if you've been drinking and talk to someone at a party that seems nice, he or she may actually be not-so-nice. If you're in a situation that feels unsafe, get out of it.



| FAT BURNING FOODS |  |              |                 |
|-------------------|--|--------------|-----------------|
| VEGETABLES        | NATURAL STARCHY CARBS AND WHOLE GRAINS | FRUITS       | LEAN PROTEINS   |
| BROCCOLI          | SWEET POTATOES                         | BANANAS      | TURKEY          |
| TOMATOES          | BEANS                                  | PINEAPPLE    | TOP ROUND STEAK |
| CUCUMBERS         | CREAM OF RICE                          | APPLES       | CHICKEN BREAST  |
| MUSHROOMS         | HOT CEREAL                             | ORANGES      | EGG WHITES      |
| ONIONS            | WHOLE WHEAT PASTA                      | PEACHES      | FLANK STEAK     |
| PEPPERS           | WHITE POTATOES                         | STRAWBERRIES | TURKEY BREAST   |
| SPINACH           | 100% WHOLE WHEAT BREAD                 | GRAPEFRUIT   | SALMON          |
| ASPARAGUS         |  | BLUEBERRIES  | BISON/BUFFALO   |

# Ronizio

PIZZA & SUBS

Buy One  
Get One  
Slice Free  
(4-6PM)

401-531-6620



MBA PROGRAM  
PROVIDENCE COLLEGE



Learn more about  
**PROVIDENCE COLLEGE'S**  
flexible and affordable  
MBA and certificate programs.

Concentrations in  
accounting | finance | management | marketing | international business

[business.providence.edu/mba](http://business.providence.edu/mba)

Attend an  
**INFORMATION SESSION**

March 28, 2018 | 5:30 to 7:00 p.m.

For more information, please visit our website:  
[business.providence.edu/mba](http://business.providence.edu/mba)  
mba@providence.edu 401.865.2294

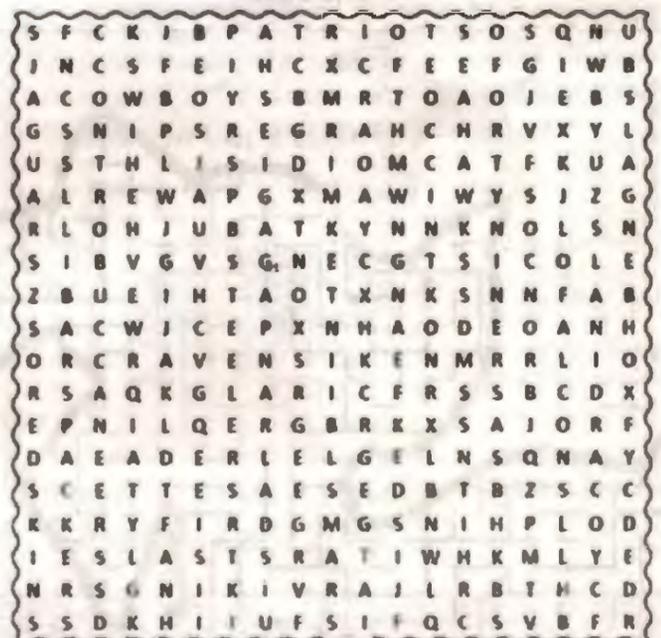
Can't attend?  
Email or call to schedule an appointment at your convenience.

**WE'RE READY WHEN YOU ARE**

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

## NFL Teams

Word Search



- |                    |                      |                            |
|--------------------|----------------------|----------------------------|
| Baltimore RAVENS   | Detroit LIONS        | New York JETS              |
| Arizona CARDINALS  | Indianapolis COLTS   | Los Angeles RAMS           |
| Buffalo BILLS      | Green Bay PACKERS    | Oakland RAIDERS            |
| Atlanta FALCONS    | Jacksonville JAGUARS | San Francisco FORTY NINERS |
| Cincinnati BENGALS | Minnesota VIKINGS    | Pittsburgh STEELERS        |
| Carolina PANTHERS  | Kansas City CHIEFS   | Seattle SEAHAWKS           |
| Cleveland BROWNS   | New Orleans SAINTS   | San Diego CHARGERS         |
| Chicago BEARS      | Miami DOLPHINS       | Tampa Bay BUCCANERS        |
| Denver BRONCOS     | New York GIANTS      | Tennessee TITANS           |
| Dallas COWBOYS     | New England PATRIOTS | Washington REDSKINS        |
| Houston TEXANS     | Philadelphia EAGLES  |                            |