### Rose-Hulman Institute of Technology

### Rose-Hulman Scholar

The Rose Thorn Archive

Student Newspaper

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### Volume 53 - Issue 15 - Monday, January 22, 2018

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## THE ROSE THORN

ROSE-HULMAN INSTITUTE OF TECHNOLOGY • THEROSETHORN.COM • MONDAY, JANUARY 22, 2018 • VOLUME 53 • ISSUE 15

## Career Fair Bootcamp

### Final Preparations Before Entering the Fray

Jared Gibson

**Staff Writer** 

As many of you know or should probably know, Career Services has a lot to offer for those looking to increase their chances of landing an internship, coop, or full-time job at the company of their choice.

Whether you need to reorganize your resume so that it appeals more to employers or practice your interviewing skills, Career Services can help.

Now that we are only two days away from the Career Fair, Career Services is working extra hard to provide students with everything they need to be prepared for the big day.

vices they will be offering this winter Boot Camp. Tomorfrom several companies will be in the Lake Room from the hours of 9 a.m. - 11:30 a.m., forming a sort of mini-Career Fair if you will.

Besides its size, the principle difference is that here, you are supposed to make mistakes.

"Even though this event is for all grade one of the ser- levels (yes, even you freshmen), it will offering this winter is the Career Fair be especially helpful for those who row, January 23, have not had much success [so far]."

> Take this opportunity to receive feedback on your resume and how you present yourself to employers from employers themselves.

This is a great way to get rid of any you nerves might have, or even just improve your fresh set of eyes and ears' to catch anything presentation just a day bejust a day before the Ca-

reer Fair.

Even though this event is for all grade levels (yes, even you freshmen), it will be especially helpful for those who have not had much success at past career fairs.

According to Kathy Kassissieh, the Boot Camp gives students "get a fresh set of eyes and ears" to catch anything that they might have been doing wrong in past Career Fairs.



Page 4: Checking the reflection in a Black Mirror

Page 5: Dbz—and not the Dragonball kind

Page 6: Mad, mad, mad, MAD World

Page 7: Check out IM standings

"The Boot Camp gives students 'get a

they might have been doing wrong..."

## The Rose Thorn Meet Tuesdays O259 5:15pm

### Women's March Rose's FEM Gets Involved

cusing on, such as

explained Val Grafton,

Dalal Bima

On January 18, 2018 Rose-Hulman's Feminists Engineers' Movement (FEM) gathered for a poster session in preparation for Women's happened March that

this past Saturday in Indianapolis, IN.

poster The session happened Thursday night in Olin, where the session began with familiarizing the audience with FEM's vision, purpose, a n d ultimate are; while goals defining also what Feminism is and how it benefits not just women, but everyone society. the session was

The other half of **Photo by Dalal Bima** focused on the poster making, where the audience was brainstorming

for ideas and powerful

phrases to use on Saturday while listening to music.

FEM's officers provided their audience with posters and markers, while making sure that everyone was comfortable in expressing views about the

equality versus equity, stereotypes, and much "People are criticizing what we are doing because they are unaware of how Feminism is affecting their lives,"

the munication director at FEM. O t h e r events that FEM will host this year include Cookies and Condoms on Valentine's where day, FEM will

FEM members came together to design posters to take to the Women's March.

women's march. From phrase to phrase, discussions arose on topics that FEM is mainly fo-

provide contracep tives help promote safe sex. Their yearly pho-

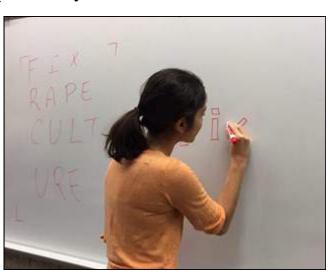
to campaign that will be during spring quar-

"People are criticizing what we are because they are unaware of how Feminism is affecting their lives."



Another poster designed during the poster making session.

Photo by Dalal Bima



A member of FEM conceptualizing her post-

**Photo by Dalal Bima** 

**Correction:** In Issue 14, a photo Iranian leader Ayatollah Ali Khamenei was incorrectly captioned; the caption was in regards to a news brief from Issue 13. The photo caption should have read, "Iranian leader Ayatollah Ali Khamenei presides over a government meeting in Tehran last month." The image was courtesy of the New York Times.

# Classifieds



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Civil/Environmental Engineer (Req. #R-00505) or Civil/Environmental Engineering Intern (Req. #T-00142).

Resumes will be accepted online from January 23, 2018

- February 1, 2018.

**Tau Beta Pi** 

## TRIVIA NIGHT

Friday February 2nd
7:30-8:30pm

WHERE

Lake Room, Union



Teams of 2-5 people \$5 per person or \$20 for a team of 5 Prizes awarded to top three teams

> All Proceeds go towards Happiness Bag, Inc. in Terre Haute

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to be featured in The Rose Thorn each week.



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## THE ROSE THORN

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### Our Mission Statement:

We are Rose-Hulman's independent student newspaper. We keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information.

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Timothy Wynia • Staff Writer

ISSUES of The Rose Thorn are published on the second through ninth Mondays of each academic quarter

WEEKLY MEETINGS occur at 5:15 p.m. on the first through ninth Tuesdays of each academic quarter. All members of the Rose-Hulman community are welcome to attend.

SUBMISSION of articles, photographs, art, and letters to the editor is encouraged. Submission may be made by email to thorn@rose-hulman.edu or in person to Percopo room 031. The submission deadline is 5:00 p.m. Friday.

THE RIGHTS to accept submissions or changes made after the deadline, to edit submissions in so far as the original intent of the submission remains unaltered, and to reject submissions deemed inappropriate for print are reserved by the editors.

LETTERS TO THE EDITOR should be no longer than 600 words in length and must contain the writer's (electronic) signature.

THE VIEWS EXPRESSED herein are those of their respective authors and with the exception of the Staff View do not necessarily represent the views of the staff or the Rose-Hulman community.

## News



## News Briefs

Evë Maquelin and AJ Henderson

### Jeanette Epps Removed from ISS Mission

ing astronaut Jeanette Epps was told including an undersea mission that she would not be going on NASA Expe- lasted 9 days. She also completed a dition 56, an ISS mission scheduled to stint as a Technical Intelligence Officer launch in May 2018. Though the rea- for the CIA. sons why she will be staying earthside ternational Space Station.

Epps was selected as an astronaut can- for NASA's next expeditions. didate in 2009. After graduating to a fully qualified astronaut in 2011, Epps

### **Computer Security Breakdown**

are still missing the mark.

With the help of some basic web development skills that logic to other pages and eventually selves. display his own password. As of yet,

OnePlus, the relatively new Andata of over 40,000 users has been trust the middleman. stolen. Operating over the course of last fall, a malignant program operated on OnePlus's systems, methodically

Mere months from takeoff, aspir- completed many training missions,

With years of training under her have not been released to the public, belt, the news that she would not be Epps would have been the first African taking her first voyage into space defi-American astronaut to live in the In- nitely hit her hard. On the bright side, her removal from this mission does not With a PhD in Aerospace Engi- disqualify her from future missions, neering from University of Maryland, and she will remain in consideration

In the wake of the Meltdown and scraping transaction data that was en-Spectre discoveries, a set of security tered on the site. Though an awful moexploits embedded in virtually every ment, for OnePlus, this is a great momodern processor's hardware, com- ment for third-party transaction computer security has re-entered the global panies like PayPal, as their security discussion. Some companies, however, features protected users from this hack.

Finally, a third-party Google and general Chrome extension with over 500,000 knowledge of the McDonald's website, installations was discovered to be a Tijme Gommers was able to display massive fraud. Not only is it virtually users' passwords. Due to passwords impossible to remove, but it uses user's being decrypted client-side (i.e., in machines to visit advertising links, your browser), he was able to apply likely to generate revenue for them-

Though the offending extension McDonald's has not issued a statement has since been removed from the on the subject, but the exploit is docu- Chrome webstore, this isn't the first mented online in hopes that they re- time Google Chrome has had problems with extensions.

If anything, this serves as a redroid phone manufacturer is facing a minder to be very careful when dealing similar issue in which the credit card with third-party software, even if you **Staff Writers** 

#### Hawaii's Missile Scare

At 8:08 AM Hawaiian time a message warning of an incoming ballistic missile threat inbound to Hawaii was sent out over the emergency alert system. As the message was tailed "This is not a drill", many Hawaiian residents and tourists reacted with panic believing that many would die on impact.

This was further exacerbated by the fear the missile may contain a nuclear warhead from plomacy between the cials to send the alert. United States and North ing over the last weeks.

Thankfully this alert

was actually a mistake and no missile the difference between the actual alert was coming, however many residents and the drill. would not know that as a second mass Emergency Management Agency.

During this almost 40 minutes of department has now added. pure panic the state of Hawaii's 911 system was filled with more than 5,000 stated that this situation was an imcalls, half of which would never be an-

state officials that the reason the non- stress, injury or deaths that could have drill alert was sent out was human er- occurred. ror, as a state employee accidently clicked on the wrong alert, sending out the real alert instead of the drill.

The alert system uses a drop down menu, where it can be difficult to tell

BMD False Alarm New false alarm option Amber Alert (CAE) - Kauai County Only Amber Alert (CAE) Statewide 1. TEST Message What was selected PACOM (CDW) - STATE ONLY Tsunami Warning (CEM) - STATE ONLY DRILL - PACOM (CDW) - STATE ONLY What should have been selected Landslide - Hana Road Amber Alert DEMO TEST **Image** High Surf Warning North Shores courtesy: HIEMA

North Korea as the di- The dropdown menu used by Hawaii state offi-

### Korea had been worsen- Photo Courtesy of Hawaii News Now

There was also no false alarm opalert stating the first was a mistake tion to correct mistaken ballistic miswould not be sent out by the Hawaii sile alert at the time of the original alert being sent out, which the state

State department officials have portant lesson in emergency systems for Hawaii, however the incident has It has been stated by Hawaiian been decried by many for the possible

## MONTH OF A MILLION LA

Lauren Wiseman

**News Editor** 

While February is the shortest month, February is also the end of the quarter, making its four short weeks the longest of winter quarter. In order to help stave off the last leg of winter blues, the Student Activities Board put together another Month of a Million Laughs. Four weekends of comedians and performers to lift the spirits of students to carry them into quarter

Comedian D.J. Demers is first in the line-up. In addition to performing his stand-up on Conan, Demers has won Best Breakout Artist at the 2015 Canadian Comedy Awards and 2013's Toronto Comedy Brawl. Some of his comedy revolves around his wearing hearing aids, something he joked about on his most recent appearance on Conan: "Even with my hearing aids in, whenever somebody whispers to me, I'm like, if this is a secret, you can rest assured. very, very safe. Stays with us, mainly with you." Demers performs in the Room Lake Friday this at night - 8 o'clock.

Following Demers is an other comedian, Sam Comroe. The winner of Ricky Gervais's Comedy Competition, Comroe's comedy focuses on the difficulties living with Tourette's Syndrome, got 99 problems...but twitch ain't one" on his

website, and telling an audience "You guys don't know what it feels like when a haircut becomes a life-or -death situation." Comroe performers February 3 in the Lake Room at 8 o'clock.

> performer of a different variety, though still with a comedic twist. Comedy hypnotist Sailesh has performed more than 5,000 shows across a career spanning two decades. MTV Europe dubbed him "The World's Best Hypnotist", and he has won Campus Activities Magazine's 2016/17 Entertainer of the Year. Sailesh performs February 9 in the Main Dining Room at 8 o'clock.

The final performer in the Month of a Million Laughs is Todd magician Migliacci. The ma-

gician found him-



proclaiming "I Comedian Sam Comroe will be in the Lake Room a February 3.

### **Image Courtesy of Houston Chronicle**

through Disney Migliacci participated in Disney World's competition, the Night of Stars. There, Migliacci won the distinction of being the "Best Speciality Act." With rave reviews from Disney World Ambassador and Carnival Cruise Directors, Migliacci's act has been called "mind blowing." Migliacci closes out Month of a Million Laughs February 17 at 8 o'clock in the Lake Room. All who attend are also en-

self employed by Disney after

graduating college. It was

couraged to fill out raffle tickets for a chance to win dinner for 2 at Stables, which would provide the perfect opportunity to take a load off with someone special and enjoy good food. At the very least, come out

to Month of a Million Laughs, starting this Friday. For more information on these events and others from the Student Activities Board, check out My Rose-Hulman.

**Journalism** Isn't Always Black and White.

Write about what matters. Write for the **News Section.** 

The Rose Thorn Tuesdays, O259 5:15pm

After the comedians comes a

Canadian comedian D.J. Demers will be here this Friday to kick off MOML.

**Image Courtesy of Comic Cure** 

# Entertainment

### **High Comedy from Low Brow Material** A Review of Jumanji: Welcome to the Jungle

**Andrew Henderson** 

#### **Staff Writer**

Jumanji: Welcome to the Jungle is the new sequel to the 1995 film Jumanji, which is well known for the great performance of Robin Williams. Coming into this movie, I was quite worried that the new Jumanji would be another nostalgia fest, a film with little substance riding on the back of a far better movie classic. These fears were quite popular with many people I spoke to before seeing the film, and quite a bit of outrage was seen on the internet during its development as announcements came so soon after the tragic death of Robin Williams. However, after actually watching the film, I can say without a doubt in my mind that those fears are unfounded, dare I say the new Jumanji blows the original out of the

he new Jumanji takes the same idea as the original of a magical game board and reinvents the idea for the 21st century. Now the game board has transformed into a mid 90's video game, which teleports anyone who tries to play the game into the spectacular, but dangerous, jungles of Jumanji. This movie plays with video game mechanics better than any other big Hollywood movie I've ever seen, realistically showing what many older video games would play like from inside the game. The ludicrous but realistic looks at mechanics like NPCs and lives really help make this movie fun for anyone who enjoys video games. Yet, game mechanics is not all Jumanji has, the comedy is some of the best I've seen in many years. While definitely being low brow, Jumanji had an incredible



It's a (pixelated) Jungle Out There!

### Photo courtesy of letterboxd.com

ability to make me laugh, with many jokes I've spent time laughing at weeks after I saw it. This comedy was also seemingly enjoyed by everyone in the theatre as their was riotous laughing in almost every scene and that every person I've spoken to about the film couldn't stop talking about how

The strongest part of the movie is without a doubt the dialogue and acting, as many of the actors have some of the best reactions, skits and recurring jokes I have seen in a long time. Jack Black is at the

best I've seen since School of Rock when playing as a popular blond girl stuck in Jack Black's body (his jokes are both the least sophisticated and somehow the funniest). Dwayne Johnson, as always, is incredibly likable and has his own hilarious moments playing a nerdy shrimp, with Kevin Hart playing off him amazingly as a big jock stuck in a tiny body (watching Kevin Hart try and knock down Dwayne Johnson is so fun). Even Nick Jonas and Karen Gillan have some amazing scenes. The only real weaknesses the movie has is it's a very low brow movie and while the scenes in the real world with the character true bodies are good, they are nowhere near as fun as the scenes in the videogame. Jumanji: Into the Jungle is my most entertaining film of 2017 (stealing that award right before new years) and I can't see any film taking that crown away in 2018 either. Go see it, or I'll find you and make you see it for your own

"The strongest part of the movie is without a doubt the dialogue and acting, as many of the actors have some of the best reactions, skits and recurring jokes I have seen in a long time."

## BLACK MIRROR THE ICONIC NETFLIX ORIGINAL RETURNS

Dara Nafiu

### **Staff Writer**

When Charlie Brooker and An-UK television in 2011, they were pushing into largely untested wathat substitutes a directed plot for a free-flowing but unified theme. Its title,

which describes what you see the moment you turn your phone or computer off, is the clear-

Smashing!

Photo courtesy of fontmeme.com

"The show continues to shift masterfully benabel Jones introduced the show to UK television in 2011, they were tween satire and solemn introspection, and ters. Black Mirror is an unconventional, thought-provoking series prompts us to examine ourselves as a society."

> est indication of the show's creative direction. In Season 4, released just after Christmas last year, the show continues to shift masterfully between satire and solemn introspection, and prompts us to examine ourselves as a society.

> Since the actors, settings, and timelines are different in every episode, Black Mirror must sacrifice the built-up emotional connection that story-driven series enjoy. Brooker and Jones compensate for this with gripping visuals that drive intricate plots. The pilot episode opens with a Star Trek-esque aesthetic that almost seems like an uncharacteristic step back in time, until the next several minutes reveal the chilling, futuristic reality we have come to expect from the series. "Metalhead," the second-to-last episode, takes another page from the past, employing grayscale visuals and screeching 80s thriller music to keep viewers bolted to the edge of their seats. Brooker and Jones are a dangerously powerful duo that have the dark dystopian thriller down to a science.

> While the cinematographic quality was spectacular, this season did lack some of the originality of the first three. The first season's pilot episode took us through a teeth-grinding hostage situation in which the British prime minister was forced to perform a degrading act on national television. The third episode of the second season delved boldly into modern politics by exploring what happens when a TV personality decides to run for office. The newest releases, however, seemed to borrow significantly from these old ideas. "USS Callis-

ter," for example, was very similar to "Playtest" from Season 3: a begrudged protagonist resorts to virtual reality to fill an obvious emotional void. Furthermore, the concept behind "Arkangel" seemed to arise from the first season's "The Entire History of You"-main characters in both episodes are fitted with neurological implants that record everything they see but eventually irrevocably

Still, there were certain references to the first few seasons that worked well. Brooker made sure to include Irma Thomas' "Anyone Who Knows What Love Is," a soft, emotive, but eerie song that has found its way into every Black Mirror season. According to Annabel Jones, this simple motif works to connect the show's seemingly unrelated episodes, which opens up the interesting possibility that all of these storylines occur within the same time-

Most viewers maintain low expectations for subsequent seasons, even if they are emotionally invested in the show. Black Mirror, however, continues to capture the attention of everyone from the casual browser to the devout conspiracy theorist. As artificial intelligence, government surveillance, and virtual reality technology continue to evolve, Black Mirror's latest iteration asks a chilling but timely question: should we do it just because we can?



# Lifestyle



## Adidas x Dragon Ball Z

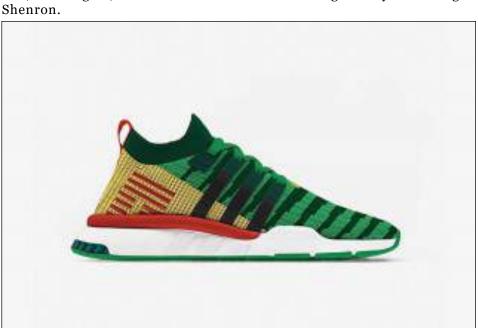
Hopefully this wont take 300 episodes to drop

Seun Ladipo

### Lifestyle Editor

The sportswear company Adidas has recently unveiled an upcoming collaboration with the creators of Dragon Ball Z to release a line of seven different shoes themed after the popular Japanese anime.

There are seven different shoes to go along with the seven dragon balls, which are a very popular trope on the TV show. The shoes are themed after seven characters in the show, borrowing elements from each character in each of the designs. These characters are the main villains Frieza, Cell, and Majin Buu, and the main characters Goku, Gohan, and Vegeta, with the seventh character being the mystical dragon Shappen.



YOU HAVE THREE WISHES.

### Photos Courtesy of highsnobscoiety.com

The silhouettes that are in this collaboration are all new never before seen shoes that are being released alongside this collaboration. These shapes are named the Yung 1 (Frieza), Prophere (Cell), Kamanda (Majin Buu), ZX 500 RM (Goku), Deerupt (Gohan), Oregon Ultra Tech (Vegeta), and Eqt Adv Mid (Shenron).

This collaboration is being released throughout 2018, with each release date coinciding with pivotal moments in the show. The Frieza saga with Goku and Frieza in August 2018, the Cell saga with Cell and Go-

han in September 2018, and The Buu saga with Vegeta and Majin Buu in November 2018 with the collection being rounded off with Shenrons release in December of 2018.

This collaboration was announced in late 2017 and was meet with much anticipation as the actual shoes had not yet been pictured. Due to the reputation of Dragon Ball Z, the second most successful anime of all time (Pokémon is number one), and Adidas, the second most popular shoe company of all time (Nike is number one). This created a perfect storm for what could be one of the most popular releases of all time.. although many believe that the hype is already dead.

Though the shapes of most of the shoes in this collaboration are definitely some of Adidas's more adventurous styles, the shoes themselves seem lazy, with only a few shades changed around. Adidas also missed an opportunity to put the names of these characters on their more popular shoes, such as the Ultraboost and NMD. Having said this they definitely made an effort to do something as adventurous as this, and even if this collaboration is a bit under whelming, it is still nice to see ideas like this transcending the realm of sneakers.



FINAL FLAAAAAAAAAAAASH!

**Photos Courtesy of Yeezy Mafia** 

## Not So Easy Mac

...Or is it hard Mac?

Courtesy of food network

### Ingredients

- Cooking spray
- · 8 ounces elbow macaroni, cooked
- One 12-ounce can evaporated milk
- 1 1/2 cups whole milk
- 1/4 cup (1/2 stick) of butter, melted
- 1 teaspoon salt
- Dash of pepper
- 2 large eggs, beaten

Two 10-ounce bricks sharp Cheddar

cheese, grated (about 5 cups)



MMMMMMMMMMMMMMmmmmmmmm yeah.

Photos Courtesy of nexopia.com

### **Directions**

- 1.In a large 4-quart slow cooker sprayed with cooking spray, mix the macaroni, evaporated milk, milk, butter, salt, pepper, eggs and all but 1/2 cup of the grated cheese. Sprinkle the reserved cheese over the top of the mixture and then sprinkle with paprika. Cover and cook on low heat for 3 hours and 15 minutes. Turn off the slow cooker, stir the mixture and serve hot.
- 2.If you don't have a slow cooker, grease a 9-by-13-by-2-inch pan with butter, add the mixture and bake at 350 degrees F for 50 minutes.
- 3.Take all of the Mac and Cheese out of the container and put on some Netflix as you eat the entire serving in one sitting.
- 4.Switch to Hulu after you realize you have watched every notable show on Netflix.
- 5.Remember you don't have Hulu and eat the Mac and Cheese in silence.

# Vord

Timothy Wynia

### **Staff Writer**

As an aspiring mechanical/ aerospace engineering major with an interest in the defense industry, I would give almost anything to be able to work on our current missile defense systems. But however exciting the science is, it should be understood that our current missile defense systems have a limited ability to protect civilian population centers or dispersed strategic assets. On the heels of rising tensions with North Korea and the recent Hawaii scare, it is important to take a sober look at our vulnerabilities, as it is the insecurities of our defenses rather than the insecurities of our leaders that should inform our policy decisions.

Our current missile defense systems all follow the same general approach of tracking and destroying the offending missile by firing a missile interceptor at it, with the interceptor either colliding into the missile or destroying it with an explosive blast. Right now, America has four separate systems which seek to destroy an incoming missile at different stages of its trajectory, with ranges spanning 5000 km to 20 km, but unless we know in advance where a foe will target, our defense will fall to our long range systems that have the spottiest testing records. The main issue with our defense systems, especially the long range ones, is the prohibitive cost of providing an effective defense.

Our current systems have a poor record with tests, even though the tests are typically much easier than what would be faced in a conflict. It is difficult to estimate the odds that a given missile interceptor will destroy its target (and any official figures would likely be classified), but 50% is not unreasonable. This means if four interceptors are fired at each incoming missile, there would only be a 93% chance of success. This may seem good, but consider first that a single failure means a potentially nuclear armed missile hitting an American city, and second that a foe would likely launch multiple missiles at once. In the case of 10 missiles being launched, one would need to fire forty missiles in return and there would still only be 50/50 odds that each missile will be destroyed. Achieving a 95% success rate of destroying all ten missiles would require firing 8 interceptors per each incoming missile. This quickly becomes unsustain-

The reality is, of course, much worse, since this assumes that each interceptor's probability of success is independent of the others, whereas it is likely that whatever caused the first interceptor to fail will cause subsequent interceptors to fail. While the U.S. could likely defeat the North Korean military in pitched combat, the U.S. is no match for math itself. As two researchers aptly commented in a



These rockets are not designed to land.

### Photo via washingtonexaminer.biz

similar argument in 2017, "While this may seem like statistical nitpicking, the United States does unlimited possess [interceptors]. This year, the [interceptor] inventory will be expanded from 30 interceptors to 44... it will always be far cheaper ... for North Korea to add additional [ICBMs] than it would be for the United States to add interceptors to the inventory." The point of this isn't to denigrate our current efforts or spread despair, but missile defense technology will need to mature before it can effectively defend against a large scale ICBM attack.

As the 1983 movie War Games foretold, "the only winning move is not to play." There

is no winning in a war between nuclear powers, only mutual destruction and the pride that led to it. There can at best be a pyrrhic victory, and our foreign policy needs to reflect this. That is not to say that there is no hope; on the contrary, current research into laser based weapons and railguns (hypersonic unguided projectiles) each show promise as being cost effective defense systems. The U.S. should continue to fund these technologies and push to increase the effectiveness of defenses, but we must also work to peacefully deescalate tensions in North Korea, and focus on diplomatic solutions. In the meantime, let's hope that Kim Jong Un's button only brings him a Diet Coke.

## Rose's Unique Opportunity

## ncome Students Deserve Pi

**Marc Schmitt** 

### **Editor-in-Chief**

It is college admission season, possible composition of the incoming class of 2022, specifically economic diversity among students.

Rose-Hulman has a problem of economic diversity among is stu-Equality of Opportunity project, tution. which looked at millions of anonymous tax records and tuition records, fewer than 20 percent of Rose-Hulman students come from families in the lower 60 percent of incomes. More alarming still, is that this number has been trending downwards.

Why does this matter? Because Rose-Hulman is an income mobility two or more income quintiles. That places Rose sixth in the nation when

cent of incomes.

Rose-Hulman, 78 percent make it cent in the top 1 percent). into the top 20 percent of incomes as adults. That is a tremendous asset administration to help improve the \$68,929, with a high of \$124,000. dents. According to data from The that is little recognized by our insti- economic diversity at Rose-Hulman. With low costs of living, most of us

household income of \$117,100. De- be prioritized. spite this, many of us many consider background, engine. Students who attend Rose But the numbers tell a different sto- emphasize to prospective decidedly upper-middle class.

> Rose-Hulman looks instead

dents are from the bottom 20 per- ment their place in the upper-middle percent of the 2016 Rose-Hulman class. We will end up becoming any- class graduated with an average of Rose-Hulman is squandering an where from well-off (76 percent in \$41,804. opportunity to capitalize on its the top 20 percent of incomes), to and it would be worth looking at the unique ability to help the poorest wealthy (63 percent in the top 10 financial aid for those who are alrise in income. Of those from the percent), to rich (36 percent in the ready swimming in debt upon gradubottom 20 percent who do attend top 5 percent), to filthy rich (6.4 per- ation? One simple reason is that we

> This is also not the prevailing at the bottom of the income distribu- start contributing to our nest eggs. attitude on campus. 53 percent of us tion. Roughly 61 percent of students

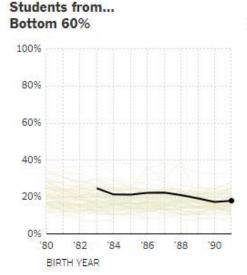
Many ourselves from a solidly middle-class turned off from Rose-Hulman be- from families that already have it distinguishing our- cause they see a large price tag. Ad- pretty well. selves from those who attend missions and Communications and wealthy East Coast private colleges. Marketing should instead look to at Rose-Hulman, but that does not have a 19 percent chance of raising ry, that we are, for the most part, income students its financial aid and benefit at the expense of reducing ability to raise incomes.

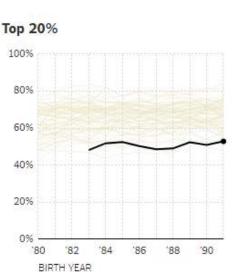
Some students may read this and income students. compared to other elite colleges. Yet more like a vehicle for the already think of the large outstanding baldespite this only 5.2 percent of stu- well-off to send their children to ce- ance on their own loans. Indeed, 64

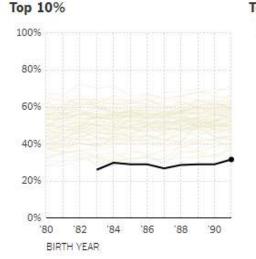
So how do we reconcile reducing can afford it. The average starting Two things can be done by the salary for the class of 2016 was First, Increase financial aid for those can quickly payoff our loans and

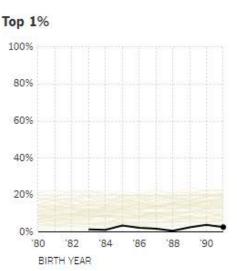
The question really is why would come from families in the upper 20 already receive some financial aid, we not want to increase access to percent of incomes, with a median but those with greater need should Rose-Hulman? We have all benefitted tremendously and will be better students are, rightly, off in life, when most of us come

> Yes, we have all earned our place low- mean that we should continue to access for equally qualified low-









The percentage of students attending Rose-Hulman from the bottom 60 percent of incomes has trended downwards.

**Graph by the New York Times** 

# Sports

## Track & Field

Blake Powell

### **Sports Editor**

events in order to sweep the track meet hosted at the SRC on Friday night.

with 229 points followed by Campbellsville at 123 points. On the women's side, Rose-Hulman scored 155 points followed by Hanover at 120 points.

meter and 400-meter dashes. Alex Hu- festivities. ber, Josh Evans, and Nick Saulcy

teamed up to win the 4-x-400 meter relay. Eric Fiacable won the weight throw, Josh Himes won in shot put, Aaron Lannoy won the 800-meter run and Nick Palmer won pole vault. Following Palmer in pole vault at 2nd and 3rd palce were also Rose-Hulman partic-

Gabi Razma led the women's team with wins in long jump, tripe jump and also contributing to the 4-x-200 meter win with Adekite Oladipup, Victoria Heckenlively, and Jacyln Setina.

Kally Morozin won the 3,000 meter The Rose-Hulman team won 13 run, Setina in high jump, and Mery-Helen Shomba in the 60-meter hurdles.

The women's team won the meet The men's team won the competition when they took home 1st, 2nd,3rd, and 4th in the 3,000-meter run.

Rose-Hulman returns to action at the Engineer Invitational on January 26th for the third and final home meet The men's team won seven events of the 2018 indoor track and field meet, Friday night. Josh Hennig won the 200- which will also include Senior Night



"I was running." -Forrest Gump

performance | Photo By USAtoday.com

## **RHIT Swimming**

**Blake Powell** 

### **Sports Editor**

Rose-Hulman men's swimming and diving tram beat No. 11 ranked Calvin 152-148 on Friday night at the SRC.

Rose-Hulman was ranked No. 26 in the medley. latest polls and showed why on Friday all team strength and depth.

Ethan Park won three events: first place in the 100-breaststroke, 200breaststroke, and 200-individual medley.

Other winners for Rose-Hulman included William Kemp in the 200backstroke, Ben Stone in the 200freestyle, Avery Krovertz in the 500-freestyle.

The women's team was defeated 208-83 by No. 13 ranked Calvin.

The men's team relied on three key events to capture the win. In the 100-Rosereststroke Hulman took 1st, and 3rd place. In the 50freestlye they won 2nd, 3rd, 4th, and 5th and in the 200-individual medley they took home 1st and 2nd.

For the women, Elisa Weber won the 200-breaststroke and took runner-up in the 100-breaststroke and 200-individual

Mara Kline too runner up in the 1,000night with their excellent display of over- freestyle while Bethany Lefeber took runner-up in the 100-butterffly.

Rose-Hulman will return to action with its Senior Night home meet against Franklin College on Friday January 26th.



Smile for the camera, Ethan.

Photo By Rose-Hulman Athletics

### **RHIT SPORTS BOX SCORES**

### **RHIT Men's Basketball**

Blake Powell

**Sports Editor** 

The Rose-Hulman men's shooting 55.8% from the floor road victory this week with an only turning it over six times. 85-66 dominance over Defiance College this past weekend.

Engineers play. The Fightin' started quick and took a fifteen point lead heading into halftime, tion on Wednesday at Mount St. leading 48-33.

The team ended the game

team won their second HCAC while controlling the ball and

Rose-Hulman improved to 10-7 overall and 8-2 in HCAC

The team will return to ac-Joseph.

MEN'S BASKETBALL	1	2	FINAL
ROSE-HULMAN(10-7)	48	37	85
DEFIANCE(3-14)	33	33	66

### **Standout Performers**

Ryuji Aoki-20 points, 2 rebounds, and 1 assist Charlie Aimone- 15 points, 2 rebounds, and 1 assist

### **RHIT Women's Basketball**

Blake Powell

### **Sports Editor**

team dominated Defiance Col- in the second quarter and 19-7 lege 60-33 to win their twelfth in the third quarter. straight game.

The Fightin' own 7-0 run.

The Fightin' Engineers out-

The Rose-Hulman women's scored the Yellow Jackets 19-10

The team improved to 14-3 Engineers overall and 10-0 in HCAC play. jumped out early 6-0 before They will return to action on Defiance answered with their Wednesday versus Mount St Joseph at Hulbert Arena.

WOMEN'S BASKETBALL	1	2	3	4	FINAL
ROSE-HULMAN(14-3)	10	19	19	12	60
DEFIANCE(5-12)	8	10	7	8	33

### **Standout Performers**

Ally Bromenschenkel–16 points, 5 rebounds, and 2 assists Kayla Gerken-7 points, 1 rebound, and 4 assists Abby Bromenschenkel-8 points, 7 rebounds, and 5 steals

### RHIT Player of the Week



Ethan Park is the RHIT Player of the Week. Christian Fellowship. Ethan Park, freshman, led the men's swimming and diving team with three event victories n the 100-breaststroke, 200breaststroke, and 200individual medley to contribute towards the team's upset against No. 11 ranked Calvin on Friday night. Congrats on making such as contribution as a freshman.

Photo by Rose-Hulman Athletics

## Intramural Standings

### **Basketball**

	TEAM NAME	w	L	т	GP	STREAK	STANDING
	Sigma Nu	4	0	0	4	W4	1st
7	Fiji– Sham Yao	4	0	0	4	W4	1st
1	Triagle B	3	1	0	4	W3	3rd
1	Pike Garnet	3	2	0	5	W1	4th
_	Cat Salads	2	2	0	4	W1	5th

### Volleyball

TEAM NAME	w	L	Т	GP	STREAK	STANDING
Fiji 3	4	0	0	4	W4	1st
Sigma Nu	5	0	0	5	W5	1st
Fiji Borkers	4	1	0	5	W4	3rd
Pike Garnet	3	1	0	4	L1	4th
Triangle B	3	2	0	5	L1	5th

<u>.</u>	TEAM NAME	W	L	т	GP	STREAK	STANDING
	Ball Stars	5	0	0	5	W5	1st
T T	East 3	5	0	0	5	W5	1st
<b>6 8</b>	Cankle Breakers	3	1	0	4	W3	3rd
X	Lakesquad	3	2	0	5	L2	4th
	Beasts of Weast	2	2	1	5	W2	5th

TEAM NAME	w	L	Т	GP	STREAK	STANDING
Game Good	4	0	0	4	W4	1st
Hit Squad	4	1	0	5	W3	2nd
Beasts of Weast	4	1	0	5	W1	3rd
Net Effect	2	2	0	4	L2	4th
IM Frisbee	2	3	0	5	L1	5th

## **National 7 Day Forecast**

National

**National** Blonde **Brownie Day-**You will need: -1 cup sifted flour -1/2 tsp. baking powder -1/8 tsp. baking soda -1/2 teaspoon salt -1/2 cup chopped

walnuts -1/3 cup butter, melted -1 cup brown sugar -1 egg, beaten

teaching.

-1 tsb. vanilla extract -2/3 cup chocolate chips

Next: Combine all this and throw it in the oven. Yum Yum.

Pie Dav Peanut **Butter Day-** Emily **National** Hoke, this one's for **Handwriting Day-**

you. Please take time to work on your hand-**Beer Can** writing, especially if **Appreciation Day**you are a professor Show your Bros™ who utilizes the that you're a real whiteboard while Dude™ by showing off your extensive collection of cans.

Frat boy.

**National Compliment Day-** A good compliment isn't about making yourself look good; it's about letting the receiver know they look

**National Irish** Coffee Day- Coffee stunts growth.

National

Florida Day

**National Opposite** Day- "But the opposite of clean is filth, which means filth is clean, that means Squidward is really making my yard a wreck, but I normally wreck my own yard which means, Squidward is being the opposite of Squidward which

means he's

SpongeBob!"

Green Juice Day- I read this as "Green Day" and I was excited before I realized the error of my ways.

**National Peanut** 

**Brittle Day** 

National

**National Spouses Day-** Congrats on having a long-term, meaningful Relationship, I guess.

**National Big Wig** Day

mom's is better." - Bruce Bogtrotter **National Seed** 

**National** 

Chocolate

Cake Day- "My

26

swapping.

Swap Day- Sign up for Farmer's Only so that you can meet that special someone to engage in seed

**Privacy** Day- Data Privacy? I don't know her.

National **Blueberry Pancake** 

Data

Day

**National Have Fun** At Work Day- What the- Is this

allowed?

**National Kazoo** Day- "I can tell that we're going to be special friends."

### Do Your Laundry and We'll Reveal if You'll Pass Your Classes

### First, Pick a Washing Machine:







### Next, Choose Your Detergent:







### Finally, Choose Your Worst Fear:







These results were determined by hours of research and stalking cameras in Rose laundry facilities.

Mostly A's: You'll pass.

Mostly B's: You'll fail.

Mostly C's: You aren't even human.

### **Top 10**

Things to Use as a Sled

- 1. A tray- oh wait.
- 2. Textbooks in their original plastic. You'll be able to return them when you're done.
- 3. Senior laptops.
- 4. Freshmen.
- 5. Your GPA.
- 6. A Pizza Box.
- 7. A manhole cover. It's useful!
- 8. A mattress.
- 9. An icy sheet made from your frozen tears. 10.A stack of Rose Thorns.
- 11. The Hybrid Physics course syllabus.
- 12. The new whiteboard erasers.

13. Safety Jim's favorite stop sign.

- 14. Empty vodka bottles lashed together.
- 15.A sled.

### WACKY PROF QUOTES

"I have power naps so deep that when I wake up, I have no idea where I am. I sprint from my office to the classroom; and when I see an empty room, I realize that it is a Sunday. - Dr. Charles Joenathan

-Dr. Thom

"Does anyone else wanna try? I have more alcohol"

"Y'know, this maple problem sure reminds me of the video of that guy who got stuck in the elephant's butt." - Dr. Mark Inlow

"It's what I call the American proof. If you can make money, it's - Dr. Mike McInerney

"Feel free to take this table home. Put it under your pillow at night. Become acquainted.'

- Dr. Tom Langley

Did your prof say something hilarious or just great out of context? Did you hear something amusing on your jaunt about the fine halls of this institution? We want to hear about it! Send your quotes with who said it to thorn-flipside@rose-hulman.edu or fill out this nifty google form: <u>https://goo.gl/forms/bB339sx6GHohggYt1</u>

Thanks for reading! Have a great day, a wonderful week, and a month. Please send an email with questions, concerns, or content to the Thorn Flipside Editor <thornflipside@rose-hulman.edu> Disclaimer: The Flipside is purely for fun! Any uncredited work above can be attributed to me, Emma Oswood. This is just a filler sentence to make my disclaimer look longer so that I don't have to rearrange my page. Sorry folks.