

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

The Rose Thorn Archive

Student Newspaper

Fall 10-17-2016

Volume 52 - Issue 6 - Monday, October 17 , 2016

Rose Thorn Staff

Rose-Hulman Institute of Technology, library@rose-hulman.edu

Follow this and additional works at: <https://scholar.rose-hulman.edu/rosethorn>

Recommended Citation

Rose Thorn Staff, "Volume 52 - Issue 6 - Monday, October 17 , 2016" (2016). *The Rose Thorn Archive*. 1059.

<https://scholar.rose-hulman.edu/rosethorn/1059>

THE MATERIAL POSTED ON THIS ROSE-HULMAN REPOSITORY IS TO BE USED FOR PRIVATE STUDY, SCHOLARSHIP, OR RESEARCH AND MAY NOT BE USED FOR ANY OTHER PURPOSE. SOME CONTENT IN THE MATERIAL POSTED ON THIS REPOSITORY MAY BE PROTECTED BY COPYRIGHT. ANYONE HAVING ACCESS TO THE MATERIAL SHOULD NOT REPRODUCE OR DISTRIBUTE BY ANY MEANS COPIES OF ANY OF THE MATERIAL OR USE THE MATERIAL FOR DIRECT OR INDIRECT COMMERCIAL ADVANTAGE WITHOUT DETERMINING THAT SUCH ACT OR ACTS WILL NOT INFRINGE THE COPYRIGHT RIGHTS OF ANY PERSON OR ENTITY. ANY REPRODUCTION OR DISTRIBUTION OF ANY MATERIAL POSTED ON THIS REPOSITORY IS AT THE SOLE RISK OF THE PARTY THAT DOES SO.

This Book is brought to you for free and open access by the Student Newspaper at Rose-Hulman Scholar. It has been accepted for inclusion in The Rose Thorn Archive by an authorized administrator of Rose-Hulman Scholar. For more information, please contact ligget@rose-hulman.edu.

Voices of History

Music History Students Witness Century-Old Recording Firsthand

Lauren Wiseman
News Editor

Rose-Hulman is not a school to shy away from a hands-on demonstration. In the case of Dr. David Chapman's course, "Popular Music in the Era of Recorded Sound," the demonstration offered a chance for students to see how music was recorded and enjoyed over a hundred years ago. The Antique Phonograph Society (APS) put phonographs and gramophones on display, giving Dr. Chapman's class and the Rose-Hulman community a first hand look at the evolution of music.

"When you read it in a book, it has an abstract quality," Dr. Chapman said. "When you see it, when you hear it, history comes alive right in front of you." Seeing history up close and personal this way helped understand the significance

of the technology, but the class had another goal in mind. By exploring the popular music of the time, the class also delved into the relationship between technology and society. This opened the door to discuss the ethics and law of this timeline.

One of the earliest forms of recorded sound came through wax cylinders. A recording needle traces grooves into the cylinder as sound is funneled to the phonograph through a long horn.

The theory was put into practice through a demonstration. "This wax was the beginning of your CDs, your records," APS member Tim Fizer explained. "The only difference is today looks at it as back then, [the process] was mechanical." With the help of Fizer, junior Software Engineering and Math student Walt Panfil had the chance to see that process come to life by recording a letter written during the height of gramophone usage. That was not the only demonstration, however, as the entire class joined together to give a rousing rendition of Rose-Hulman's Fight Song, "Dear Old Rose."

The goals of the APS aligned perfectly with the purpose of the class. The society is dedicated to educating communities on the development and history of recorded sound, making them a prime candidate for reinforcing the material taught in Dr. Chapman's class.



Dr. Mark Chapman's students had the chance to record using a process dating back to the late 19th century.

Photo by Lauren Wiseman

"You're listening a hundred years into the past, and it's really exciting to do that," Dr. Chapman said. Footage of the class recording the fight song on an Edison Cylinder is available on Rose-Hulman's Instagram page.

For those interested in learning more about the history of recorded sound, the

"When you see it, when you hear it, history comes alive."

class is offered every two years. The Hoosier Antique Phonograph Society is a chapter of the Michigan Antique Phonograph Society.

More information about the society can be found on their website: www.hoosierantiquephonographsociety.com.



Walter Panfil recording a letter from 1908 using a phonograph.

Photo by Lauren Wiseman



Page 4: Our first take on Westworld
Page 5: The Haute's best Chinese restaurants compared
Page 6: Globalization and quick takes on the presidential debates
Page 7: A new football record and intramural standings

The Rose Thorn
Meet Tuesdays
0259 5:15pm

Beta! Beta! Beta!

Rose-Hulman's Honors Biology Club Holding Callout Meeting

Joseph Lee
Staff Writer

Tribeta's Callout Meeting is this upcoming Wednesday during 10th hour on October 19. Rose-Hulman's chapter of Tribeta is the National Biological Honors Society. Do not let the name fool you, the organization is allowing students of all majors to join. For anyone who wants to work more with the

nonintroductory biological science courses.

Regular members are also expected to fulfill two out of three requirements for each quarter to stay active: show up to 6 out of 10 meetings, pay the 10 dollar dues, or perform three hours of volunteer services acknowledged by the chapter.

Regular members have the chance to hold officer posi-

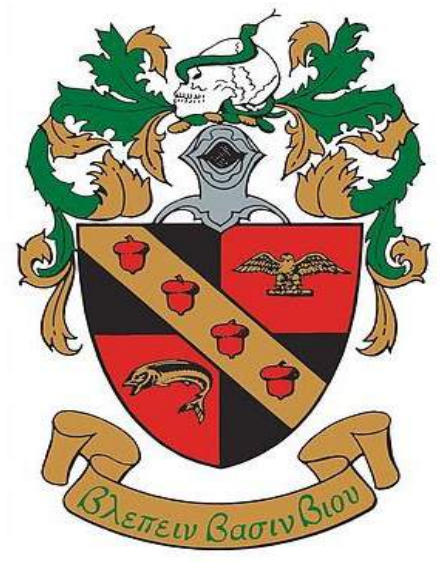
tion Chair, Academic Chair, Alumni Association Chair, Marketing Chair) giving them a role in the chapter.

The organization participates in a number of activities. As mentioned before, there are weekly meetings where current events of the organizations are discussed as well as the volunteer opportunities are announced. The chapter as an organization volunteers various activities around campus such as Day of Service which is coming up as well.

Moreover, the chapter also organizes various fun activities that members may enjoy. For instance, A canoeing trip was planned for one year.

Ultimately, the organization provides a fun interactive way for people who enjoy the biological sciences to get together.

For anyone interested or just wants to learn more about the organization, they are encouraged to come to the callout meeting this Wednes-



Beta Beta Beta is an honor society for the biological sciences.

Photo Courtesy of Tribeta

"Ultimately, the organization provides a fun interactive way for people who enjoy the biological sciences to get together."

study of life, the organization will be a perfect fit. It should be noted, however, there are two types of memberships: regular and associates.

In order to be a regular member, one needs to be of a biological science major (BIO, BIOCHEM, BE, BMTH) and have completed at least three

tions. Active regular members have access to discounts for the organization's t-shirts, the end of the year banquet, and graduation cords.

Associate membership does not have any requirements. Members on an associate level may hold appointed positions (Webmaster, Initia-

day during 10th hour. For those unable to attend, please direct your questions to Tribeta's president, Michael Plaskett, who can be reached at plaskemj@rose-hulman.edu.



BIC
Branam Innovation Center

ROSE-HULMAN
INSTITUTE OF TECHNOLOGY

Innovators Welcome

◆ Chem-E Car	◆ Human-Powered Vehicle
◆ Concrete Canoe	◆ Rose-Hulman Efficient Vehicle
◆ FIRST Robotics	◆ Rose-Hulman Grand Prix Engineering
◆ Maker Lab	◆ Robotics
◆ NXP Cup	◆ Team Rose Motorsports
◆ Make It Happen	◆ Design/Build/Fly

Dream it, Build it

Learn More About
What We Offer

@RoseHulmanBIC
rose-hulman.edu/bic
innovate@rose-hulman.edu



Want to access your favorite old issues of The Rose Thorn? Find them at

<http://scholar.rose-hulman.edu/rosethorn/>

WRITING &
LAYOUTS &
HEADLINES &
PIZZA (SOMETIMES).

GET IT ALL IN
THE ROSE THORN.

MEET US IN O259
EVERY TUESDAY AT 5:15 P.M.

Chalk on the Walk

Friday October 21st
11:45 am—2:25 pm
On the Quad
All Students, Faculty, and Staff Welcome




<http://rose-ink.wixsite.com/home>

Scenic
Rose

Photo by Marc Schmitt



THE ROSE THORN

ROSE-HULMAN INSTITUTE OF TECHNOLOGY, 5500 Wabash Ave, CM 5037, Terre Haute, IN 47803-3920 • Thorn@Rose-Hulman.edu

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.

- | | |
|---|---|
| Marc Schmitt • <i>Editor-in-Chief</i> | John Chilton • <i>Sports Editor</i> |
| Karlee Koetje • <i>Business Manager</i> | Lauren Santichen • <i>Flipside Editor</i> |
| John Chilton • <i>Business Manager</i> | Emma Oswood • <i>Copy Editor</i> |
| Nolan Hughes • <i>Business Manager</i> | Dr. Thomas Adams • <i>Faculty Advisor</i> |
| Lauren Wiseman • <i>News Editor</i> | Derek Hufferd • <i>Staff Writer</i> |
| Curtis Humm • <i>Entertainment Editor</i> | Blake Powell • <i>Staff Writer</i> |
| Seun Ladipo • <i>Lifestyle Editor</i> | Mason Diebold • <i>Staff Writer</i> |
| Thaddeus Hughes • <i>Opinions Editor</i> | Joseph Lee • <i>Staff Writer</i> |

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

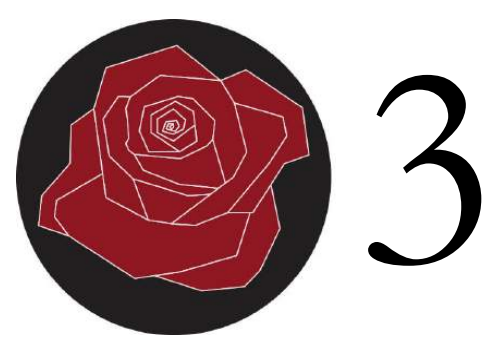
WEEKLY MEETINGS occur at 5:15 p.m. on the first through ninth Tuesdays of each academic quarter. All members of the Rose-Hulman community are welcome to attend.

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 Briefs

Mason Diebold

Staff Writer

A Presidential Update

Since the first two debates of the presidential election, headlines regarding both candidates have hit the news, damaging both campaigns. After the most recent debate, Trump is still battling backlash from a leaked “The Apprentice” tape that shows him boasting about sexually assaulting women.

Alongside this, Trump has also been accused of sexual assault by multiple women. While Trump’s campaign is said to have evidence against the alleged sexual harassment on an airplane, Trump is expected to answer the rape accusation in court, the initial hearing for which is scheduled to be December 16 of this year.

Meanwhile, the Clinton campaign has been dealing with some major WikiLeaks posts. More than 2,000 emails, dating all the way back to 2007, involving a series of emails between Clinton and her campaign chairman, John Podesta, have been released. A Clinton spokesman has stated that the Clinton campaign will not be confirming or denying the authenticity of any of the emails released.

Some of the email contents include discussion of Bernie Sanders’ campaign, and ways in which they could attack him, excerpts from her paid speeches, as well as quotes about Clinton’s distance from the middle class.

While both candidates have been recovering from leaks and accusations, Clinton has pulled ahead by 3-5 points in more than 80 percent of the polls.

Samsung Halts Production of Galaxy Note 7

As of Tuesday, October 11, Samsung has permanently ended the manufacturing of the Galaxy Note 7 smartphone.

The company made the announcement after many reports of the devices spontaneously catching fire. Hours previous to the halt on production, the company released a notice advising users to stop using the devices and turn them off amid safety concerns.

In September the company recalled approximately 2.5 million of the smartphones due to a battery defect which had been causing the devices to overheat and catch fire.

However, even after replacement phones had been issued to consumers, reports of exploding phones were still flooding in.

Initially Samsung only asked retailers to stop selling the devices, but after further investigation, the company decided to completely end production.

Samsung was unable to confirm how many devices were affected or if a formal recall would be put into place, however they did release a statement urging customers to turn them off and return them for a refund or different device.

President Obama Announces Space Exploration Ambitions

In a CNN op-ed on Tuesday, President Barack Obama outlined his vision for the United States’ space program which included his long-term goal of sending humans to mars by the 2030s.

In his op-ed, President Obama said he was “excited to announce we are working with our commercial partners to build new habitats that can sustain and transport astronauts on long-duration missions in deep space... these missions will teach us how humans can live far from Earth – something we’ll need for the long journey to Mars.”

President Obama placed a large emphasis on the need for continuous cooperation between the government and private innovators, also stating that private companies will be sending astronauts to the International Space Station within the next two years.

Concluding his op-ed, President Obama said his ultimate ambition for the United States’ space program is to one day send humans to Mars and have them safely remain there for an extended period of time.

Bob Dylan Wins the 2016 Nobel Prize in Literature

On Thursday, October 13, the Swedish Academy announced Bob Dylan as the recipient of this year’s Nobel Prize in Literature.

Dylan was honored “for having created new poetic expressions within the great American song tradition.” Considered a folk-rock legend, Dylan faced competition from other artists such as the Japanese author Haruki Murakami, Syrian poet Adonis, Kenyan writer Ngugi wa Thiong’o, and American author Joyce Carol Oates.

Dylan is the first musician to win the Nobel Prize in Literature, as well as the first American to win the prize since Toni Morrison in 1993.

Standing as the 259th American to win a Nobel laureate, Dylan is facing some backlash. Many Twitter users made tweets conveying their surprise and dismay at a musician winning the award, as well as some claiming the Nobel committee was simply being lazy.

Amid all of these comments, there are still many standing by the winner. The Permanent Secretary of the Swedish Academy, Sara Danius, was asked whether or not Dylan deserved the prize. Danius responded, saying, “Of course he does. He just got it! He is a great poet!”

IS JAPAN A LOST CAUSE? PT. I

Curtis Humm

Entertainment Editor

Last Thursday, William Kelly of Yale University came to Rose-Hulman to give a talk on Japan’s stability, or lack thereof.

Kicking off the lecture with flair, Kelly set the mood with an article on rentable priests. Apparently the latest service offered by Amazon.jp is indeed a method by which one can enlist the aid of a Buddhist Priest for a house call, making all sorts of everyday spiritual tasks that much more convenient. This brought about one of the main topics of the presentation: America’s views of Japan as this dissimilar, quaint, and at times flat out weird land that exists divorced from modern western culture as we perceive it; ultimately irrel-

“Japan molded its society..to rapidly catch up to the west, while maintaining a cultural identity unique to its own.”

evant to America’s interest as long as it continues to churn out episodes of Attack on Titan and installments of The Legend of Zelda.

Kelly proceeded to eviscerate this point. Reviewing over a century’s worth of history from the Meiji Restoration to the three-pronged Disaster of 3/11, Japan’s progress was outlined as a mirror to so called “western” culture. Drawing influence from German School Systems, American Factory Practices, and snappy Prussian Fashion, Japan molded its society throughout the previous century to rapidly catch up to the west, while maintaining a cultural identity unique to its own.

Once everyone was on the same page of the history textbook, the subject shifted to the meat of the topic. Kelly divided the remainder of the lecture into two clear segments: Japan’s current state, and whether this makes Japan a lost cause.

Modern day Japan can be summed up rather succinctly as precarious. Currently, population growth has ground to a halt; rural communities dwindle as the hyper-concentration in Tokyo is becoming more pronounced; individuals are marrying later in life; and job security is a dream, with the vast majority of the population working in the “perma-temp” industry; constantly moving from job to job with little to no stable income sources. These issues feed off one another in a brutal Catch -22, which is further exacerbated by the events of the current decade.

A large portion of the lecture was devoted to the events that have and will occur in the 2010’s,

specifically the disasters of March 3, 2011 and the upcoming 2020 Tokyo Olympics. During the now infamous 3/11, a 9.0 earthquake just off the coast of Tōhoku in the North Western region of Japan instigated a devastating Tsunami, which in turn induced failures in the Fukushima nuclear power plant.

Kelly put a human touch to the devastation, relating the anecdote of the Otsuchi Village “Wind Phone,” an understated old-fashioned phone booth containing a single unconnected rotary phone and a ledger. Hundreds of individuals have made the pilgrimage to the unremarkable glass and wood box to call friends and family lost in the tragedy, signing their names in the ledger after seeking whatever closure they can find.

At the opposite end of the decade, Japan will be hosting the 2020 Olympics in four years, and construction is well under way all across the me-

tropolis. With staggering amounts of money being thrown into these projects, Japan is staking a large part of its future influence on the global scale into making a show of stability and power and the Dai Sanjūni-kai Orinpikku Kyōgi Taikai (Games of the 32nd Olympiad).

Unsurprisingly, this was met with the usual gamut of controversy and outcry for all the usual reasons (corrupt construction companies, extravagant one-use stadiums, etc.), but also directing so much of those finances once more into Tokyo, while the north west struggles to rebuild in the aftermath of 3/11.

With the current state of Japan laid bare, Kelly dived whole heartedly into answering the stated question in three parts. The first: it must be maintained that Social Sciences, as well as any study involving those finicky creatures known as humans for that matter, are very different from the hard sciences. “Demography is not destiny,” as Kelly put it, “Social Science is not so much prediction as it is retro-diction.” Practitioners spend their time evaluating the past in order to gauge how the present came about, and using that information to make educated guesses and predictions about how the future will ensue. There are simply far too many variables for any predication to be one hundred percent accurate.

Next week, The Rose Thorn will present the second portion of this article, which deals in detail with Japan as a sustainable socio-economic model.

INSPIRING AND GUIDING

Mason Diebold

Staff Writer

Dr. Jason Winkle returned to Rose-Hulman Tuesday, October 11, to present a LEAD Workshop on Developing High Performance Teams. There is no hesitation to say that Dr. Winkle was more than welcomed by his audience on Tuesday, and was more than enthusiastic about his work and presentation.

The workshop was a fast-tracked version of a High Performing Team Pyramid, which focused on strong relationships, the alignment of personal and organizational values, and the ability to adapt to change.

The main focus of these three was on strong relationships. With a plethora of research to back up his arguments, Dr. Winkle displayed to the audience that employees who have friends at work, or students who work on group projects with friends, are more successful because of their comfort level and desire to push one another forward.

He went on to explain the ways in which a relationship is built. These ways include being present, which involves being curious, attentive, and empathetic. Relationships benefit from authenticity, as well as being thankful: “Gratitude is the greatest return on investment.”

After focusing on strong relation-

ships, Dr. Winkle explained that it is critical to have personal and organizational values in alignment. This increases trust, as well as overall happiness. He was also emphatic that students preparing to conquer the working world, find an organization with which values align. “You’re at the number one school in the nation, you can be picky.”

Lastly, Dr. Winkle went on to discuss the ability to adapt to change. He was very clear that change is hard, it is something that must be worked at, and people have a preset capacity for change. Dr. Winkle then warned that, as students move into leadership positions, there are three types of people in a workplace. 30 percent of those people will resist change no matter what, 50 percent will accept change, and the final 20 percent will be fully behind and ready for change.

The talk then ended with Dr. Winkle reminding those in attendance that as leaders, at least 70 percent of people will be behind choices for change, it will be scary, but if a foundation of trust exists, the comfort level of the entire team will grow.

Watch for Dr. Winkle’s next return to Rose-Hulman in the coming weeks, as well as in the spring.

“Gratitude is the greatest return on investment.”



There's a New Science Fiction Thriller in Town

HBO's West World embarks on ambitious world building series

Marc Schmitt

Editor-in-Chief

HBO's new science fiction thriller, *Westworld*, is ambitiously attempting to build another world for viewers. Following in the footsteps of HBO's hit-series, *Game of Thrones* and *True Detective*, the series has big shoes to fill. The network is certainly committing the resources required to accomplish that, spending an estimated \$100 million on the first 10-episode season.

Thus far it has received critical praise for its grit, storytelling, and world building. With five seasons already mapped out, it has the possibility of being an epic odyssey for viewers, and it has done an excellent job of getting them to buy into this brave new world.

Westworld is structured around a western themed amusement park for the ultra-rich filled with lifelike robots. These "hosts," as they're referred to by the park staff, are there to fulfill any and all of the visitors' urges. This is HBO, so visitors are frequently engaging in sexual intercourse and acts of brutal violence against hosts. This happens day after day, with the park reset each night and hosts refurbished after having been abused by park visitors.

The storyline centers on the park's staff, who are responsible for building the storylines and hosts that bring the world to life. We have been introduced to Dolores Abernathy (Evan Rachel Wood), the main robot who has been used in the park for over 30 years. Bernard Lowe (Jeffrey Wright), the park's Head of Programming, and Dr. Robert Ford (Anthony Hopkins), the creative director of *Westworld*, are responsible for creating and maintaining the robots. Theresa Cullen (Sidse Babett Knudsen), *Westworld*'s operations leader, and Lee Sizemore (Simon Quarterman), the narrative director for *Westworld*, are responsible for operations and additions to the park.

The series has been noted for its all-star cast of actors, including heavy hitters such as Anthony Hopkins, Jeffrey Wright, and Ed Harris, who plays the mysterious Man in Black.

The first episode introduces us to *Westworld*'s daily repetition, following Dolores as her day unfolds in a variety of increasingly violent ways. Teddy Flood (James Marsden), a host playing the role of a gunslinger, arrives on the train and happens upon Dolores while she is in town. She and Teddy return to her home to find her father has been murdered by bandits. Teddy kills the bandits but is gunned down by the Man in Black, who proceeds to rape Dolores, as he has apparently done many times before.

It is through Dolores' drastically different days that we are exposed to how the hosts are subjected to the violent urges of visitors. Violence is very much in the foreground on the show, and *Westworld* intends to explore how violence is used in the stories we find most engrossing.

The Man in Black has been introduced as a menacing character who has been visiting the park for at least 30 years. He is



It's a wild world out west.

Photo courtesy of weminoredinfil.com

motivated by attempting to find hidden levels that are available in the game. We follow him at the end of the first episode and throughout the second episode as he mercilessly interrogates hosts to sniff out clues leading to the hidden game. The character is mysterious from outset, and certainly draws viewers into guessing at what his role will look like throughout the series.

Outside of the stories created for *Westworld*'s visitors, the staff are facing their own spiraling problems. In the first episode we learn that hosts are beginning to malfunction, breaking from their pre-programmed stories and behaving in unexpected ways. Dr. Ford has introduced "reveries," an attempt to give hosts spontaneous expressions of emotions, a touch of the face or movement that further blurs the line between human and robot. Bernard Lowe discovers that these reveries are the cause, but unknown to staff, reverting the update does not seem to undo the damage done. Unexpected behavior among hosts appears to be spreading throughout episodes one and two.

With instability on the horizon, viewers will find themselves drawn into what will happen in the chaos to follow. Will the number of malfunctioning hosts continue to grow? What will the man in black find as he makes his way to the deeper levels of the park? How will visitors and park staff react to hosts that behave in unexpected ways?

These are the questions that will drive viewers in the episodes to come as we learn more about this futuristic amusement park where all is not as it seems.

Westworld airs on HBO on Sundays at 9pm.



Keanu Reeves' Excellent Adventure

Possibly known as 47 Ronin

Joseph Lee

Staff Writer

"Dude!" It's time for the "most excellent adventure" of 47 Ronin. I'm not talking about gathering historical figures



to ace the report and form a most unrivaled band. Instead, the theme is REVENGE! "Woaah!", right? It appears Keanu Reeves (Ted from *Bill and Ted's Excellent Adventure*) has taken a darker path, one with themes of revenge, death, and killing. Maybe Ted and Bill had a falling out when their band started receiving some success? Whatever the case may be, the telephone booth time machine has definitely been used, as the time is no longer 1988, and the place no longer Dimas. Instead, it's 18th century Japan.

Jokes aside, *47 Ronin* centers around 47 ronin and Kai (Keanu Reeves). Ronin is the Japanese term for a samurai without a master. Simple, right? Well, the premise is more complicated than that. While the movie focuses on a real historical event involving 47 ronin, it also contains several legendary creatures that are only seen in legends and folklore. This comes into play with Kai, a half Japanese and half Western, who was trained to fight by the Tengu (one of the legendary creatures). Thus, the same way Neo (*Matrix*) knows Kung Fu, Kai knows the way of the sword. Kind of makes you question whether Ted knows a martial art. Anyway, the story begins when Asano, the master of the titular samurai, is caught in an egregious setup, causing him to attack a shogunate official (basically a higher ranking government official). Attacking someone of such rank resulted in Asano being sentenced to death. Without a traveling phone booth, the execution takes place, and results in Asano's samurai becoming ronin. With

the premise set, the main story ensued: The revenge of Asano's death. Kai, while not a samurai himself, helps out in this endeavor. It's almost like he's "the one" (hint* hint* nudge* nudge*). However, it's safe to say that the world is not at risk (unlike the *Matrix*), and the story is really a tale about seeking vengeance.

Nevertheless, a common theme can be found in the three Keanu Reeves' movies: (*47 Ronin*, *Bill and Ted's Excellent Adventure*, and the *Matrix*). In all three movies, outliers of society serve as protagonists. Bill and Ted were made to appear to be nonconformists to society where the teacher and Ted's father scolds them. Neo is the outlier by simply being "the one". Kai is only half Japanese which causes every other character in the movie to handle him differently. Maybe Keanu Reeves just likes being different? In the end, *47 Ronin* provides a new light upon Keanu Reeves, much different from Bill and Ted's *Excellent Adventure*. The movie mixes suspense and action well, but falls short in the sense of being the same mediocre Hollywood reenactment of historical events, similar to the movie *The Last Samurai* with Tom Cruise. However, it is possible the action, suspense, and the visuals may outweigh the "mediocrity" for certain audiences.

All things considered, I would give it a 3/5 or in other terms, a movie that might be worth a watch if one is bored.

No seriously, which one's Bill? Skull tattoo?

Photo courtesy of IMDb.com



The Three Pillars A Taste of Chinese Food in Terre Haute

Seun Ladipo

Lifestyle Editor

The small town of Terre Haute is well known for a few of its attractions in town. Although to me one of the greatest things about our slice of Terredise, is its selection of different food. From regional and national chains to mom and pop shops Terre Haute has never ceased to bring variety to any hungry night.

This week on the three pillars, I decided to try out a few chinese food restaurants in Terre Haute. I took a visit to China Garden, Eastern House, and Royal Mandarin to try out a few entrees.

For my first stop I visited China Garden off of Wabash Avenue. This is by far the smallest establishment out of the three, and is more of a takeout or fast food style restaurant rather than a sit down place. China Garden has the "traditional" american chinese entrees, ranging from the famous General Tso's Chicken to chicken tenders and fries. This is also by far the cheapest of the three restaurants, and could be a new favorite of yours if you're willing to sacrifice some of the ambience for a good meal.

Second on the list, is a trip to Royal Mandarin behind Baesler's. This restaurant serves a fusion of predominantly chinese cuisine but with some other asian entrees on the menu. Royal Mandarin definitely beats China Garden in both the quality of food and general ambience by a clear margin. However, you certainly have to fork over more for your meal. One downside to Royal Mandarin is that it does close at 9pm every day except for sunday when it closes at 8pm, eliminating this restaurant for anyone wanting a late night snack.

Third on my list of places to eat at around Terre Haute is Eastern House. This establishment will play a trick on your senses as from the outside it looks like your run of the mill chinese restaurant but on the inside you will be very surprised to find one of the nicest restaurants in Terre Haute. This is by far the most

expensive chinese restaurant but you won't leave this place disappointed as long as you can pay a few extra dollars and drive a little farther than the other two restaurants. The one thing I really don't like about Eastern House is that they don't deliver to Rose but that is a small compromise to make for a great meal.

I hope my tips this week help you satisfy your need for the best General Tso's in town!



A popular entrée at all three of these restaurants is General Tso's Chicken.

Photo courtesy of daringgoutmet.com

Shoes From the Future

How Nike Tries to Make a Difference With a Pair of Shoes

Seun Ladipo

Lifestyle Editor

The Michael J. Fox foundation has teamed up with Nike in order to raise money for Parkinson's research. The two companies are doing so with a collaboration on the sneakers that Marty McFly wore in "Back to the Future". This shoe has been dubbed the "Nike Mag" due to its use with a levitating skateboard in the movie.

In 2011, Nike released the Original Nike Mag. Since then they have updated the 2016 version of the shoe and have added the self-tying functionality as seen in the movie. The shoe has buttons on the inside of each sneaker close to the tongue and tighten or loosen the laces. The shoes are also equipped with multiple sets of LEDs and a wall charger to keep them juiced up.

That being said if you want to get your hands on a pair of these shoes it is not as easy as going to footlocker and buying them. Nike and The Michael J. Fox Foundation have put 89 pairs of these shoes up for auction and the drawing for who wins the shoes is chosen in a



A pair of the well sought after Nike Mag.

Photo courtesy of Nike.com

lottery. In order to be entered into the lottery you must donate ten dollars to the foundation for one entry with no limit on how many entries one person is willing to pay for. The original Nike Mags raised almost ten million dollars for The Michael J. Fox foundation and parkinson's research, so we can expect an even larger turnout for these when they are sold.

If you are lucky enough to acquire a pair of these shoes you might want to consider selling your pair as well, as these shoes are some of the most valuable pairs on the market. According to stockx.com, a website that records data for the market of sneakers as a whole, 25 pairs of these shoes have been sold at an average of 8690 dollars apiece. The ones that were recorded in this metric were the less advanced model released in 2011 that lacked the self-tying capabilities of the 2016 model, so the newer ones should fetch an even steeper price. Those who do strike gold and get their hands on a pair of these shoes are sure to strike an impression on sneakerheads and fans of the movie alike.

The Death of Cable

Seun Ladipo

Lifestyle Editor

In the past decade, we have seen a serious shift in the ways we consume media. From picking up movies at blockbuster to getting movies in the mail from Netflix we have made many strides in the home media industry.

Over the last two or so years, more and more people have resorted to ditching cable altogether. With the average cable bill costing around 100 dollars a month, totaling to around 1200 dollars a year, cable has long been an expensive commodity, with these prices steadily increasing since the 90's.

People have resorted to subscribing to services such as Netflix, Hulu Plus, and HBO Now. When subscribed to these services, it would cost you no more than a third of the price of having cable itself.

Even for those that truly have a need for local stations you can now buy a high definition digital Antenna from any large store that sells electronics such as Wal-Mart or Best Buy. These allow you to watch live channels for a one-time fee of around 25 to 75 dollars depending on the quality of the product.

This mix of streaming options offers much more flexibility to viewers as they don't have to wait for their favorite show to come on. Additionally, these subscriptions offer their own original content that will release the entire season at once, eliminating the need to wait a week between each showing of the program.

Over this same time period we have also seen competitors enter the



Popular Netflix original series, such as Luke Cage, have really added to their popularity.

Photo courtesy of geek.com

movie business. The most successful of these, Redbox has seemed to find the happy medium between maintenance and accessibility. These Redbox kiosks have showed up in every corner of the world sometimes being separated by no more than a mile. These boxes did beat out the short lived blockbuster express (Blockbusters movie kiosk station) although, whether it will beat out these streaming services is the more interesting question.

We have also seen a sharp turn in the video game industry as buying a game directly from a digital store is as easy as ever. Downloaded games have been very popular among the computer gaming industry due online stores like Steam, Battle.net, and EA's Origin. These offer an advantage as games bought from here never have to be replaced as digital media does not scratch or break.

Files may sometimes get corrupted but these same files are often backed up in a cloud system.

Microsoft and Sony have jumped on this train and offered almost all of their games to be downloaded on their respective digital stores. Even games that haven't been released can be pre-downloaded so they can be played literally at the minute of release of that such game. This has led to a decrease in the buying of physical media as people are slowly going towards this digital option.

We can only imagine how much the industry will change in the future as we are slowly moving away from all of our old physical media. Cable, CDs, and physical storage may soon be a thing of the past if the trend continues on the path it is on now.

In Defense of Globalization

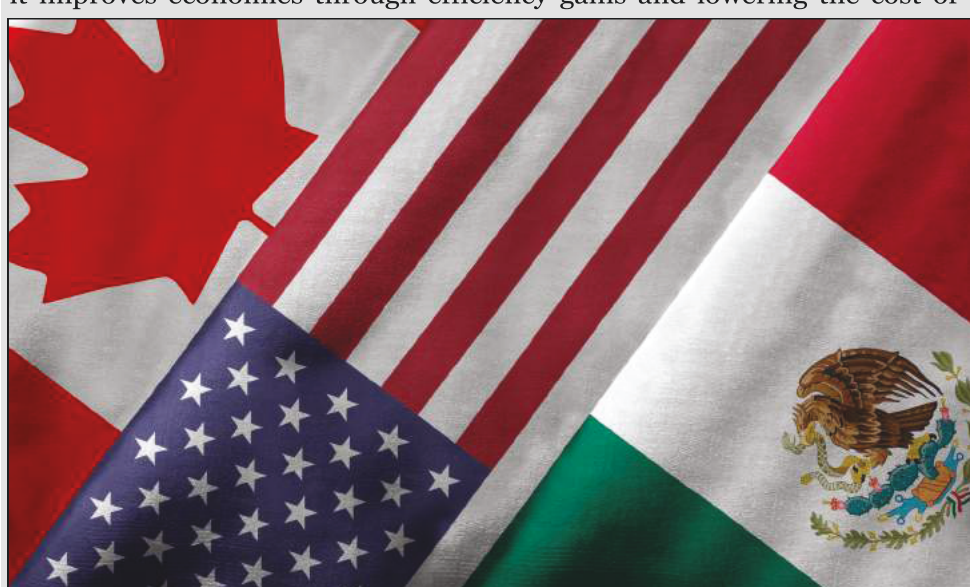
Marc Schmitt
Editor-in-Chief

In the current election cycle, we have seen tremendous sentiment about the failures of free trade. Agreements like NAFTA and TPP are used as attacks and held up as failures of globalization, which did far more harm than good. To say that public sentiment in the United States has turned against free trade is an understatement.

This is not unreasonable, as the benefits of free trade and globalization are difficult to see. The negatives are acutely felt by those who have been adversely affected by globalization, amplifying their calls for protectionist measures such as trade tariffs.

Nonetheless, it is important that we recognize that we have all greatly benefited from free trade agreements and the rise of globalization. Free trade with China has precipitously decreased the cost of basic goods and filled the shelves of big box stores like Walmart with cheap goods. Poor college students like ourselves and low-income workers are able to purchase more for less compared to when there was little free trade with China.

Economists of all schools will argue the benefits of free trade, and how it improves economies through efficiency gains and lowering the cost of



The Flags of the NAFTA Countries.

Photo via globalminnesota.org

“Poor college students like ourselves and low-income workers are now able to purchase more for less.”

goods. However, there are losers when it comes to free trade, and we have failed to adequately care for those individuals. People who lost manufacturing jobs in rural areas were trapped, unable to find a new job because they didn't have the training or were unable to move to find new work. We need to provide assistance to these people.

It is also important to note that many manufacturing jobs were eliminated for many different reasons. Manufacturing has been on the decline as a percentage of jobs in the United States since 1950. A shift towards a knowledge based economy has assured that manufacturing is not a part of our economic future. Automation as well as cheap labor abroad has assured that manufacturing jobs in the United States are not going to play a major part in our economy. Let's not expend limited resources to attempt to get back jobs that no longer exist and instead focus educating people so that we can maintain our leadership in knowledge intensive industries.

We do not need to abandon free trade altogether. We still have so much to gain from a world where there is more free trade. As engineers we stand to benefit where our knowledge intensive industries can operate beyond national borders without obtrusive protectionist measures blocking our work. Our unparalleled skills allow us to dominate industries when there are no walls in our way. However, if we begin to put up walls around our economy, then there is nothing stopping other countries from doing the same. As a nation, we have far more to gain when we play on a free and level field, negotiated by free trade agreements.

As students and engineers we need to be vocal about our support for free trade. It is in all of our best interests to support free markets so that when we enter our industries we can compete on the global stage and reap the benefits of our excellent education. Furthermore, we need to support initiatives that work to offset the losses felt by people who lose out from free trade. This will help those calling for protectionist measures and reassure people that we as a nation are committed to free trade.

We cannot give up on free trade. Let us work together to fix it instead of scrapping it for protectionism that will hurt our economy, not improve it.

Two Short Takes: The Debates

Thaddeus Hughes

Opinions Editor

Anyone who's worked in a team and studied the dynamics of large democracies would be able to realize what happened here. We opened up the debate about all issues to the highest office in the land. We have forgotten the principles of republicanism and of localism.

Americans want a substantive debate. But the current setup simply does not allow for it. There is not enough time for all policy to be debated. We can't go through just one bill, since even the Affordable Care Act is 2,000 pages of bureaucracy. Not even every issue was discussed, and so many were clouded with statements like "I have a deep respect for women", which doesn't provide any evidence.

Democracy has failed. Not because it is flawed, but because we failed to embrace it and respect its limitations. It's been bogged down with bureaucracy, but most importantly, bigness.

To expect 300,000,000 people to agree on a single policy decision is opti-

mistic at best. To expect them to agree on an entire policy package is even more crazy.

How do we get a better democracy? Well, limit the choices. No, I'm not saying keep things two parties. I'm saying shift the issues away from the federal level.

Everyone wants to be a saint and save the day for everyone. But the true act of heroism is to try something out and let others learn.

Don't be disappointed at democracy. It was never designed to deliver this big of a government. Democracy works when it is dynamic and voting is more than saying yes or no. Democracy works best when you have a voice that can be heard, not just checked "yes" or "no". It works best when you're one in a group of a hundred, not hundreds of millions. Where you have pull. Where you can tip the scales singlehandedly. Where you can vote with your feet, money, and at the ballot.

Evelyne Maquelin

Staff Writer

Ask any voting American who they're voting for this cycle and you'll be greeted with one of three responses:

1. A very passionate and misinformed tirade in support of one the main candidates, probably including the line, "I know not many people like [candidate], but that's just because the media portrays them in such a biased way."

2. An equally passionate speech about how they're not voting, as well as whatever lackluster excuse they have to justify their passivity.

3. Total despair and disappointment.

I, like many of you I'm sure, fall into the third camp, and this last debate did nothing but reinforce the feeling. Every aspect of this election has given up and accepted its

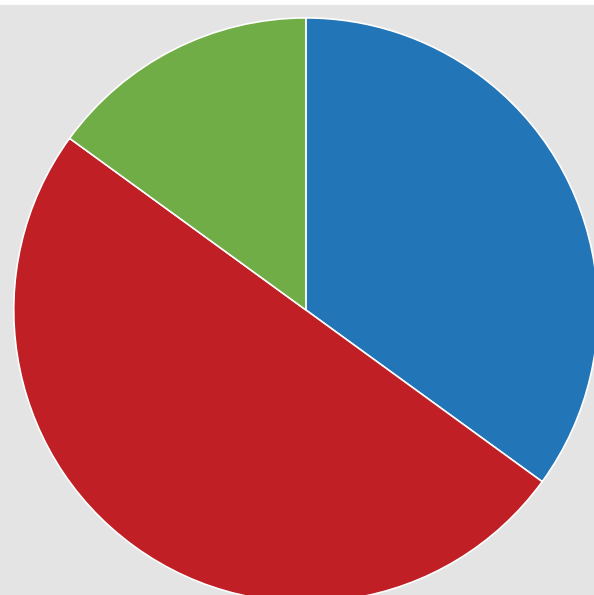
ridiculousness, while the American people shake their heads and sit tight until the 8th of November.

As college students, this is one of the first presidential elections we've actually paid attention to, knowing we'd be asked to respond come election season. The memes and jokes we make, while funny (all hail Kenneth Bone), leave a bitter aftertaste. There was nothing funny about the second debate, just the crushing realization that the US is so totally screwed.

What is there to do about it? I'm not sure anybody knows, and even if someone did, would any of us actually do it? This is the current state of our political system, and unless some miracle occurs, we're in for one hell of a ride.

Poll Results:

To Flip or Not?



Keep the Flipside Flipped!

Don't Flip it!

Mirror it!

Football Triumphs over Manchester

Quarterback Austin Swenson sets new passing record

Marc Schmitt

Editor-in-Chief

Rose-Hulman Institute of Technology faced off against Manchester University's football team at Cook Stadium on Saturday, October 15. The Fightin' Engineers handily won 44-9, dominating the game with an early 20-0 lead after the first quarter.

The game had added meaning as Rose-Hulman quarterback Austin Swenson, a senior biomedical engineering student, broke the all-time record for passing yards. The record was previously held from 2006-2009 by Derek Eitel.

The game began with a 69-yard drive by Rose-Hulman after Manchester won the coin toss. After nine plays, junior mechanical engineering student Kevin Dufauchard completed a three-yard rush to score Rose's first touchdown of the game. After a failed kick attempt by Matthew Murray, a junior chemical engineering and math student, the Fightin' Engineers were up 6-0.

A fumble on the first Manchester drive put Rose on the offense at their 28-yard line. After two plays, Swenson completed a pass to Alec Fisher, a junior mechanical engineering student. With a good kick from Murray, Rose was up 13-0.

Another touchdown and good kick attempt by the end of the first quarter put the Fightin' Engineers up by 20 points.

Rose added another eight points to their lead in the second quarter. Beginning their drive 43 seconds into the quarter, the Engineers scored a touchdown after completing a 59-yard drive, with a good kick attempt from Murray. The touchdown was scored off of an impressive 20-yard pass from Swenson to Michael Iacono, a junior mechanical engineering student. The score stood at 27-0 in favor of Rose.

Manchester was able to get two points in the second quarter after the ball was snapped out of Rose-Hulman's end zone. At half-time the score stood at 30-2, with Rose up by 28 points.

Rose looked to increase its substantial lead over Manchester in the third quarter, and did not fail to do so in spectacular fashion. A pass was intercepted by Tyler Brutofsky, a junior electrical engineering student, and returned 61-yards to score a touchdown. Murray's good kick attempt put the Fightin' Engineers up 37-2.

A Rose-Hulman drive late in the third put them up to 44-2. Swenson completed an eight-yard pass to Luke Kopecky, a senior chemical engineering student, with Murray completing another kick attempt.

In the fourth quarter Manchester managed to score a single

touchdown to put a dent in Rose-Hulman's lead. Starting a 22-yard drive at six minutes and forty seconds, Manchester player Harrison Price completed a two-yard rush to score the touchdown. A good kick attempt by Andrew Coe brought the game to 44-9.

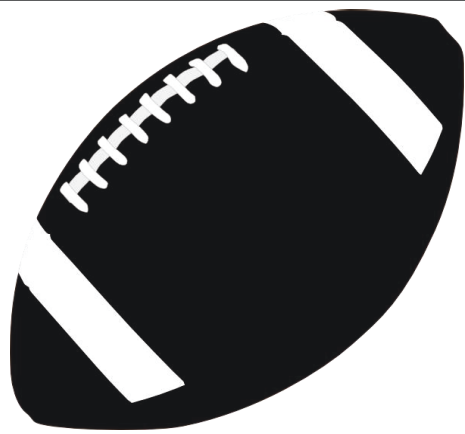
After Saturday's win the Fightin' Engineers stood at 5-2 overall and 4-1 in the Heartland Collegiate Athletic Conference. Manchester continued its rough season, dropping to 0-6.

Rose-Hulman football will be away at Franklin next Saturday, October 22.



Michael Iacono catching a 20-yard pass from quarterback Austin Swenson.

Photo by Rose-Hulman Athletics



Do you like sports?

Write for the Sports Section!

Email Thorn-Sports@rose-hulman.edu

Women's Tennis Heading to NCAA Division III Tournament

Marc Schmitt

Editor-in-Chief

In an excellent outing for Rose-Hulman Institute of Technology Women's Tennis beat Hanover College 5-4 to win the Heartland Collegiate Athletic Conference Title. The team will be heading to compete in the NCAA Division III Tournament in May.

Over the course of nine matches, three doubles and six singles, the Fightin' Engineers rallied to defeat Hanover. The decisive wins came late in the day with the final three matches deciding the outcome of the day.

The final and deciding match of the day was between senior Lauren Edwards and Susan Winternheimer.

Coming from one-set down, Edwards came back to win it as her teammates cheered from the sidelines. In an interview after the match, Edwards described the match as "very stressful," but persevered and focused on "staying cool and not getting rattled."

Rose-Hulman Women's Tennis finishes the fall season at 12-2 overall.



Women's tennis wins the HCAC title.

Photo by Rose-Hulman Athletics

Intramural Standings

Indoor Soccer

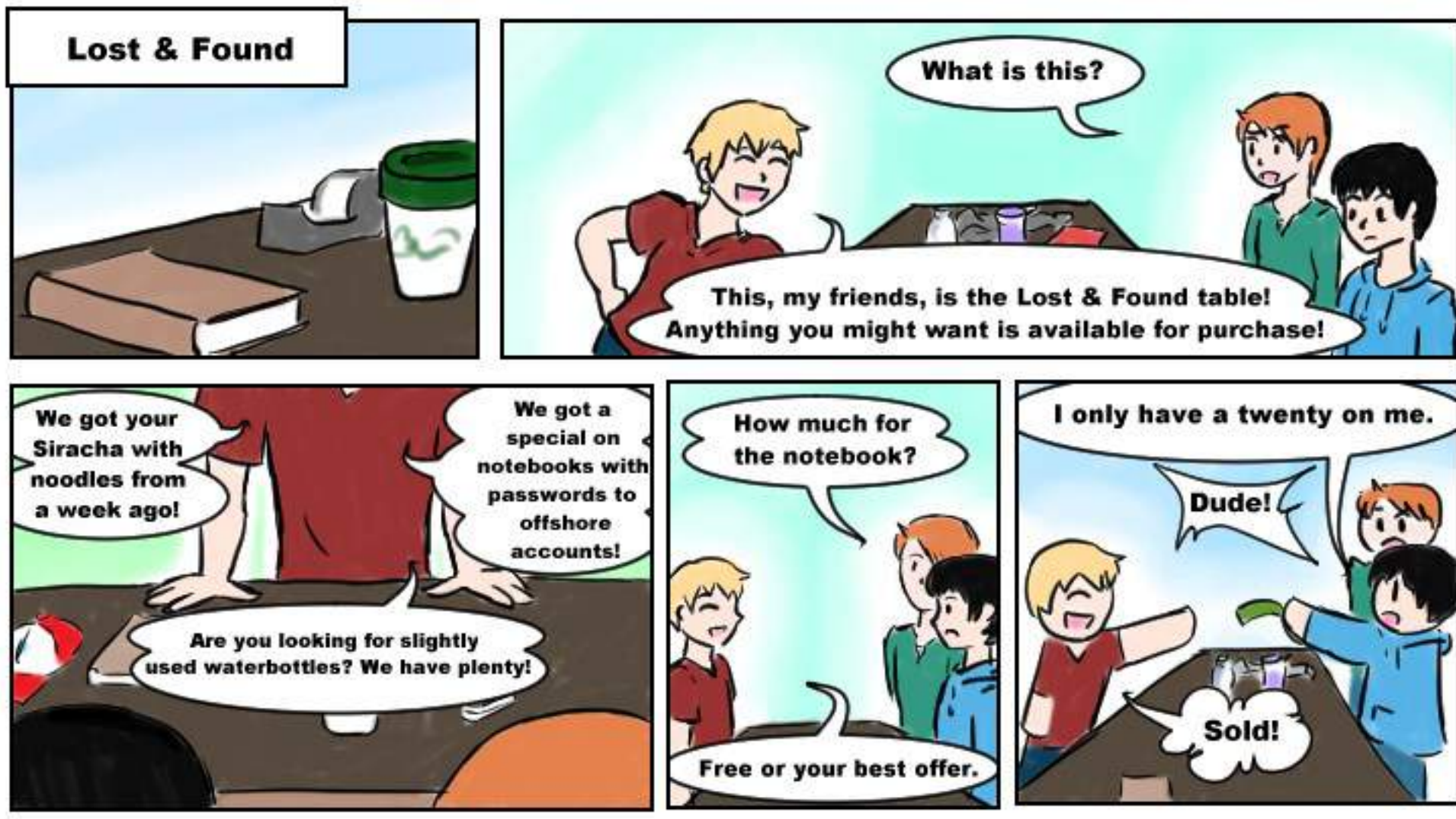
Flag Football

TEAM NAME	W	L	T	GP	STREAK	STAND-ING
Mario	4	0	0	4	W4	1ST
ATO-Harambe	2	1	0	3	L1	2ND
Pike A	1	3	0	4	L2	T-3RD
Triangle A	1	1	0	2	W1	T-3RD
Eurostars	0	3	0	3	L3	5TH

TEAM NAME	W	L	T	GP	STREAK	STAND-ING
Tuddys Out for Harambe	4	1	0	5	W1	1ST
ATO A	3	2	0	5	L1	2ND
FIJI A	2	3	0	5	L1	3RD
Triangle A	1	4	0	5	W1	4TH

TEAM NAME	W	L	T	GP	STREAK	STAND-ING
Hit Squad	4	0	0	4	W4	1ST
Girls of Deming FC	2	2	0	4	L2	T-2ND
Dad Jeans	2	2	0	4	W2	T-2ND
BSBeckham	0	4	0	4	L4	4TH

TEAM NAME	W	L	T	GP	STREAK	STAND-ING
BSBlindside	4	1	0	5	W4	T-1ST
Wood Elves	4	1	0	5	W3	T-1ST
Out For Harambe	3	2	0	5	L1	4TH
Game Good Good..	4	1	0	4	W1	T-1ST
Apartments West	2	3	0	5	L3	5TH
Waterboys	1	3	0	4	L2	T-6TH
Fun with Flags	1	4	0	5	L1	T-6TH



Top 10 Ways to Spot a Freshman

1. Nerd run (instead of just skipping class)
2. Fancy Laptops (those sleek new Dells...)
3. Smiling between classes (I haven't smiled in three years...)
4. Believing a good GPA is still possible (Hahahahaha...)
5. Involved in n number of clubs, where n is ≥ 3 (Ain't nobody got time for that)
6. Has seen the latest episodes (knows what's in theaters without looking online)
7. Asks: What's the ARA? (RIP ARA)
8. Complains about physics (as opposed to Emag or ADES)
9. Looks both ways before crossing the street (instead of trying to catch pokemon and trusting the cars to stop for you)
10. Has 3 plates of pizza, 2 bowls of ice cream, and 1 fresh salad at the Bone (Hello, Freshman 15)

WACKY PROF QUOTES

"Here is boxcar Willie, as much culture as you can get in a humanities course. Now you are well rounded children."

-Dr. Morris

[Staples] it's just that easy.

"Microsoft just wants world domination... just like me."

-Dr. Laxer

Fight the power!

"A preschooler could do this."

-Dr. Chenette on red/black trees

I think one needs to know more than just how to hold two different crayons to do this, Professor.

"Internet of things, it means we have no idea what we are talking about. We don't even have a name for it."

-Dr. Song

I like how specific you are, Professor

"I have taught at other colleges and people just take the first seat they come to. That is not true for you Rose students!."

-Dr. Carvill

We are the 1 %.

"Last time I had this class, I had a pod room. One day, I came in, made them count off and switch seats. They *bitched* so much, it was all over my evaluations."

-Dr. Carvill

You should have known better than to mess with the wild engineering student in their natural habitat.

Did your prof say something hilarious or just great out of context? We want to hear about it! Send your quotes with who said it to thornflipside@rose-hulman.edu.

Heard 'Round Campus

"What do you have to do before you put in your Verilog code on your FPGA?"
"Pray."

Fact of the Week

The Nazis made it illegal, on pain of death for apes to the Heil Hitler Salute.

(speaking of other strange things in Europe)

In 2008, UK police granted a weapons license to a seven-year-old child.

Engineering jokes

"Your mother is so fat, the recursive function to compute her mass causes a stack overflow."

"Love is in the air?
False! Nitrogen, Oxygen, and Carbon Dioxide are in the air."

"Classwork: $2+2=4$
Test: Johnny had 3 apples and he ate one, calculate the mass of the sun."