### Rose-Hulman Institute of Technology

### Rose-Hulman Scholar

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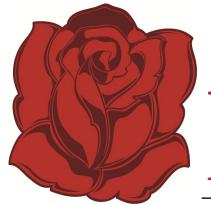
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ROSE-HULMAN INSTITUTE OF TECHNOLOGY • THORN@ROSE-HULMAN.EDU • FRIDAY, OCTOBER 17, 2014 • VOLUME 50 • ISSUE 05



Have you tried 'The Sims 4?"

Page 4



Enjoy the new season with new activities

Page 5



Should we be panicking right now?

Page 6



Fightin' Engineers demolish Anderson in homecoming game

Page 7

# Coming Home and Burning It Down

Bethany Martin • editor in chief

Rose-Hulman kicked off Homecoming Friday, Oct. 3 with a pep rally for the football game against Anderson College the next day. The hour-long pep rally was started off by performances by the pep band and cheerleading squad. The fall sports seniors were honored before the head football coach, Jeff Sokol, gave a speech and led a cheer with the help of the cheerleading squad, followed by President James Conwell, who did the same. Conwell then announced the winner of the Homecoming Queen contest, senior Jessica "Jess" Ahlborn, who was nominated by both Triangle and Delta Delta Delta. Following tradition, there were both cheer and banner competitions. Lambda Chi Alpha made the winning banner and Delta Delta Delta performed the winning cheer.

After the pep rally, students, faculty, and alumni gathered to watch the fireworks display light the 36.5-foot bonfire ablaze, another Rose-Hulman tradition. The 13 members of the Bonfire

Committee built the

bonfire, which took

36 man-hours, 1400

straw bales, and 30

gallons of diesel to

build and light the

rain-soaked wood. A

banner hung on the

outhouse at the top of

wood pallets,

the bonfire said "We love Meleyna," honoring the student Meleyna Kistner, who recently passed away. This year homecoming queen is During the fire, the Jessica Ahlborn. outhouse collapsed RHIT Facebook Page before it could fall down the channel in the center of the bonfire. However, when the outhouse did fall, it fell down the middle. The superstition that the football team would win if the outhouse fell down the center channel proved true

lege, 51-14 (see page 7). The Rose Thorn spoke to the Homecoming queen and asked her about her nominations.

when the football team dominated Anderson Col-

**Thorn**: Were you surprised to be nominated for Homecoming Queen this year? How did you feel about it?

Jessica Ahlborn: I was extremely honored to be nominated by both Triangle and Tri Delta. I was surprised that my chapter nominated me because the nominations were due during recruitment, and I was disaffiliated as an Membership Recruitment Counselor (MRC) at that time. It was rewarding to know that they still thought of me, and I thank them for their support.

**Thorn**: What did you think of the pep

**JA**: I thought the pep rally went really well, and there was a lot of enthusiastic support for the Rose-Hulman community and athletics. Coach Sokol's pep talk was humorous, and I'm happy it got the whole stu-

Thorn: Did you see the fireworks show before the bonfire? What are your thoughts on the fireworks through the center?

dent body ready for

the big game!

JA: They fireworks were amazing. I love how the lighting of the bonfire is different every year, and it is always a surprise to the student body. I am glad this year's went out with a bang.

Thorn: How did it feel to find out you had been elected Homecoming Queen?

JA: It was rewarding to know that I had so much support from the campus community. I love being involved, and getting to know people is something I find fun. The people of Rose-Hulman are a family, and I'm just happy to be part of it!

Thorn: Do you have any comments/thoughts about the game?

JA: I'm very proud of the football team for pulling out a big win during Homecoming weekend. All of our fall athletes have represented Rose well this season. Good luck to all the teams for the rest of this fall!



This year bonfire was about 36.5 feet and the outhouse was painted with the words "We love

**Courtesy of Nate Montgomery** 

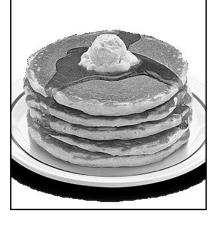
### **Dance Marathon**

Support Best Buddies Indiana at the Wabash Valley Banquet Center. October 18, 3:00 PM

### Diwali Celebration

Join ISA for their celebration of the Festival of Lights.

Union, October 18, 5:30 PM



### Tri-Hop

Come support St. Jude at Tri Delta's annual pancake dinner.

Union, October 19, 5:30 PM

### Cinderella

Enjoy the opening night performance of the fall play, Cinderella. Hatfield, October 24, 7:30 PM

### sports

Women's Soccer vs. Bluffton November 1 • 12:00 PM

> Football vs. Manchester November 1 • 2:00 PM

Men's Soccer vs. Bluffton November 1 • 2:30 PM

### Across 12 1. Arizona city 16 5. Pats on the back, say 17 19 18 10. Music from India 14. Like most basketball stars 20 22 15. Consumed with gusto 26 16. Hard Dutch cheese 8 9 17. Nuclear-explosion hot spot 28 29 31 19. Remove, in editing 7 9 3 4 32 33 34 36 20. Resin used in ointments 21. Flying toys 38 40 42 2 4 8 23. Gender: Abbr. 43 47 7 3 5 26. Has schooling 50 27. Union division 2 8 32. Sound of satisfaction 52 33. Noted New York 4 8 3 5 55 58 60 restaurateur 56 34. Extinct flock 62 63 3 6 38. Colorful perennial 66 67 68 40. Kurt of MTV 1 9 6 5 42. Central church area 69 70 71 43. Coffee before bedtime 3 1 8 45. Like German measles 47. Day of the wk. 27. Put in place, as cables 59. Egg-shaped 48. "Billy Budd" Oscar nominee 1. The M in GNMA 28. Elbe tributary 60. Boo-boo, in totspeak **51.** Developed into 29. Trendy 61. Nabokov opus

64. Beech's kin

65. Opposite NNW

- 66. Post-Mardi Gras period
- 67. Forum attire

58. Custer cluster

62. Novelist Rice

68. Year in the reign of Claudius

63. Opposite of nearby

54. Kate kisser in a tongue

twister

**55.** Kinda

- 69. Pep rally cheers
- 70. Became active
- 71. British statesman

- 2. Jazz pianist Hines

- 6. Pretzel brand

- 10. Snoopy's foe
- **11.** "Doe, \_\_\_\_\_, a female..."
- 12. Healer of Hellas
- 13. "What \_\_\_\_!" ("It's so
- 18. Bohr who advocated

- short

- 3. \_\_\_ gin fix

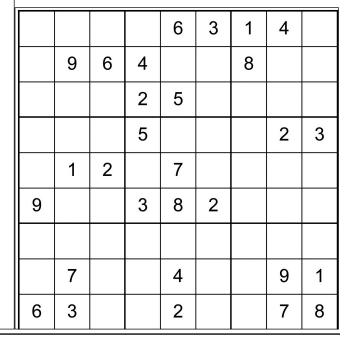
- dirty!")
- 22. Gardener's item
- 24. The Golden Bears, for

- 4. Graduate
- 5. Disobedient
- 7. Damselfish's home
- 8. Sound of a cat or engine
- 9. Mollycoddled

- sharing atomic secrets
- 25. Flourished

- 30. Expansion card, e.g.
- 31. Penetrate
- 35. Crunched numbers
- 36. Female egg
- 37. Trickle (in) 39. Computer input
- 41. Actress Charlotte and
- family 44. Wife, legally
- 46. Bar aspirants' hurdles,
- briefly
- 49. Soprano Tebaldi or Scotto 50. Aquarium reptile
- 51. Oniony roll
- 52. Octo plus one 53. Astute
- 56. Garbage-carrying boat
- **57.** "Cogito\_\_\_sum"

# Medini





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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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ISSUES of The Rose Thorn are published on the first through ninth Fridays of each academic quarter.

WEEKLY MEETINGS occur at 5:15 p.m. on the first through ninth Wednesdays 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. Submissions may be made by email to thorn@rosehulman.edu or in person to Hulman Memorial Union room 249. The submission deadline is 5:00 p.m. Wednesday.

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.

Issue 05 News 3

## **NEWS BRIEFS**

Marc Schmitt • staff writer

### **Supreme Court Allows Gay Marriage in New States**

A Supreme Court decision to let federal appeals courts rulings stand has immediately expanded the number of states that allow same-sex marriage from 19 to 24 states and Washington, D.C.

The states that permit gay marriage, which now include Indiana, Oklahoma, Utah, Virginia, and Wisconsin, now encompass nearly 60 percent of same-sex couples in the United States. This precedent by the Supreme Court could lead to same-sex marriage being allowed in up to 30 states.

The surprise decision has possibly signaled the inevitability of same-sex marriage for the entire nation.

Critics of the decision have vowed to redouble their efforts against gay marriage, noting several federal courts that have yet to rule on the issue.

The decision was applauded by numerous advocates as a crucial milestone in the fight for the right to marry for same-sex couples. Couples were able to marry within hours of the court's announcement.

### Kobani Focus of Coalition against Islamic State

The Kurdish border town of Kobani became the focus of the fight against the Islamic State (IS) terror group, symbolizing the West's complex role in combating the growing threat.

The international coalition of over 40 countries, including neighboring Turkey, has been hesitant to act against the forces that some believe are on the verge of taking the symbolic town. IS forces could be seen moving around in the open operating with impunity as Turkish tanks sat parked across the border.

Turkish President Tayyip Erdogan has asked for a nofly zone over Kobani before any Turkish forces would act against IS. However, Mr. Erdogan has been even more hesitant to come to the aid of the Kurdish town as he fears helping the Kurds, who have been waging a long war for independence from Turkey.

Mr. Erdogan's inaction, despite a parliamentary vote allowing military operations in Syria, has driven a wedge between the United States and a close ally. The U.S. been granted approval for using the large North Atlantic Treaty Organization base located in Turkey for operations against

Similarly, the U.S. has hesitated throwing the full force of its military behind the campaign to "degrade and ultimately destroy" IS. Critics of President Obama's foreign policy have noted the administration's unwillingness to confront Bashar al-Assad, president of the Syrian Arab Republic, who has confounded their efforts against IS.

Critics have also questioned the effectiveness of the international coalition if the town of Kobani were to fall despite such an abundance of force available to fight IS. However, as of yesterday, bombings by coalition air forces halted the terror group's advance, allowing Kurdish fighters to retake ground in Kobani.

### **Markets Experience Volatility as Economy Falters**

Markets across the world have been struggling with high volatility as investors feared numerous signs that the world economy has begun to falter. Investors were primarily concerned about negative signs that the Eurozone, the largest single economic area, was in danger of suffering from deflation, and a central bank conflicted on how to fix the issues.

American markets experienced the majority of volatility as investors unloaded positions in domestic and international stocks and piled into government bonds, a sign of poor investor confidence in the economy. U.S. 10-year bond yields were pushed down to under the two percent mark, which has not occurred since January 2013.

Across the pond, Southern European bonds reached their highest yield in several years from fears that Greece could not meet its financial commitments.

Market volatility has been expected to return after a relatively calm year of impressive stock performance. However, the compounding factors of a poor economic outlook, falling oil prices, the Western African Ebola outbreak, and the threat of the Islamic State in the Middle East has left much for investors to fear.

## Rose Community Learn About Different Cultures Through Food

Elena Chong • news editor

On Wednesday, Oct. 15, the Rose community was able to taste food from different cultures and countries and learn interesting facts about autumn holidays across the globe.

The Harvest Festival is a yearly event organized by the Diversity Council and sponsored by the Center for Diversity. The main coordinators of this year's event were Dr. Richard Anthony, Chair of the Diversity Council and Associate Professor of Biology and Biomedical Engineering, and Dr. Luanne Tilstra, Director of the Center for Diversity and Professor of Chemistry. The main purposes of this event were to educate the Rose community

about the different harvests in other countries and to make the campus more diverse.

The theme of the Harvest Festival was to understand the differences in harvest traditions from one country to another, similar to the American Thanksgiving tradition celebrated all over the United States.

Brazil, China, England, France, Germany, Ghana, India, Ireland, Japan, Judaism, Korea, Latin America, Sweden, Thailand, United States, and Vietnam were among the countries and featured at the event.

According to Dr. Tilstra, many student organizations expressed interest in the organization of this event by representing different countries. The students and clubs who represented a country were given a budget to prepare traditional food from the country.

"Because Rose values educating people about different culture, Rose is willing to invest in this education," Dr. Tilstra said.

Attendees were able to have fun by filling in answers to questions about the harvest festivals in various countries. The answers were all posted on the informational posters of each country. This encouraged people to read the posters and learn interesting facts.

People who completed the questions with the correct answers were able to enter drawings, from which fifty people won prizes.



The Brazilians students represented their culture and talked about the harvest festival' in their country.

Photo courtesy of Laiz Nogueira

# **Students Present Research Work at the PHOE Poster Presentation Competition**

Elena Chong • news editor

Over 20 posters about students' spring or summer research or projects in science, engineering, or mathematics were submitted to the annual PHOE Poster Presentation Competition organized by the Physics and Optical Engineering (PHOE) department. This annual event commemorated the 30 years of optics education at Rose-Hulman and the International Year of Light.

Approximately 20 students were selected to present their posters Wednesday, Oct. 15 to the campus community including students, faculty, and staff. Some of the research topics were bionanotechnology, such as destroying the DNA of cancerous cells with nanotechnology, microelectrome-

chanical system designs like fabricating efficient super capacitors, complex mathematics such as finding solutions to equations, and many more interesting and cutting -edge topics.

The event lasted from 4:15 p.m. to 5:30 p.m. in the first floor of Moench Hall, specifically the Physics and Optical Engineering hallway, with judges Dr. Bill Kline, Dr. Adam Nolte, Dr. Sudipa Kirkley, Dr. Daniel Chang, Dr. Ashely Bernal, and Dr. Jennifer O'Connor.

Pizza and drinks were provided to everyone who attended the event.

The first place prize of a \$350 bookstore gift certificate went to Stephen M. Misak, Dan G. Dugmore, Kirsten A. Middleton, Evan R. Hale, Kelly R. Farner, Ken D. Choquette, and Paul O.

Leisher for their poster titled "Spectrally-resolved Imaging of the Tranverse Modes in Multimode VCSELs". The second prize of a \$250 bookstore gift certificate went to the authors of the poster titled "Engineering Relief for Haiti," Katie M. Peins, Andrea L. Schultz, Ryan G. Tanaka, Amanda E. Carlin, Joy L. Atzinger, Caleb N.H. Miannan, Sidnei G. Andrade and Emmanuel R. T. Smith. Consolation prizes of bookstore gift certificates were given to Jake Gould and Daniel Lauriola for the poster "Reinforced Concrete Frame Building Response Comparison Among Structural Analysis Tools," and "Optimizing FeSi Semiconductor by Means of Cobalt and Aluminum Doping," respectively.

# Melee in a Bottle

Peter Samyn • staff writer

From the second "Super Smash Bros" for Nintendo 3DS was announced I, and many others, have been skeptical of how Nintendo could possibly translate this series to the handheld. "Smash Bros." is known for its speedy combat, quick movement, tight controls, and amazing local multiplayer. Accomplishing these all on a handheld seems like an impossible task, but Nintendo and Namco have done the impossible. "Super Smash Bros." for 3DS takes what made the past entries in the series so great and crams it into a bite size package. A really big bite.

The new game mode that Nintendo is touting in this game is Smash Run. Smash Run is a single player and multiplayer mode that has players spend five minutes fighting off various enemies to gain enhanced stats. This includes stats such as speed, attack, defense, etc. At the end of the five minutes, players

with the stats that were earned. Nintendo's push for people to play it is a bit baffling because it is not a very enjoyable mode. The five minute beginning stage drags on too long and having to deal with weirdly different attributes in a match afterward is very hit-or-miss as to how fun

Classic mode, All Star mode, and Training modes all return with gusto. Classic has been enhanced to have multiple branching paths which allow players to decide on the fly which challenges they want to take on. Also, wagering coins in these matches makes the difficulty higher for greater rewards. All Star has the player fight every character by the year they were first seen. Training modes, such as multi -man fights and homerun contest are interesting challenges and provide good tools for learning the game. The roster is bigger than ever and nearly every popular character has returned for this entry. Along-

face off in a regular match side series veterans are new game extremely fun. characters such as Wii Fit Trainer and the villager from "Animal Crossing."

> There are even new third party characters on the roster: Mega Man and Pac Man. All of the characters play well, though some are not very unique. The roster in this game, like past entries, is prone to a number of 'clones' or characters with very similar move sets. Also, some franchises seem over-represented while others barely have any characters in the game. Lastly, there have been some characters left out that would have been great additions, such as Ridley from "Metroid" or Chibi-Robo.

> As soon as the game starts, the menu music grabs the user. Gone is the melodramatic strings, horns, and vocals of "Super Smash Bros. Brawl." In its place is a brand new theme that is bombastic and exciting. This holds true for all of the new music in "Smash Bros." for 3DS. Every theme is memorable and makes playing the

Nintendo has some of the greatest music in the history of gaming and all of the greatest tracks are here. In addition to Nintendo themes, there is music from Sonic the Hedgehog, Pac-Man, and Mega Man. The Mega Man music is simply amazing. The classic 8-bit chip tunes have been redone with guitars to great effect.

Local multiplayer is as fun as ever. Upon release, the multiplayer was pretty poor, but a patch has fixed that. With patch 1.02 there is no noticeable slowdown over wireless internet. The game runs great even with four players and loads of action. Online, the game plays far better than Brawl on Wii, but I have noticed some latency in matches.

The game looks amazing. Many of the stages are taken straight from "Melee" "Brawl" and retain all of the details from those games. I

find that incredible for the I found that I would keep 3DS. The game consistently playing the game just to hear runs at 60 frames per second, the boss theme over again. never slowing or stuttering. This game is a technical marvel and it is clear that it is pushing the 3DS to its limits.

Transitioning from playing "Smash Bros." with the 3DS controls does take some time, but it works fairly well. It is actually surprising how well the controls work on the handheld. There are times where the circle pad does not give the kind of accuracy that the player might want, but those times are very rare.

"Super Smash Bros." for Nintendo 3DS is a great game. It is remarkable that it even works on a handheld. In this case, it works incredibly well. This is a must-have game for any 3DS owner. A lousy Smash Run mode, less than optimal controls, and odd character choices aside, it's a great game.

Rating: 4.5/5 elephants



# "FIFA 15"

Morgan Escalera • staff writer

The new FIFA (Federation Internationale de Football Association) game is here and it has once again improved upon the previous iteration, only this time in a more dramatic fashion. For those who have never experienced the game of FIFA, this is an excellent introduction into the series and is incredibly enjoyable. With a franchise like the FIFA series, it is important to speak on the differences between this game and the ones that came before it.

My introduction into the FIFA series was "FIFA 12", and it only scratched the surface. I played "FIFA 13" a bit, but it was not until "FIFA 14" that I began to play well. The differences between each of those three games was minute graphical improvements and some technical differences that frankly as a casual player I could not notice. "FIFA 15" changed that.

For the new game, EA created a new game engine and along with the new face scan technology, the new game looks and feels better than the last one. The game flows a lot better thanks to the new dynamic camera angles, and the gameplay is refined to a greater extent, feeling more realistic than other titles. Bounces, deflections, dribbling, and passing all look more emphatic, while shooting and scoring goals feels just as good as it ever did.

One of the biggest changes in "FIFA 15" is massive commercial agreement that was reached between EA and the Barclays Premier League. Due to this, the Premier League games feel especially realistic, with all 20 of the stadiums digitally loaded into the game in excellent detail. Another important changes was the balancing of some overpowered strategies in the older games. Changes to moves like over-the-top through balls and heading make the gamer feel more accomplished with each goal. Online aspects of the game, most notably Ultimate Team, are also improved, though they remain essentially the same.

FIFA remains one of the most exciting sports game franchises. While there were not many changes this time around, the changes that were implemented were greatly appreciated, and nothing was really taken out of the game's core experience. This is great game for those who already love series and simply lovely to play for an hour at a time.

Rating: 4/5 elephants



# A Step in a Direction

Morgan Escalera • staff writer

"The Sims 4" is the latest iteration of the quintessential life simulation game series which came out early September. Coming into this game, I had experienced the unique charm of "The Sims" before with my time in "The Sims 2," spending many hours of my middle

school life with that game and "Rollercoaster Tycoon."

Entering into the game, the first thing that springs to mind is the sheer breadth of the interaction available to the player at the game.

are over 25 different portions of the body that can be scaled up and down to the players liking, allowing for the character models to look very close to what the player would want. Most of the time players will put into the game, however, is not through the character creation screen but living their lives as these Sims. The new interface with which this is done is very much streamlined, with several tabs letting the player know what each character is feeling at the time.

The game feels a lot simpler than the one which I played as a child, but the amount of little things that the individual Sims can do is amazing. Cooking gummy bear cookies, reading a book that you wrote, and angrily passing people as they say, "hello," are some of the funnier things that I have been able to

do in my time with "The Sims 4."

However, what I feel is one of the weaker aspects of the game is the character interaction that goes on between Sims. While the gibberish language is entertaining at first, once again it comes down to the amount of options the player has to work with. The conversations feel all very similar, and while



One of many possible "Sims" houses gstatic.com

some the sponses can humorous, after a while it can grow to be irritating and somet i m e s

worthy. It isn't an issue that detracts from the game to a large extent, but it is something that could have been excellent at really selling EA's world.

As this is a life simulation game, most of its time sink properties are due to taking care of your Sim-eating, sleeping, hygiene, etc. However it is this portion of the gameplay which works well enough on a longer basis, and upon which replay ability for a game like this can be accomplished.

Overall the game looks and plays just as I expected it to, and though I would probably recommend playing one of the older Sims games first to gauge interest in the series, this installment is no black sheep.

Rating: 3.5/5 elephants



### Autumn activities for a fun-filled fall

Amaryllis Biduaka • lifestyle editor

Ah fall, a time for change in scenery, weather, and experiences. Aside from unboxing all your coats and sweaters, here are some other fun things to do in Terre Haute.

The first thing to do this fall, is to go see a play or a movie. The best thing about either option, is that you are inside and there are snacks involved. If you chose to see the fall musical, you should prepare yourself, first watch Roger's and Hammerstein's Cinderella. You can start jamming to the songs before you go to see the show.

Every month there seems to be a new movie out to watch. With Halloween looming, there will be plenty of thrillers coming out this month to fill your evenings with fright. If scary movies are not your thing, never fear. There are plenty of different and exciting movies coming to theaters soon.

Another thing to do is to take a stroll in Hawthorn Park. The park is Rose's backyard, and if you have not been there I highly recommend it. You can walk around the lake amidst the trees and relax in the beauty of nature.

If you are stuck on a homework problem, walking can stimulate your mind to think of other ways to solve it. Hawthorn is also a fantastic place to bring that special someone for a relaxing day or morning out.

If corn mazes or pumpkin patches are your thing, Pumpkin Works in Paris, Illinois is the place to go. At Pumpkin Works, you can participate in mazes both lit and dark. However, the straw mazes are tight squeezes,

so I do not recommend going in the mazes if you are claustrophobic.

Additionally, just as the name implies, you can pick up pumpkins and other gourds for all your fall festivities. Pumpkins can be picked up in the barn or you can take a hayride to pick your own.

Hayrides and Mazes cost a certain amount of tickets. It costs twenty-two dollars Friday and Sunday for unlimited maze access, twenty-five dollars on Saturdays for unlimited maze access, and tickets are three dollars each. If you end up not using all of your



Imagine getting lost in this corn maze at Pumpkin Works

Courtesy of pumpkinworks.com

tickets you can come back anytime because tickets are good forever.

If you want to have a taste of food from the local community, try visiting the farmers market. The market contains food from vendors within 100 mile radius of Terre Haute.

Once you are tiered of food shopping, you can visit museums, shops, and unique restaurants close to the market. The farmers market is outdoors on Saturdays from eight to noon at the Clabber Girl Market Place. The market moves indoors to the Clabber Girl Museum in November.

There are plenty of things to do to kick start the fall season. Whether it be enjoying a movie or traveling to new places. Take advantage of the foliage while it lasts. Though the weather can appear gloomy at times, it is nothing compared to the storms of winter.



Fall in love with the beauty of autumn by taking a stroll in Hawthorn Park

Courtesy of waymarketing.com

## October your Playlist

Amaryllis Biduaka • lifestyle editor

As summer winds down, it is time to change up those summer playlists to smooth fall jams.

These songs should help you get ready for the day to begin or help you relax as you wind down the day. Turn over a new leaf and try refreshing your playlists with these few songs.

The song "Say Geronomo" by Sheppard, is a peppy song that can help you get out of bed as you jump into your day, so to speak. Everyone needs a song to push them through the rough weeks. Once you are up and on your way, this song can motivate you to finish the last bit of work before turning it.

Now that it is officially sweater weather, now would be a good time to give song "Sweater Weather" by the Neighborhood another listen. This song is very relaxing and is great for when you are beginning to wind down the day. The song just makes you want to snuggle up with a warm cup of tea,



Jam to these cool fall songs and update your playlist

Courtesy of prevention.com

and just take a break from all the craziness at Rose.

The final song that fits the current mood at school is "Out of the Woods" by Taylor Swift. Everyone wants to know if we are out of the woods of this quarter, and this song asks that question. It is not as peppy as "Say Geronomo", but it definitely fits the mood of everyone during test weeks.

These are just a few songs from the many new falls songs that should reach our ears soon. I hope that these suggestions can get you through fall.



Interested in being a staff writer for the Rose Thorn?
Come to the meetings at 5:15 every Wednesday in O259.

### The Ebola outbreak in the U.S. NOT CATCHING ON NOT THE SAME SITUATION

Jason Latimer • copy editor

By now you have probably heard about Ebola, the deadly virus that has swept across West Africa and has crept into the United States. According to the World Health Organization (WHO), this current outbreak of Ebola, the largest ever seen, has a fatality rate of about 50 percent and has killed over 4000 people. The WHO also says that about 1000 people contract the disease per week,

To be fair, these are scary facts. It is because of these facts that many people are concerned about the disease. However, it is imperative that we frame these numbers in their proper context. Americans have no need to be afraid of Ebola spreading in the United States, and you should not worry at all about catching the virus.

The environment in Africa in which Ebola is thriving is vastly different from that of the United States and from the rest of the developed world. Living conditions in many parts of West Africa are not sanitary. Many parts also do not have clean water. They do not dispose infected bodies in a safe manner. They do not have modern medical facilities and equipment available to treat the infected. All the factors that allow Ebola to spread in Africa are not present in the U.S., so the possibility that an Ebola outbreak will occur here is extremely unlike-

Only one person, a Liberian national, has

## Stay away but this number could swell to up to 10000. from people spewing fluids

died in the U.S. from Ebola, and the only two people in the country who currently have it were healthcare workers at the hospital in Texas in which that victim was treated. They contracted the disease because they came into contact with his bodily fluids while he was showing symptoms of the virus such as fever, vomiting, and diarrhea.

That is the only way to catch Ebola. So as long as you stay away from people who are spewing bodily fluids everywhere, you should be good. But don't you normally do that?

That does not mean that we do not need to be careful about bringing Ebola into this country. It is still a very dangerous disease. Travel bans from countries struggling with the Ebola outbreak might be a bit extreme but extra screening at airports should suffice.

Is anyone to blame for Ebola in the U.S.? Hardly. Any claims that a political party is at fault for the outbreak ignores the reality that the Center for Disease Control and Prevention has received plenty of funding from both sides of the aisle. That's political bickering that comes with any big news story.

If anything, the CDC did not follow through on its responsibilities. It did not prepare the hospital in Texas to protect its workers, and it allowed one of the infected workers to fly to Cleveland on a passenger plane. However, they have admitted their mistakes and seem to be making a serious effort to control the dis-

If Ebola has caused any real trouble, it is that it has swept up the entire country in its hype and averted our focus from more pertinent matters. Like that exam you have next period.

**Derek Robinson** entertainment editor

Tune a television to any news station and within fifteen minutes you are likely to see some mention of the Ebola outbreak. Clearly the situation is dire as the African continent is making little headway with the virus and multiple cases have cropped up in the United States. To whom should we turn?

As it would turn out, Ebola isn't nearly the menace that corporate media would have us believe. While the disease is incredibly gruesome and deadly, infection is comparably quite difficult. Contraction requires a person to come into contact with an infected individual's bodily fluids. Influenza may be airborne, but Ebola is not nearly so easy to spread.

Ebola's only victim in this country was Thomas Eric Duncan, who had been sent home from the hospital after his first visit. To clarify: Duncan contracted Ebola days before coming to America and did not receive proper treatment. By the time he was admitted to the hospital, the virus had been working within his body for at least nine days, likely longer, as Duncan died ten days lat-

Before Duncan even came in contact with Ebola, four white American citizens working in Africa were diagnosed with, treated for, and recovered from the same virus. Kent and Amber Brantly as well as Nancy Writebol all recovered with the help of an experimental antibody over a month before Duncan was diagnosed. A few weeks later, Rick Sacra recovered with help from the aforementioned Dr. Brantly, and now at least one vaccine is in its final stages of human testing.

The only people to contract the ebola virus within the United States have been nurses working with Duncan. Whether containment is currently sufficient or not, avoidance is clearly not so difficult; we have seen two infections in a month.

medicine American being what it is, the disease simply cannot get a foothold. Quarantine is a simple and effective means of avoiding an epidemic-one for which the lack of infrastructure within the affected African countries does not allow.

While Ebola may be an easy conversation topic, Americans should be careful not to fall too much into the hype. We have next to nothing to fear. Do not be a part of media-hypeadvertising cycle. Go outside and read a book.

\*A special thank you to NPR for the facts used in this article

## California's sexy three-letter word

Katrina Brandenburg editor in chief

Late last month California governor Jerry Brown signed a new law, SB 967, into being in California that changes the definition of consent for sexual activity. California is the first state during the recent, nationwide wave of reforms to how on-campus sexual assault is addressed to pass a law, and this new law is the sexiest thing since the little black dress.

The bill contains a lot of wording about how exactly institutions of higher education are being held to compliance, but the key wording is here:

"Affirmative consent means affirmative, conscious, and voluntary agreement to engage in sexual activity. It is the responsibility of each person involved in the sexual activity to ensure that he or she has the affirmative consent of the other or

others to engage in the sexual activity. Lack of protest or resistance does not mean consent, nor does silence mean consent. Affirmative consent must be ongoing throughout a sexual activity and can be revoked at any time. The existence of a dating relationship between the persons involved, or the fact of past sexual relations between them, should never by itself be assumed to be an indicator of consent."

This single paragraph containing three sentences holds within it the power to clarify the previously murky situation of consent, hold perpetrators of sexual assault accountable, and empower someone who might otherwise have become a helpless victim. The grav area in which predators could operate without consequences has been significantly reduced. Holding predators accountable has become significantly more straightforward.

According to the New York Times, some administrators on college campuses are already commenting on the signs of positive results. These administrators say that disciplinary panels find it easier to fault a student for sexual assault with this new, clear definition of what consent means. Determining whether or not consent was obtained is now as conceptually simple as asking how consent was given in a way that was unambiguous and conscious.

Another, more important effect of the law is the change it can spur in attitudes. Raising awareness that there is something wrong with engaging in sexual activity before seeking affirmative consent is a great step toward changing a culture of victim blaming to a culture of responsibility and conscientious decision making. The carrot for receiving consent was always there in the sexual activity itself, but now there is a whip waiting at the back of anyone who does not take that critical step.

Why is this sexy? It is sexy because intimidation to silence, alcoholic beverages, or a sense of entitlement are no longer easy paths to sexually assaulting someone without consequences. It is sexy because it is easier to just not say, "Yes," than it is to say, "No!" It is sexy because paralytic fear can no longer be taken for

Most of all, it is sexy because California is doing something concrete to address the problem. So should every state across the nation. So should every student interested in sexual activity. Before taking off that sexy little black dress, ask for that sexy three-letter word.

Sports Issue 05

## Homecoming Win For Football

Miriam Remmers • sports editor

The Fightin' Engineers exploded, gaining an early lead that led to a crushing 51-14 victory over Anderson College during Rose-Hulman's annual homecoming game in Cook Stadium on Saturday, October 4th.

Surrounded by enthusiastic fans, students, and alumni the Fightin' Engineers jumped out to a commanding lead of 37-7 by the half, allowing Anderson to score only

Rose-Hulman held a 20-0 lead in the first quarter as junior Aaron Abbott, freshman Michael Iacono, and sophomore Alec Fisher each scored a touchdown.

Anderson managed to bring the score to 20-7 with a score early on in the second quarter but could not compete with the 17 points the Fightin' Engineers garnered on two more touchdowns and a field goal. Junior Craig Larew kicked the 25-yard field goal which pushed the score to 23-7 while Fisher and sophomore quarterback Austin Swenson both added touchdowns.

The third quarter was scoreless for both teams, but early in the fourth quarter fresh-

> man Brandon lateral derson o n e

Volmerding ran a failed pass made by Anback 46 yards for the first defensive touchdown of his career. Anderson managed to wrangle another touchdown but Rose - Hulman capped an already impressive lead with more score by fresh-Zack Murphy with three minutes Rose-Hulman Athletics left to play.

The game ended with Rose-Hulman up 37 points and the team celebrated their victory by singing the fight song.

Swenson had a strong overall performance, finishing 27-39 through the air for 312 yards and three touchdowns total, while Fisher's two touchdown passes helped him tie the Rose-Hulman single-season school record of nine touchdown receptions for the season. Fisher made five receptions for 43 yards. The Fightin' Engineers rushed for 157 yards in a 494-yard total offensive perfor-

Aaron Abbott had ten catches for 70 yards in addition to his touchdown, while junior Jacob Dye had four catches for 78 yards, and sophomore Joe Moehrle contributed four receptions for 59 yards.

Iacono led the charge on the ground with his touchdown and 34 yards on nine carries while freshman Alec Thompson finished with 32 yards and was 2-2 through the air for an additional 25 yards. Senior Greg Lee added 28 yards.

Sophomore defensive back Kevin Nowak contributed seven tackles, one interception, two tackles-for-loss and one pass breakup to lead the defense, while freshmen Tyler Brutofsky and Jon Poore each had six tackles. Volmerding contributed a fumble recovery to supplement his fumble return for a touchdown.

After being handed their first loss of the season 31-17 by Bluffton October 11th at home, the Fightin' Engineers will travel to take on Defiance College on Saturday, Octo-



Sophomore quarterback Austin Swenson prepares to throw the ball during the Fightin' Engineers homecoming game against Anderson.

## Volleyball Falls To De-Pauw At Home

Miriam Remmers • sports editor

DePauw University bested the Rose-Hulman volleyball team in three sets at home on Wednesday, October

The Tigers relied on a very strong hitting performance in order to rally and win the sets 25-20, 25-14, and 25-14.

Senior Briana Harvey and junior Sarah Jensen led Rose-Hulman's offense with five kills each, with Jensen also contributing 11 assists.

Freshman Mackenzie Gossard contributed two service aces and three block assists, while sopl Morgan Dreyer added nine assists and ten digs.

The loss means Rose-Hulman drops to 11-14 on the season. The Fightin' Engineers will host Transylvania University in a Heartland Collegiate Athletic Conference match on Saturday, October 18th.



Freshman Becca Poppel jumps up to hit the volleyball during the Fightin Engineer's contest against DePaw.

## Women's Golf Takes 2nd At **HCAC Championships**

Miriam Remmers • sports editor

Rose-Hulman tied a school record with a second place finish at the Heartland Collegiate Athletic Conference Women's Golf Championship on Saturday and Sunday at Honeywell Golf Course.

The team performance placed them behind only Hanover College, whose twoday score of 643 bested Rose-Hulman's combined score of 673.

Ashton Foushee led the Fightin' Engineers with a two-day score of 146, earning the title HCAC Freshman of the Year.

Sophomore Peem Chanrotchanaphan also made the first-team all-conference squad, shooting rounds of 86 and 81.

Junior Hayley Vonder Haar and sophomores Erin Scully and Taylor King rounded out scoring for the Engineers with totals of 172,172, and 175, respectively.



Freshman Alex Foushee drives her ball down the center of the fairway at the HCAC Championship.

**Rose-Hulman Athletics** 

**Rose-Hulman Athletics** 

## Flipside

### WACKY

### Professor Quotes

"Plastic explosives... I don't want to tell you how to make those."

### -Dr. Allison

Are we not supposed to know already?

"This is sodium chloride, a crystal of table salt. Please don't lick it. I want to keep it."

### -Dr. Allison

Lickers keepers?

"You don't want the math lawyers coming after you, right?"

-Dr. Leader

You can't handle the truth! The Taylor Series will never end!

Rose professors say crazy things. E-mail them to the Flipside at thornflipside@rose-hulman.edu

### TOP '10' TEN

Best Things Post Ebola

Apocalypse

- Acceptable incest (hot cousins)
- Shorter line at Subway
- 3. Class enrollment caps: not an issue
- 4. No more stopping at stop signs
- 5. 0% unemployment
- 6. Supply and demand: everything is cheap
- 7. Hazmat fashion
- 8. Discount funeral prices
- 9. Less CO<sub>2</sub> emissions
- 10. No more learning about the Black Plague

