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THE ROSE THORN

ROSE-HULMAN INSTITUTE OF TECHNOLOGY • THORN.ROSE-HULMAN.EDU • FRIDAY, NOVEMBER 1 2013 • VOLUME 49 • ISSUE 07



saturday
mostly cloudy
52°/33°



sunday
mostly sunny
51°/39°



monday
partly cloudy
57°/46°



How will you keep entertained this Halloween? **Page 4**



There is good news about your coffee addiction. It might actually be good for you. **Page 5**



Trouble with bad costumes? **Page 6**



Three Rose-Hulman teams prepare for postseason tournaments. **Page 7**

Moving Things with Your Mind

Christopher Kodama
staff writer

Dr. Chiu, a professor on campus, is actively researching ways to read minds. In more scientific terms, Dr. Chiu is trying to analyze electric brain activity in the hopes of being able to map those electric signals to actual human actions and intentions. He gave a keynote speech on his work during the Integrated Research Collaborative (IRC) symposium last week.

At first glance, the ability to read peoples' minds seems dangerous. However, Dr. Chiu's intentions are nowhere near nefarious; he wants to find a non-intrusive method that would allow amputees to direct-

ly control artificial limbs with mental commands.

Human thoughts are encoded in the complex pattern of electric signals produced by neurons in the brain. If one were to decipher the electrical brain pattern of a given individual, they would be able to make several insights about what the given person was thinking about at the time of the measurement. Unfortunately, brain signals are very difficult to accurately measure. The standard method of measuring brain waves is with electroencephalography (EEG), which is a measurement method that involves placing electrodes on the scalp. The electrodes can detect a small voltage change that is created by the ionic move-



Dr. Alan Chiu, faculty member of the Applied Biology and Biomedical Engineering department.
Rose-Hulman.edu

ments in the brain. However, an EEG can't be used to obtain precise information about specific neurons. With enough electrodes, though, a source localiza-

tion technique can be used to find general areas (called "voxels") where the neural activities originate. Another technique, called Independent Component Analysis, can

be utilized to remove noise sources like blinking eyes or twitching cheek muscles.

Continued on page 3

An inside look at this year's Rose Startup event

Morgan Escalera
business manager

The Rose Startup event is a great opportunity for students to get to hear some of the most prestigious faculty and alumni speak about a future career in entrepreneurship.

This event is hosted by the RISE club and is scheduled for November 9th. This event will provide an intense learning experience over the course of the day.

In a recent interview with Dr. William Kline, the faculty advisor of the RISE club, he said that while most students do not pursue a career in entrepreneurship, especially directly out of school, it is certainly something that each and every student should seriously consider. It is not just a matter of taking a job after graduation,

but simply becoming aware of the opportunities that developing a business model around themselves and the merits of thinking independently. At some point in time, Kline remarked, a golden chance will present itself to Rose-Hulman graduates, and they owe it to themselves to have the skills to act on that chance. Conferences such as this one provide those skills and connections necessary to reach for it, according to him.

The keynote speakers are the headlines of the event, but all of the speakers are stars in their own right. Many of the speakers are well-known figures in the Rose-Hulman community, whether they be teachers, alumni, or local celebrities. Both of the keynote speakers are alumni of the Rose-Hulman community.

One keynote speaker is Jason Zielke, a philanthropist whose business ventures serve as a testament for other rising Rose-Hulman entrepreneurs.

The other is Mike Hatfield, one of the most prominent alumni in recent history; Hatfield Hall stands as a testament to his generosity to the Rose Hulman community. While he stands as the highlight of the conference, the day is sure to be full of other important speakers.

The conference is casual in nature but should be very informative. The event is set to be a full day conference on November 9th in the Kahn Room of the Union. It should last about 7 hours, ending around 4:30.



Current members of the Rose Innovative Student Entrepreneurs are gathered for a group photo.

Rose-Hulman.edu

All students are welcome to attend, and it is set to be the largest entrepreneurship conference of the year.

It is themed around the topics of technology and innovation, Rose-Hulman's specialty. This is not just for Rose-Hulman, however.

Local students from both ISU and St. Mary's have also been known to be in attendance of the event.

This is an opportunity for the students of the three colleges to network with alumni and to develop their interest in entrepreneurship.

events

"Jekyll & Hyde: The Musical"

This is a show that you will not want to miss!
Hatfield Hall, November 1, 7:30 p.m.

"Jekyll & Hyde: The Musical"

This would be your last chance to watch this amazing production.
Hatfield Hall, November 2, 7:30 p.m.



Harvest Festivals

Experience harvest celebration around the world without leaving campus.
Union, November 6, 4:30 p.m.

Rose Startup Event

Join this event if you want to learn how to become a successful entrepreneur.
Union, November 9, 9 a.m.

sports

Rifle vs. Tennessee-Martin

November 2 - 9 a.m.

Women's soccer vs. Manchester

November 2 - 1 p.m.

Swim vs. Illinois Wesleyan

November 2 - 1 p.m.

Football vs. Mount St. Joseph

November 2 - 1:30 p.m.

1	F	2	H	3	I		4	M	5	K	6	J	7	D	8	L		9	B	10	M	11	F	12	D	13	K	14	L		15	B	16	K		17	D		
18	H	19	M	20	I	21	K		22	J	23	E	24	F	25	D	⋮	26	F	27	G		28	M	29	K	30	G	31	D	32	L	33	I		34	M		
35	C			36	B	37	A	38	J	39	G	40	M	41	I	42	E	43	M		44	C	45	J		46	D	47	L	48	A	49	C	50	H	51	B	52	H
		53	D	54	M			55	D	56	G	57	M	58	D	59	C	60	K	61	G	62	J		63	B	64	M	65	J		66	H	67	B		68	C	
69	L	70	F	71	M	72	K	73	A	74	D	75	L	76	M		77	M	78	L		79	I	80	J		81	L	82	E	83	F	84	M	85	K	86	F	
87	E	88	F	89	L	90	E	91	J	92	E	93	A		94	A	95	K	96	A	97	E	98	M	99	G	100	I	101	D	102	G		103	B	104	H		
105	K	106	D	107	A	108	I	109	E	110	A	111	G	112	F	113	H	⋮																					

A 96 110 107 48 94 37 73 93
Done with the hands

B 103 36 15 63 9 51 67
Sleep inducers

C 49 44 35 68 59
Thorny flowers

D 17 74 58 46 55 106 53 12 31 7 101 25
Kitchen measurements

E 97 82 90 87 42 23 109 92
Confused (3)

F 1 88 112 11 83 26 86 70 24
Combativeness

G 30 61 99 27 39 111 56 102
Like a blackboard

H 104 2 66 50 18 113 52
Extends

I 41 100 79 33 108 3 20
Edible mollusk

J 65 22 38 6 91 62 45 80
Denizens

K 72 5 16 13 60 85 29 105 21 95
Wasted away

L 8 69 89 32 78 14 81 47 75
Short outing

M 98 57 76 28 19 64 40 43 10 71 54 34 4 77
84
Gives back in kind (3)



THE ROSE THORN

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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@rose-hulman.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 include submissions in the online edition at thorn.rose-hulman.edu, to edit submissions insofar 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

Miriam Remmers • staff writer

Planet Similar to Earth Discovered

On Wednesday, astronomers announced the discovery of Kepler 78b, a planet with a shockingly similar composition to that of Earth. Findings on the planet were initially published in August after it was spotted by NASA’s Kepler spacecraft.

However, information released this week by two independent teams of astronomers drew attention for their results that stated the makeup of Kepler 78b was largely the same as that of the planet which humans call home.

The two teams of scientists, one utilizing a telescope in the Canary Islands, the other using Keck 1 in Hawaii, autonomously came up with nearly identical answers as to what the density and mass of the planet were. Using technology that could detect undulations in the frequency of Kepler 78b’s star, Kepler 78, caused by the gravitational pull of the planet, both groups came up with densities of roughly 0.2 pounds per cubic inch. This is exactly the same as Earth’s, suggesting that Kepler 78b shares Earth’s iron core and rocky outer layers. However, just because its composition is the same as Earth’s does not mean that Kepler 78b is by any means hospitable to human life. Orbiting around its planet star in eight and a half hours (compared to Earth’s 365 day year), Kepler 78b is a scant million miles away from its star. This makes the surface of the planet roughly 3,500 degrees Fahrenheit, rendering the planet uninhabitable.

Syria Begins Destroying Stockpile of Chemical Weapons

The international watchdog group, the Organization for the Prohibition of Chemical Weapons in The Hague, announced in a statement released on Thursday that the joint team of its inspectors and United Nations officials who had been assigned the task of visiting the 23 declared Syrian chemical weapon production sites had found that the “functional destruction” of chemical weapons and their mixing sites as mandated in a deal brokered by the U.S. and Russia had been satisfactorily accomplished. 21 of the 23 declared sites were visited and determined to have satisfactorily disposed of their production equipment. The other two sites were deemed too dangerous to inspect due to the civil war that still grips Syria.

While some experts herald the destruction of the chemical weapons as a milestone, others remain more concerned about the 1,290 declared tons of chemical weapons that remain at President Bashar al-Assad’s disposal before their projected destruction in 2014. Over 100,000 people have died in Syria’s bloody civil war, some of whom fell victim to chemical warfare as recently as August 2. The reduction of these kind of armaments begins in the next phase of the United Nation’s mandated timetable, which ends in 2014, at which point the U.N. hopes that Syria’s destruction of their chemical weapons will be complete.

Red Sox Readily Beat Cardinals, Win World Series

Thousands of fans boisterously celebrated in Boston, Massachusetts as the Red Sox handily beat the Cardinals in Game 6 of this year’s World Series, clinching their third championship in the past ten years.

To many Boston fans, this title held a particular significance. Although the Red Sox swept the Cardinals in 2004 and repeated this performance with the Rockies in 2007, they had not won a World Series at home in Fenway Park since 1918, nearly a century ago. This victory rides on the heels of a last-place finish in the American League East for the Red Sox in 2012 and a less than stellar finish to the 2011 season.

This year, after beating the Detroit Tigers 4-2 in the American League Championship Series, the Red Sox went on to win Games 1, 3, 4, and 6 of the World Series, clinching the title with a 6-1 victory over St. Louis on Wednesday night. Boston pride was apparent throughout the city as skyscraper windows strategically lit up to spell, “Go Sox,” and fans awash in blue, red, and white materialized to cheer on their team. After the final strike out of the game, players poured out onto the field at Fenway to celebrate a remarkable season that no one could have seen coming a mere year or two ago.

Mind from page 3

After that, machine learning and pattern recognition techniques can be used to classify the EEG signals based on the location of origin, signal frequency, and time delays. As it turns out, this processed information is enough to predict with 86% accuracy the “intention” of someone; it can predict what action someone is thinking about doing. Currently, the types of actions that can be predicted are relatively simple, like “move hand forward” or “move hand left,” but even these simple actions could mean a lot to amputees who would otherwise have no

control over their artificial limbs. Some examples of existing methods of limb control include using auxiliary muscles for control or utilizing brain implants to directly measure neuron signals. The EEG method provides a considerably cheaper and less invasive alternative to current methods of limb control.

For more information on this topic, contact Dr. Chiu, who is a faculty member of RHIT’s Department of Applied Biology and Biomedical Engineering. His office is Moench Hall, D224.

Jekyll & Hyde Breaks Several Legs

Christopher Kodama
staff writer

Last weekend, the RHIT Drama Club performed the musical Jekyll & Hyde, which is based off the novel The Strange Case of Dr. Jekyll and Mr. Hyde, by Robert Louis Stevenson. The story follows a man named Dr. Jekyll (performed by Ryan Seale), a brilliant London scientist who wants to be able to rid the world of its evil side. However, his methods are deemed unethical by the Board of Governors in London, and he is forced to take drastic measures by testing an experimental potion on himself. The potion creates a separate en-



Ryan Seale, a junior biomedical engineering student, plays the lead role in this production.

Rose-Hulman News

tity in Dr. Jekyll called Mr. Hyde. Mr. Hyde is completely evil, with absolutely no moral principles; he roams the nights indulging in women and violence, and quickly becomes a notorious figure in London society.

The musical was very well received. Christopher O’Daniel, who played General Glossop, mentioned, “I thought we did very well. People came up to me personally and congratulated us on a job well done, which is always a good sign.” Dan D’Avello (Lakeside RA) commented, “I thought it was a good interpretation of the book while taking its own spin of events on the story.” Many people liked the liveliness of the cast members. “It was spectacular. Especially Triple G with those two swag canes!” exclaimed Denise Phua (Lakeside 4 resident). The musical was accompanied by an orchestra (led by conductor Norm Hanson), which was exceptional, according to multiple people who attended the musical: “The pit orchestra was excellent!” stated Logan Fagg (Senior EE).

For those who missed the performances last week, the Drama Club will be performing Jekyll & Hyde again next weekend.

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Keeping Halloween spooky

Ethan Hixon • opinions editor

I never celebrated Halloween as a child. That’s right. All of you people who got to go and get candy now know someone who didn’t. However, that doesn’t mean I don’t know how to get into the “Halloween spirit.” From what I’ve noticed, people are losing the ability to enjoy this special occasion. You don’t have to go “all out,” but here are some things to bring entertainment to you this season.

For all those gamers out there, find the scariest game you can. A good choice is the “F.E.A.R.” series of first-person survival horror-shooters, and if you don’t know the title already, you are in for a crazy ride. The games are designed so that the player’s blood thickens along with the plot. If you can make your way through any or even all of the games, you may find dark spaces and little girls terrifying.

Speaking of space, pick up “Dead Space” while you’re at it. A first-person shooter in space riddled with creatures ready to strip your flesh makes this survival horror a must for such an

auspicious occasion. A fantastic story simply adds to the experience. If that’s not enough, the game features two sequels that further improve upon the concept.

If you’re not into the shooting scene, try out “Silent Hill” or perhaps even “Amnesia.” Neither focuses on combat and instead forces you to hide in corners and hope the monsters don’t find you cowering in fear. The “Silent Hill” series is vast, sporting potentially hundreds of hours of gameplay and fright, while “Amnesia: The Dark Descent” is a standalone game.

Movies might be better in case a controller irks you.

“Halloween,” “Nightmare on Elm Street,” and “Friday the 13th” are just a few titles that come to mind.

flicks and any of their sequels.

The most important thing is that you just enjoy your-

ently every single store believes November to the end of January is Christmas) make this Halloween count



The iconic monster from “Amnesia: The Dark Descent”
pcgamer.com

If it makes you jump and look twice down dark corridors, then your top priority should be enjoying these

self. Since we will all have to endure the three months of Christmas music that will be played (because appar-

by finding something classic for this suspenseful holiday and enjoy being afraid.



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“Vengeance Falls”

Derek Robinson
entertainment editor

Generally, by the time a band’s been around for over a decade, the evolution of its musical identity becomes apparent. With its sixth studio album, Trivium has reached a level of musical maturity of which many bands only ever dream.

“In Waves,” Trivium’s previous album, divided their existent fan base between thrashers and fans of a more melodic metalcore sound. Some fans were so thrown off by the new, darker sound that they swiftly jumped ship, while others joined the fanbase after hearing that same new sound. The shift from wailing guitars and speed to melodic, chugging instrumentals was quite a gambit, and it certainly gave the band a new perspective.

“Vengeance Falls” takes its place somewhere between the two. The lead and rhythm guitars take very different roles, melding into a fantastic medley of metalcore grind and thrashy wail that, while perhaps unsettling at first, allows for a level of complexity and melody that the band hasn’t had before. Even as a fan, I had to take some time to let the album grow on me, but

it’s been well worth it. The album sounds both darker and more vibrant, heavier and more intense.

Heafy’s vocals on the album are much the same as his instrumental work - an obvious combination of style from both “Shogun” and “In Waves,” while being both distinct and superior to both. His use of scream is, as always, situational, and in this case leans more towards his natural voice. The lyrical meter can at some times feel choppy, but a closer look reveals this to be intentional as it flows with the instruments flawlessly.

This is an album meant to be experienced as a whole. Each song is fantastic, but they find a larger purpose within the album as a whole. The individual parts involve their own degree of skill, but where many bands emphasize the vocals or instrumentals, every one of these songs is a composition. The lyrics themselves are only as important as the instrumentals backing and even harmonizing with them. When properly experienced, the album’s movements and complexities felt to me like a heavy metal Mozart.

Rating: 5/5 elephants



Coffee: caffienated happiness

Bethany Martin • living editor

Chances are that in your life you have been told that caffeine and, consequently, the drinks and products that include it, are bad for you. This is not actually true: lab studies have proven that caffeine increases alertness and supplements memory. As a college student, this is good news. I am not one to like to depend on anything to get me going, and I have always been a bit skit-tish about coffee. However, I concede that there is absolutely nothing better than that first sip of Coke when you can feel the caffeine rush to your brain.

The coffee bean tree developed caffeine as a natural insecticide, which is a bit troubling. Well as it turns out caffeine is not lethal at the doses we ingest in normal cups of coffee. In fact, in order to drink a lethal dose of caffeine you would have to drink 150 milligrams of coffee for every kilogram (2.2 pounds) of you. As you drink this ridiculous amount of coffee your body is filtering

it and flushing it out of your system, which is why there are no recorded deaths due to coffee drinking. The only deaths that result from caffeine are the people who take too many caffeine pills and other supplements that are higher in dosage.



Caffeine makes you happy because it introduces dopamine.

coffeeamp.com

While caffeine is very physically addictive, it really has no other negative health factors. Other than getting a caffeine headache and a bit cranky if you don't get your daily fix, nothing bad will happen to you. Coffee and the caffeine it contains may even protect against diabetes (if you don't use too much sugar), cardiovascular disease, and even Parkinson's.

The average coffee drinker puts cream and sugar in their

coffee, which is fine if you monitor yourself. However, one must look out for the dangers of energy drinks. The caffeine levels in energy drinks are absolutely ridiculous, and so is the sugar content. These are the things you need to look out for as they can get you to a level of dependence that you don't want. There are other ingredients in these energy drinks that are troubling to be sure, but you should be aware of the density of caffeine in your drink.

Coffee and the levels of caffeine it provides are totally safe. The dosage will help you through your morning and day. There are side effects, but nothing that is too serious. I would recommend that, as we start getting into panic mode for finals week, you take a look at what you are drinking. Make sure that you are taking your medicine in safe doses.

Got Stress?

Lauren Santichen • staff writer

The weeks are counting down until finals, and every teacher seems to be piling on the work. With all this work comes the stress to get it done and succeed. Sometimes, simple studying isn't good enough and one feels like ripping his or her hair out. Don't. Instead of ripping your hair out, take a small vacation, mental or otherwise.

Left to Right –Most students at Rose are left-brain focused, meaning they work with logic and reason. Five days or more out of the week are used to exercise this part of your brain, but what about the other half? Give your logic a rest by doing something artistic. One doesn't have to be good at art to enjoy making things. In fact, the more illogical and abstract an artwork is, the more the right brain likes it. By doing this, one can take a break from studying and relieve some stress without losing too much time. And if you happen to get a picture to hang on your refrigerator, who's going to argue?

Road Trip –Not completely literal. A road trip can be miles and miles of highways and streets or simply grabbing your closest friends and hitching a ride to Walmart. The important thing is that you're away from your desk and enjoying time with friends. It keeps you up to date with the real world and might give you an idea for that thesis paper on which you were working before you left. Some of the greatest papers were written with friends or dreamed up away from the desk. So allow yourself a road trip to break the monotony of campus life and enjoy time with friends.

Party It Up –This week is Halloween when there are parties galore. Take a night off from studying and doing homework to play around and kill a couple of hours. Watch what you drink though because all that work will still be there in the morning. Nothing goes worse with a headache than an essay due Monday. Other than that, feel free to live it up and dance the night away even if it's only one night.

MAGIC IS AWESOME

Lauren Santichen • staff writer

Imagine a world of your own creation, filled with the land of your choosing and creatures beyond your wildest dreams. Imagine the ability to control them and battle against other world-creators in a game of wits, magic, and brute strength. Now, know that this world is real and is played every weekend in a game called "Magic the Gathering".

On Saturday afternoons in O159, the club meets up to enter into a tournament-like atmosphere. Every table is filled and cards litter the surface in a domain that only the players can see. At first, I was intimidated by the large number of guy players, but it turns out that Magic is for both guys and girls, no matter the age.

The President, Demetruis Vassar, was helpful in setting me up with a veteran, Steven, for a quick learning game. I want to say that the game isn't much different from Yu-Gi-Oh, but I'm sure followers of the game would be quick to shun me. Not only that, but the game has several cards that Yu-Gi-Oh does not. These include cards such as land cards, which enable summonings and spell cards. It also includes card types that defend against other types. For example, flying cannot be attacked by any ground monsters.

While I was playing, I learned that strategy is big not only in how you attack but also in how you defend. Unlike other card games, when an opponent attacks, you can choose to defend with another monster or let the attack through to yourself. Be careful though! You only have 20 life points to lose before the game is over.

Card wise, once you get past the initial color meanings, playing the cards themselves is relatively easy. Creatures summoned on one turn can't attack until the next where spells can be instantaneous and even be played on your opponent's turn. As long as you have enough land to back you up, you can become invincible.

When I played, I managed to get a small army set up with two flying type creatures and several large defenses. Using these, I was able to hack away at Steven's life points fairly quickly. I ended up winning 9-0, but I'm playing that on beginner's luck. I may have been good, but I'm sure Steven would have been better if he had had his own deck instead of the sample deck of 30.

All in all, Magic the Gathering is an interesting game that takes skill and strategy in order to come out on top. It was so much fun that I'm thinking of going back this Saturday. After all, everyone needs a little "Magic" in their lives.

Get to the gym

David Harvey • staff writer

It's the end of week eight, time to gear up for the end of the quarter, do homework, and finish projects. With all of that going on it gets really easy to let your workout schedule fall to the wayside. Or if you are more like I was freshman year, you haven't started a workout schedule. It's hard to get one started.

Working out is an important part of being healthy and doing your best in class. Here are a few tips to help you keep your workout going or get one started.

First, maintain a regular workout schedule. Scheduling your workout makes it more likely that you will prioritize it. In the same way that you don't miss scheduled group meetings, you won't miss your workout.

Next, track your progress. If you don't track your progress you won't see all of the improvement that you've made. This works hand in hand with maintaining a schedule as well. If you work out regularly and track your progress you can see exactly how you are improving. This acts as both a motivational tool and as a tool for improving. Tracking your progress allows you to know which exercises

you are getting better at and into which ones you need to put more effort..

Another important tip is to not overdue it. If you push it to the point that you are sick every time you work out, you are not going to enjoy working out and will be less likely to continue your plan. This does not mean to not push yourself, but it is better to start of easy and get more difficult as you go than to go too far in the very beginning.

Finally, the most important tip I can give is to ask for help when you need it. The gym is an intimidating place to go if you don't go very often or are unfamiliar with the equipment. If you are unsure what to do there are plenty of trainers and classes to help you get going over at the SRC or you can ask your friends that are more familiar with the gym. Asking for help will not only help you familiarize yourself with the facilities and equipment but will also give you accountability for your workout. In exercise, a little bit of accountability goes a long way. These are just a few tips to get going. Once you find something that works for you, stick with it and stay healthy.

“... a little bit of accountability goes a long way

Halloween

BAD TRICKS

Bethany Martin • living editor

According to “Mean Girls,” Halloween is the only day of the year that you can dress scantily and

I don’t understand the fascination with sexualizing anything and everything

nobody can judge you. I understand that as decent human beings we are not supposed to judge each other, but I have to disagree with the above statement. I don’t have any problem with you doing whatever you will in your own home, but I seriously do not want to see another sexy ladybug, skeezy

I am talking about rocking the Malibu Barbie bikini at the end of October. That just doesn’t make sense

nurse, or a morally ambiguous cop anywhere near my house. Respect yourself and my gag reflex.

I don’t understand the fascination with sexualizing anything and everything we do. As a grown woman, I cannot shop for Halloween costumes that are not absolutely atrocious and horrifyingly skanky. That may be my

fault for looking up Halloween costumes to begin with, but I cannot understand the appeal of dressing

up as slutty cop or a scandalous librarian. Unless you are going to dress up as a stripper or a hooker, you might as well own up to the fact and call it what it is. You are disrespecting every person that fills that profession. Police officers and librarians

are important people in this society; women should not mock their career choices by putting on a black mini-skirt and waving a nightstick around or strutting around in a skimpy office wear costume with fake hipster glasses on.

Showing a little leg or a little cleavage and leaving some things to the imagination is much better than letting it all hang out. I am talking about rocking the Malibu Barbie bikini at the end of October. That just

doesn’t make sense. There are things that should be saved for the beach and your home, but out in public I’d really appreciated it if you wore actual clothing instead of what barely could pass as swim-

wear during the summertime.

Now, you can say that some Halloween costumes are no worse than what you would normally wear, but that may actually

Walking around half naked on a college campus or in real life is going to get you judged

member that if you are going to walk around where people (and small children) can see you. College may be the time to be wild and free, but if you could do so in moderate Halloween costumes that won’t scar me for the rest of my life, that would be great.

Ethan Hixon • opinions editor

Candy. Not just candy, however. Good candy. This is something that has annoyed me for years about every other holiday. Easter has the nastiest chocolate imaginable, Valentine’s Day hearts bring despair instead of happiness, and Christmas candy can be downright depressing. So what could possibly counteract all of this horrible candy eaten every year by the general populace other than Halloween?

This is the single holiday that

g o e s all out. You like B a b y R u t h , S n i c k - e r s , T w i z - z l e r s , M i l k D u d s , or a n y - t h i n g e l s e ? W e l l have no fear b e c a u s e t h e s e beautiful tasty t r e a t s are g o - i n g to be out in force to - n i g h t . Y o u may be wonder - i n g why this means so much to me. Candy

Bitter Sweets

Derek Robinson • entertainment editor

Halloween is one of America’s beloved holidays, loved as both a paragon of personal expression and an opportunity to gorge on sugar-laden treats. You can dress up as you please, suggestively or as plainly as you choose.

Take a nice thrill with the less than savory people that are enjoying the night as well. Whether or not you agree with their costumes or actions, they have every right to gather tasty candy and enjoy being out with their friends.

Just keep in mind that personal expression includes not just your own, and that there’s a little trick in with your treat. Halloween isn’t puppies and rainbows, so just live and let live and take care of yourselves.

Dropping your bag and pouting like a child won’t solve any problems you have with others out on the same night as you. Also, that is how you get ants.

Nobody likes raisins in with their candy. Don’t be the raisin in someone else’s bag.

is more than just a piece of food to enjoy for a few moments. This creation is what separates Halloween from every other holiday in existence, not to mention being able to dress up however you please.

There is no other time in our culture to dress up. People get to let their hair down and have fun for a single night. What more could you ask for than hanging out with a group of your closest friends, dressed up as the most ridiculous things you can think of, and get handed free candy that tastes delicious for an entire night? A few of my favorite memories come from trick-or-treating with friends.

Sometimes you just need a break. Society is monotonous. You wake up at 8 AM, go to work, check in, eat lunch, check out, feed the dog, eat dinner, go to sleep. Rinse, wash, repeat. Getting the chance to let your inner child run wild for one night removes the shackles of a boring, ordinary life.

If you like zombies, vampires, werewolves, or anything else in this category, tonight is your night. Take the time out of your day just to enjoy a thrill from a scary movie, find that costume that will terrify your friends, or sit and enjoy that bag of Skittles you normally never get the chance to savor.

For me, I am going to enjoy eating whatever candy comes my way. A few scary movies might even reach my TV. No matter what, I am going to enjoy a holiday that helps normal people stay sane through the next three months of Christmas music, since people never seem to realize that Christmas is only one day of the year.

100 Words Respect

Ethan Hixon • opinions editor

I haven’t written this part before, so bear with me. I will keep this as short and sweet as one hundred words can keep this.

Respect. Easy enough word, hard to live by for most people. That snarky remark you have bubbling up inside? Keep that to yourself.

In a high strung society, this is

something that every person needs to keep in the forefront of their minds. Not everyone gets your humor or enjoys a stinging remark. The Golden Rule exists for a reason. This reminds people that goodness only comes from good acts.

Studies show that seven nice statements counteracts a single negative. The takeaway? Respect others and everyone stays happy.

Why join the Rose Thorn?

You don’t know it yet, but you want to crack jokes. You want to draw comics. You want to know all of the latest events. You want to stand up for something. You want to give advice. You want to write. Also, you want free pizza.

Thorn Meetings

Fall Quarter

Free pizza

Wednesdays @ 5:15PM

Olin 267

Free pizza

Women’s soccer prepares for conference tournament

Matt Dierksmeier • sports editor

The Rose-Hulman women’s soccer team will enter the HCAC Tournament, which begins Nov. 6, with the possibly of earning as high as the No. 2 seed. They still have one match remaining, but the Fightin’ Engineers have already secured their postseason berth for the first time since the 2009 season.

The Fightin’ Engineers battled top ranked HCAC opponent Hanover College to overtime, but would fall 1 – 0 as Hanover scored in the 92nd minute of action. Sophomore goalkeeper Lucinda Combs recorded 12 saves in a game where Hanover outshot Rose-Hulman 17 – 3.

On Tuesday, Rose-Hulman would then travel to Earlham with hopes of moving up in the HCAC standings. Looking confident early on, the Engineers would strike first in the match. Senior Nicky Wheeler scored for Rose-Hulman in the 15th minute on a break-away play.



In the Engineers’ 16 games this season, sophomore goalkeeper Lucinda Combs has recorded 11 shutouts.
Rose-Hulman Athletics

Earlham would retaliate right before halftime, evening the match in the 40th minute. The second half was dominated by the defenses until Rose-Hulman sophomore Helena Bomber delivered a cross to Wheeler, who then evaded one defender and connected with the back of the net for her seventh goal of the season.

Combs tallied 7 saves in a night where Earlham fired 15 shots and was awarded five corner kicks.

With the 2 – 1 victory over Earlham, the Fightin’ Engineers improved to 10 – 4 – 4

on the season and are 6 – 2 in HCAC play, placing them third in the conference.

The Rose-Hulman women’s soccer team will next be in action on Saturday as they host Manchester University on Senior Day. Manchester is currently the second ranked HCAC team with a 6 – 1 conference record.

Two members of the squad earned Capital One academic all-district honors. Both senior Rachel Johnstone and sophomore Mallory McDevitt were named to the team for their excellence on and off the field.

Volleyball rallies to make postseason

Matt Dierksmeier • sports editor

Winning three of their past four HCAC matches, the Rose-Hulman volleyball team has captured a spot in the HCAC postseason tournament. This is the fifth consecutive season the Fightin’ Engineers will make a postseason appearance.

In their most recent matchup on Wednesday versus Franklin, the Fightin’ Engineers earned a 3 - 0 sweep over the in-state conference opponent. This secured their spot among the top six HCAC teams.

Freshman Morgan Dreyer tallied 30 assists in the match to help Rose-Hulman to the 25 - 23, 25- 23, 25- 23 victory. Senior Kate Dangel added 27 digs, while sophomore Sarah Jensen finished with 14 kills, 13 assists, and 9 digs.

Rose-Hulman stands an even 4 - 4 in HCAC action and is 14 - 17 overall.

The regular season finale for the volleyball team is this Saturday versus Manchester University. With a win and some assistance from conference opponents, the Fightin’ Engineers are still in contention to host a first round game

in the HCAC Tournament. Kate Dangel, Catherine Fiutem, and Casey Levitt will all be honored before the game as part of the annual Senior Day match.

Dangel is currently fifth all-time in Rose-Hulman program history with 3.38 digs per set. With 0.65 blocks per set, Fiutem stands No. 6 in the record book. Levitt falls in the top 10 in three different categories.

As of Wednesday, all spots in the HCAC tournament have been secured. The Engineers will face of the following teams: Defiance College, Transylvania University, Mount St. Joseph, Hanover College, or Bluffton University. Last season, Mount St. Joseph claimed the title, while Defiance remains unbeaten by any conference foe this season. The top seed coming into the postseason has ended up winning the championship each of the past six years.

The HCAC tourney will commence on Tuesday evening with the winners advancing to play in the semifinal on Saturday. The championship match-up is currently scheduled for Sunday.

ONE AWAY

Matt Dierksmeier • sports editor

The Rose-Hulman men’s soccer team is one game away from making their seventh appearance in the HCAC Tournament in the last eight seasons.

The road has not been easy for the Fightin’ Engineers this year, who battled second place Hanover College last Saturday. Regulation time ended with both squads held scoreless. In the second overtime period, Rose-Hulman senior Mike Schiff hit a line drive toward the upper right corner, but a diving save kept the game level.

The match would end 0 – 0, keeping the Engineers unbeaten in HCAC play and atop the conference standings. Junior keeper Drew Miller recorded five saves in the tie; it would be his eighth shutout of the season. Miller would earn HCAC honors as Men’s Soccer Player of the Week for his play.


On Wednesday, the Fightin’ Engineers faced Earlham College. Coming in, Earlham stood third in the conference standings. In the match, both teams had their fair shares of opportunities, with Earlham closely edging Rose-Hulman 11 – 10 in shots. Only one of those shots though would find the back of the net, and it was to the advantage of Earlham. Their goal in the 59th minute would hand the Fightin’ Engineers their first conference loss.

With the 1 – 0 loss to Earlham, Rose-Hulman is now third in the HCAC standing behind Hanover and Earlham and is one game ahead of fourth place Transylvania University.

A win or tie versus Manchester University on Saturday will guarantee Rose-Hulman a spot in the conference tournament. The HCAC Tournament begins Nov. 5, in which the top four conference teams will battle for the postseason title.



Junior Drew Miller currently leads the HCAC with a 0.62 goals-against average.
Rose-Hulman Athletics



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Parents Discover Girlfriend is Fake

Siona Fine • Resident Ginger

Late Friday night, Senior Chris O'Daniel's parents discovered that his girlfriend is indeed, made-up.

"What was her name again?" his mother started.

"... Err Lance." O'Daniel muttered too quiet for his

parents to discern.

"Lance?"

"Nancy, I said

Nancy..." O'Daniel

recovered smoothly.

"Well, ok. Is she

coming to dinner

with us?"

"Uh... no, she's

just having car trou-

ble tonight. She'll

meet you guys to-

morrow," he stumbled, trying to make up for the fact

that she didn't come to the Family Weekend dinner.

When she caught encephalitis the next day, his par-

Do girls even go to

this school?

Top "10" Ten

Halloween Costumes

6. YOUR HOROSCOPE CONSTELLATION

7. CHANCEY ROSE

8. CAPTAIN JACK SPARROW (As

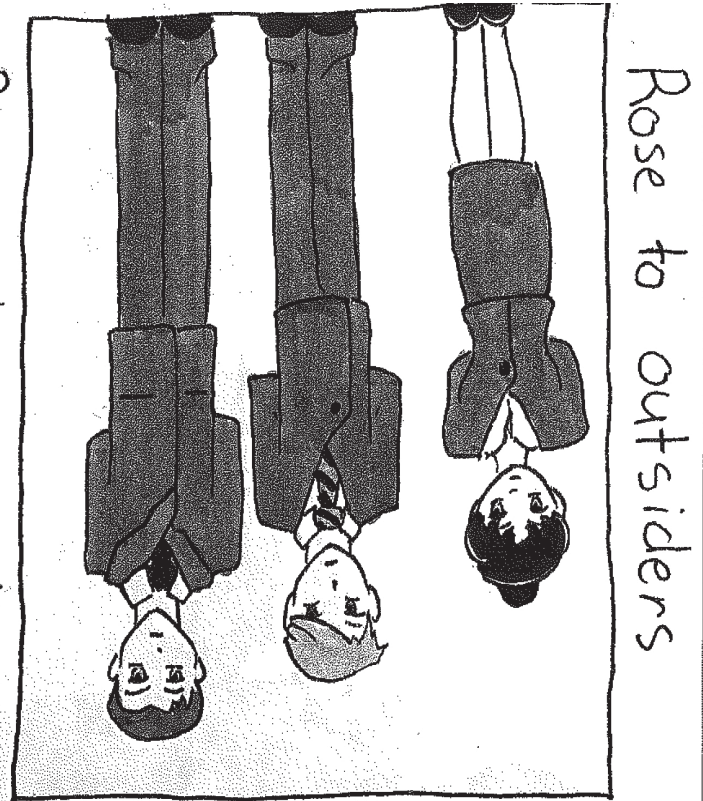
PORTRAYED BY MICHAEL BOLTON)

9. YOUR FAVORITE PROFESSOR

10. THE ELECTROMAGNETIC SPECTRUM

Heard 'Round
Campus

THE CLOSEST THING
WE WILL EVER HAVE
TO GANGS IS THE
FUTURE FARMERS OF
AMERICA



WACKY
PROF
Q
NOTES

Unfortunately, this feature cannot be sustained by one person. It requires the help of the entire Rose community. Please send quotes to thorn-flipside@rose-hulman.edu.

Horoscopes
All the things you
never wanted to know

ARIES:
Don't believe that fortune cookie. You won't be inheriting any money soon.

TAURUS:

Today is the greatest day of your life. Have fun! Also, sorry about the rest of your life.

GEMINI:

Your evil twin may be more dangerous than your evil doppelganger. Either way, you might want to get some good alibis for the next week.

CANCER:

You're going to feel crabby today. Try to stay positive, no one likes a Grumpy Gus.

LEO:

Don't get on cruise liners. Also, avoid debutantes.

VIRGO:

...Yes you are.

LIBRA:

Yeah, totally buy that lottery ticket. This time will definitely be different from all those other times.

SCORPIO:

You're going to get stung this week; it will probably be your fault.

SAGITTARIUS:

Tomorrow you'll feel the urge to start a new hobby. Don't do it. It will also be the cause of your death.

CAPRICORN:

Brush your teeth after eating all that candy. I guarantee you'll get a cavity if you don't.

AQUARIUS:

The stars don't have anything good or bad planned for you today. Try back next time.

PISCES:

Don't believe what people tell you. Watch out, Mr. Clean is right behind you with a big mop. Any test you take today will be positive.

FACT OF THE WEEK

A RESEARCH GROUP OF OLD RETIRED NEUROTIC ENGINEERS RESEARCHING YOUTH (OR- NERY) IS CURRENTLY DEVELOPING A COCHLEAR IMPLANT DEVICE WHICH IS DESIGNED TO HAVE A CUTOFF FREQUENCY JUST UNDER THE THRESHOLD OF THE FEMALE VOICE. ALL FILTERED SOUND WILL BE DEMINISHED BEFORE IT REACHES THE COCHLEA.