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Student Newspaper

10-11-2013

Volume 49 - Issue 05 - Friday, October 11, 2013

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Recommended Citation

Rose Thorn Staff, "Volume 49 - Issue 05 - Friday, October 11, 2013" (2013). *The Rose Thorn Archive*. 1289.
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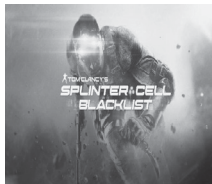
THE ROSE THORN

ROSE-HULMAN INSTITUTE OF TECHNOLOGY • THORN.ROSE-HULMAN.EDU • FRIDAY, OCTOBER 11, 2013 • VOLUME 49 • ISSUE 05

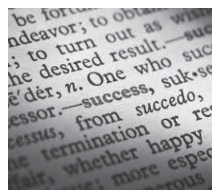
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t-storms
80°/54°

 **sunday**
showers
72°/49°

 **monday**
partly cloudy
70°/54°



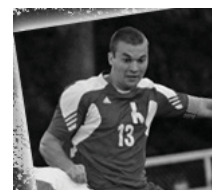
Step in and stop the
Blacklist. **Page 4**



Deal with your
midterm stress
the healthy
way. **Page 5**



Pranks: or
malicious?
Page 6



Four Engineers
earn HCAC player of
the week. **Page 7**

TEDx speakers bring new perspectives

Miriam Remmers • staff writer

The lights dimmed, silencing the buzz of voices in Hatfield Hall. TEDxRoseHulman was about to begin. Last Saturday night students, faculty, and staff gathered to hear six individuals speak about their “Ideas Worth Spreading” (TED’s motto). Those audience members who got lucky in the ticket raffle settled into seats in Hatfield Hall while others gathered in the GM room or streamed the content to their computers at home. TEDx events share the TED, which stands for Technology, Entertainment, and Design, conference format and ideals but are organized by the local community. TEDxRoseHulman featured six speakers with stories that inspire and should be shared as part of a global conversation.

The first speaker to take the stage was Herb Bailey, a 1946 electrical and chemical engineering graduate of Rose-Hulman. After earning his PhD in mathematics and working in industry, he returned to his alma mater to teach for almost 30 years, serving as Dean of Faculty for part of this time. Dr. Bailey’s presentation was entitled, “Applications of Mathematics in the Real World and ‘My’ World,” and drew from his vast experience with mathematical dilemmas. One such problem he authored, called “Walking with a Slower Friend,” ponders the best method, mathematically speaking, for an individual to slow down their pace of walking enough to maintain a steady conversation with a friend who strolls along at a more unhurried pace. Dr. Bailey closed his presentation with a piece of advice for the TEDx planning

committee, recommending that even though they had shown great skill in leadership and at “being the boss,” they should be careful not to be led into it unless they are sure that they truly enjoy it.

Quickly shifting gears, the next presentation was about street photography and called “Replacing a Preconceived Idea.” Vincent Dixon, the speaker, completed graduate school in Paris as a science major, but through a series of fortuitous events ended up as a commercial photographer. Dixon emphasized that a scientific education gives you the tools to move with rapid change and teaches you how to learn, citing his own experiences with the transition from analog film to digital film as an example. Quoting Niels Jerne, a Danish immunologist, Dixon said, “The role of a scientist is to replace a preconceived idea with a better one.” He followed that up by recognizing that it was extremely difficult to teach creativity. Nearing the end of his presentation, Dixon shared a thought provoking comment made to him by a Harvard professor, who had postulated that the half-life of the courses he taught nowadays was roughly six months.

A brief video interlude followed the first two speakers, in which Matt Cuts’ TED Talk played. Cuts challenged his audience to try something new and really commit to it for thirty days. He emphasized that small changes were sustainable and that if an individual wants something badly enough it is achievable.

One Rose-Hulman student has met three Pulitzer Prize winners, one Fields Medalist, eight MacArthur Award winners, seven Nobel Laureates, and three other people of ac-

complishment, attempting to learn all he could from them before they were gone. Ray Anderson, a transfer student to

high profile clients. Her presentation on Saturday, “The Future of Smell and Taste,” was framed in a challenge, a

ly inspired his decision to turn towards the rural village that changed his life. Roy is the founder of the Barefoot Col-



Several students volunteered to help prepare everything for the first Tedx event at Rose-Hulman.

Elena Chong • news editor

Rose-Hulman last year, spent his summer interning with Texas Instruments and interviewing as many of the great minds of today as he was able. In his presentation, “Is Albert Einstein Still Alive?” Anderson challenged the audience to learn from the geniuses of the current era and to not neglect disciplines other than science. Benjamin Franklin and Isaac Newton were contemporaries; Anderson asked what might have happened if they had met. Anderson said that these people are history makers and world changers as well as that it’s entirely possible that the person ahead of you in the Starbucks line waiting for their excessively complicated coffee order is today’s Albert Einstein. However, you can never know if a conversation is never started. After graduating from University of Pennsylvania’s Wharton School, Celeste Lee has devoted her business-savvy to the world of flavors and fragrances as the principal at Tenth Muse Consulting, a boutique group with numerous

challenge about the future of the world and what it means to be human. Celeste began by saying that even though there are 850 million hungry people worldwide, there is enough food being produced daily that not a single person should be going without sustenance. She identified food safety and longevity as key issues, citing NASA and the Pentagon’s successful effort to create a bread pudding which lasts for years as a model for food provided in relief efforts for natural disaster situations. Lee then discussed the intricacies of fragrance from the 400 types of vanilla available for commercial products to the different types of fragrances available to consumers, whether they are in the form of lotion, perfume or something as commonplace as dish detergent. All people, she declared, have a right to both food and fragrance.

The second video of the night featured Bunker Roy talking about how his elite education at the best schools in India almost ruined him and ultimate-

lege, which educates illiterate and semi-illiterate rural Indians, including women. There are programs at the college for an expansive list of careers, including doctors, solar engineers, and teachers. No one with a Ph.D. is allowed at the college, and no one is there under contract. Students are not required to read and write, and everyone is free to leave when it pleases them. The Barefoot College has vastly improved the lives of many rural people both through public works and each individual’s unique journey towards a new career.

Left-handedness carried a stigma in ancient times; the modern word sinister is a derivative of the Latin word sinistra, which initially simply meant left. Travis Tatlock, a senior electrical engineering major at Rose-Hulman, has been dealing with the sometimes sinister consequences of being a “lefty” since he was little.

Continued on page 3

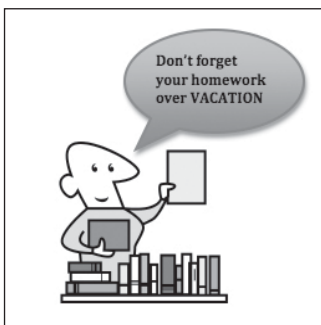
events

Day of Service

Your contribution is important to making our community a better place.
Terre Haute, October 12, 9:00 a.m.

Silent film and organist

Enjoy one of the greatest silent comedies accompanied by Clark Wilson’s performance.
Hatfield hall, October 13, 2:30 p.m.



Winter quarter registration

Do not miss your registration day for Winter quarter courses.
Banners web, October 14, 7:00 a.m.

Fall break

Fall break is finally here. Time to catch up on classes.
Campus, October 16, 5:15 p.m.

sports

Women’s Soccer vs. Defiance
October 12 - 1:00 p.m.

Volleyball vs. Hanover
October 12 - 1:00 p.m.

Women’s Tennis vs. Brescia
October 12 - 2:30 p.m.

Volleyball vs. Kalamazoo
October 12 - 5:00 p.m.

E S S A Y G D L C S A L T A

E I M T D E N A E L B E E C

N X T R P M S I R P L P S T

O A S A A I R M K I O P T I

P T E C N W D I O C O S S O

T L G O R O U T H O U S E N

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Pliers

Plump

Poses

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Shells

Spoon

Taxis

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Tests

Toilet

Warm

Workload

Wries

YOU HAVE SIX DIGITS, AND THEY'RE ALL NINES. HOW DO YOU ARRANGE 9, 9, 9, 9, 9, AND 9 TO MAKE 100 USING ONLY ADDITION, SUBTRACTION, MULTIPLICATION, AND/OR DIVISION?

LAST WEEKS' RIDDLE ANSWER IS THE FOLLOWING: THE HORSE COULD STILL REACH THE HAY BALE WHILE TIED TO THE ROPE BECAUSE THE OTHER END OF THE ROPE WAS TIED TO NOTHING AT ALL.

THE ROSE THORN

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Derek Robinson • *entertainment*

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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

Morgan Escalera • business manager

Nobel Prizes announced

The winners of the famed Nobel Prizes are announced over the course of this week. The Noble Prize in Physics was of the least surprise to everyone in attendance and watching online. The winner of the prestigious prize, coveted by Einstein and Bohr, were the duo of Peter Higgs and Francois Englert for the theoretical discovery of the Higgs Boson particle. This deigned “god particle” contributes greatly to humankind’s knowledge of the origin of subatomic particles was found through the CERN Hadron collider and is one of many potential major breakthroughs to come out of that facility.

The Nobel Prize in Medicine went to the collaborators Rothman, Schekman, and Sudhof. The understanding of this organic machinery regulatory vesicle traffic will greatly help future scientists and engineers with prosthetic veins, something that insofar has been impossible to fully accomplish.

The Nobel Prize in Chemistry, announced Wednesday, was granted to the collaborators Karplus, Levitt, and Warshel, for their work in the development of models for complex chemical systems. This software will greatly help other chemists understand inorganic compounds and organize foreign, currently unknown chemical compounds. This chemical modeling process will be of vital importance during the discovery of new chemical compounds.

Where we are in the government shutdown

Now that the government shutdown has entered its second week, theoretical economists speculate that the partial government shutdown is in a stage that will not affect the GDP too much. The larger question is the debt ceiling debate that is still raging.

While most of the Democratic officials, including the President, support raising the debt ceiling and government spending, most Republicans believe that the best way to help the country is to severely cut spending and to not allow the debt ceiling to rise at all. The situation is similar to that surrounding the government shutdown, where each side believes it is in the right and is extremely antagonistic toward the other side of the argument.

However, one key difference separates the situation that the country is in this week from the situation two weeks ago. If the debt ceiling is allowed to stagnate without any sort of safety net, the country will default on its debts. This has never happened in the history of the United States of America, and many experts would say that the global economy wouldn’t be able to sustain itself if the United States defaults.

Passenger gets rude lesson

On a flight over eastern England on Tuesday evening, disaster struck. The plane had precisely two people on board, a pilot and a passenger. Nothing seemed out of the ordinary until the pilot suddenly fell ill at the controls and collapsed. The passenger was forced to land the plane, for the first time is his life.

Two flight instructor were called in to give the passenger an impromptu flying lesson as the plane was losing altitude. The passenger identified himself as having some flying experience but never something as small as the Cessna two-seater that the two were using.

Soon the passenger, named John, approached the landing strip, the only one in the plane’s fuel radius. John flew over the landing strip to get a better feeling for the target, and then flew over it again and again, until his fuel began to run low.

On the fifth attempt, he was able to attempt the dangerous landing, and in the opinion of the two flight instructors, he did an admirable job.

TEDx event from page 1

Many common items such as lecture hall desks, scissors, and notebooks are made for the 90 percent of the population that is right-handed, leaving that sizeable 10 percent left over to deal with contorting around their desk just to try and write in a notebook that will poke them in the wrist as a reward. However, Tatlock says that his experiences as, “The Left-Handed Engineer,” (also the title of his presentation) are what allows him to see things differently. The daily challenge of being left-handed is what enables him to view engineering in his own unique way, and astutely observe that it, “changes the way you grasp things.”

To round out the night, Dr. Thom Adams, a mechanical engineering professor here at Rose-Hulman, presented “Why Engineering is like Playing The Doors on Solo Ukelele.” Dr. Adams also gave everyone in the audience a great cocktail idea to try out next weekend. Citing a combination of cheap vodka and diet root beer, or “vootbeer,” as his inspiration, Dr. Adams told the audience how he set out to play the Doors on the ukelele one weekend while his wife was away. What he discovered was

that playing music was closely related to engineering. Both skills take significant amounts of practice, education, and an unfortunate number of missteps to master, all the while demanding large amounts or research and analysis. Once an individual has either skill set, they must be flexible enough to apply it to new applications, engaging in a process which in and of itself is once more a learning experience. Dr. Adams commented that engineering and playing music make people human, a condition that comes with boundaries that can be fluid but not arbitrary.

Before ending his presentation and concluding TEDxRoseHulman, he left viewers with one final quote to ponder. James P. Carse, professor and author, wrote that, “Finite players play within boundaries. Infinite players play with boundaries.” Attendees were left to ponder this last comment as they vacated Hatfield Hall and walked to Moench Hall for the reception that all participants in TEDx were welcome to enjoy, where dessert and thought-provoking student-run idea sessions awaited them, an ideal ending to a stimulating evening.



People enjoyed dessert after the Tedx event in the top floor of Moench hall.

Elena Chong • news editor

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The Rose Thorn would like to make a correction to last week’s News Briefs. These were written by Morgan Escalera and by Miriam Remmers jointly, contrary to the last week’s printed byline.

Retaking the upper echelon

Derek Robinson
entertainment editor

Sporting the name of the late Tom Clancy, Ubisoft’s “Splinter Cell” series has long been a favorite among gamers who enjoy stealth and a few extra degrees of freedom. My first foray into the series was “Chaos Theory,” the second entry and still a favorite, and even nearly ten years later I find myself eagerly anticipating each new game.

“Splinter Cell: Blacklist” starts with a terrorist attack on the United States coupled with threats of more to come on an aggressive schedule called the Blacklist. This results in the inception of a new anti-terrorist covert force called Fourth Echelon, and as the name will suggest to fans, Sam Fisher is brought in to personally lead the operation. Sam takes personal responsibility upon himself to shut down the group, known only as the Engineers.

Just like its predecessors, “Splinter Cell: Blacklist” offers players a myriad of ways to complete most objectives. While stealth is a huge aspect of the game, players often have the option to “go loud,” so how exactly the objective is com-

pleted largely falls to personal preference. Some players will find themselves sticking to the shadows and avoiding all enemy contact almost out of instinct while others are more inclined to eliminate every hostile in sight. “Blacklist” allows for all play styles to be both fun and challenging.

As in the previous game, “Double Agent,” player choice makes some impact on the storyline, albeit very little. Veterans of the series will likely appreciate the return (and addition) of gadgets to Sam’s always-impressive arsenal. This game also sees completely customizable weapons, allowing players to tailor their kit to their playstyle however they see fit. Silenced shotguns, electrified crossbows, and sniper rifles all find a place in Fisher’s armory.

The “mark and execute” function seen in “Conviction” has returned, this time further adapted and renamed “killing in motion.” At any given time, the player can mark up to three enemies, allowing them to be easily tracked via a HUD marker that floats above the enemy. After accumulating enough takedowns (variable, based largely on the effort involved), the player can quickly

execute any and all marks in range. At its full potential, the system allows players to chain together takedowns quickly and efficiently in a way that is both satisfying and visually impressive.

The game’s infrastructure

player.

This is the first “Splinter Cell” game that features full first-person functionality. Throughout the campaign are short sequences where the player steps into the shoes (and eyes) of Agent Briggs, and the

gadgets.

Cooperative modes are also greatly entertaining. Friends with different play styles can both involve themselves; stealth players will often find themselves sneaking up on enemies currently focused on



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leaves little to be desired. Levels are large enough to allow for multiple objectives without becoming too lengthy, and each route features multiple alternate routes and places to hide. The score is exciting and involving, although it sometimes trails off a bit absently when enemies lose track of the

“Spies vs Mercs” multiplayer expands on the first-person mode. All of the “mercs” find themselves in first person, equipped with an automatic weapon and grenades, defending themselves or an objective against the “spies,” all of whom must play in third person with silent weapons and non-lethal

their assaulting allies.

While not a paragon among the generation, Tom Clancy’s “Splinter Cell: Blacklist” is an excellent game to play alone or with friends.

Rating: 4/5 Elephants



“The Great Dictator”

moviemail.com

Machine Hearts

Kevin Weaver • entertainment emeritus

Classics are movies that are meant to endure the test of time. These are movies lauded not for their cinematic graphics, quality of the film used, or the locales in which they were filmed. They are stories that are timeless, either carrying a level of comedy that can be appreciated beyond the boundaries of generations or messages that are remembered far beyond their conception. It’s rare for a movie to be properly dubbed a classic, but if any is deserving of the title, it is “The Great Dictator.”

“The Great Dictator” is a satirical film made by Charlie Chaplin, an actor famous for his role in numerous silent films. This was his first part in a fully voiced film, and it was like turning lead into gold. Directed, produced, and written by the same man, “The Great Dictator” is a fictional film set in Germany following the events of World War I.

Before any summary of the plot is given, it is important to remember that this film was made in 1940 before knowledge of Germany’s horrors preceding World War II was public. In fact, the entire film was actually scorned for being a mockery of an otherwise “great man” during its release. Unsurprisingly, following World War 2, the film was herald for its “brave portrayal” of the Nazis. Humorous now, but Chaplin underwent heavy scrutiny at the time.

The film starts at the end of World War I with the countries renamed to “avoid” direct relation to real countries. Charlie Chaplin plays an unnamed soldier that eventually becomes known as the Barber. He helps a wounded pilot named Schultz

escape on a plane, who is carrying important information for their home country. When the plane crashes, Chaplin loses his memory, but Schultz is able to tell the soldiers that swarm the crash who they are, thus saving them. Years later, a new power has risen in their home country, persecuting the Jewish people. You can see where it goes from here.

This film, as stated before, lacks in quality of cinematography and sound as all films back in the early 20th century did. However, what this film has (that films nowadays tend to lack) is genuine humor and well-crafted narratives that keep you engaged with the various actors and their characters. More than once, it was hard not to laugh at Chaplin’s antics as he parades around the enemy soldiers, spitting slapstick dialogue all the while.

But what truly makes this movie a masterpiece is the speech delivered by Chaplin’s character at the film’s end. Absolutely guaranteed, you have heard at least a portion of it, as nearly every president following the film’s release has referenced it. Speaking a message that is just as true today as it was almost a century ago, the monologue is great enough that you can believe the cheering of the soldiers that hear him, director’s direction unneeded.

Through it all, and in the end, “The Great Dictator” is a great movie, one that everyone should see at least once, at least to know what a classic is. It also doesn’t hurt to see what is now commonly referred to as “The Greatest Speech Ever Made.”

Rating: 5/5 Elephants



The choice is stress or success

Lauren Santichen • staff writer

As everyone in college will tell you, the residence life is not one of luxury. Sure, you get to make your own decisions of whether you do your homework or not and when you actually go to bed, but it’s hardly a walk in the park. Every day adds more and more stress onto your shoulders, especially if this is the first real time you’ve been away from home. Stress can cause you a lot of worry and even make you sick if you have too much. However, you don’t have to let it defeat you. Here are some ways to relieve stress.

Exercise: the dreaded word in college. Honestly, who has time to get out and run when they have four hours of homework every night plus a quiz or test the next day? The answer: no one. So exercise is the first thing to get cut in the college priorities list. Yet it has been scientifically proven to help improve health and release pent up stress. How can getting all sweaty and stinky relieve stress? By providing oxygen to the blood and brain. As you run, your body sees the need for

more oxygen intake for the various muscles and organs. Because of this, more oxygen gets to your brain and with more oxygen comes more focus. Exercise also creates endorphins that make your brain perceive happiness and a lighter feeling overall. So exercise is more than just getting sweaty. It’s a way to make your brain happy.

Sleeping: there’s never enough. Sleep is the one time where your brain can power down and off-load the day’s events. Think of it as powering off a computer. By shutting down, the laptop gets rid of all the cookies that it had saved during internet uses and all the shortcuts that it copied to make things faster for you during the day. By powering off, it deletes these and opens up a lot more space for memory for the next day. Your brain is similar, only on a larger scale. Millions of neurons work like a computer do and they, too, need rest. So instead of staying up later to study for that exam the next day, it might be better to grab some shut-eye so that you can actually think the next day and stay awake for your test. A few ‘Z’s go a long way, but think of how



There are many ways to deal with your stress, but chewing your laptop is not recommended.
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far a couple hundred ‘Z’s will go.

Ranting: a subject most people don’t think about before doing. Talking to friends or classmates, or even your parents can help you get a load off your chest. If you’ve had a bad day, the best thing

to do is let it all out. Find someone who wants to or is obligated to listen to you – preferably both- and just let the bad things spew forth. Parents are especially good for this, though they may try to change things or give advice. The best way to avoid

that is to tell them beforehand ‘I need to rant’ and just let them have it. As long as it’s not mean and hurtful to the person you’re speaking to, you’ll usually find agreement in the least likely places. Sometimes, that little bit of sympathizing is all you need.

YUMMY FOR LAZY

David Harvey • staff writer

These cookies are sure to be a hit with your friends and family. They don’t take too much preparation and should be an easy treat to enjoy on the weekend. Any fan of chocolate and peanut butter will fall in love with Mom’s Famous No Bake Cookies.

Put the following in a large sauce pan:
2 cups of white sugar
3 Tablespoons Cocoa

Add 1 teaspoon vanilla.

Add 1/2 teaspoon salt.

Add 1/2 cup peanut butter. Stir until peanut butter is melted into the sauce. The mix should still be hot enough to melt the peanut butter without putting on the heat again.

Add about 3 1/2 cups oats.

Drop cookie sized globs on a cookie sheet covered with waxed paper.

”
... an easy treat to enjoy on the weekend.

1/2 cup milk

Heat the mixture to boiling, and then let it boil for one minute while stirring constantly. It should look like a thin chocolate sauce at this point.

Take the pan off the heat and then stir in one stick of margarine until melted.

Cool in refrigerator until the cookies solidify. This should take at least a half an hour but can vary depending on the settings of the refrigerator. Then remove the cookies from the sheet and enjoy! Cookies should be stored in a sealed container and are served best cold.



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Frank About Pranks

Bethany Martin • living editor

A college campus is the perfect breeding ground for a pranking spree. We get away with so much more than we would in a regular setting, but how do you know when you’ve crossed the line? Pranks are a part of the college experience. They are the fuel of fond memories and hilarious stories to share and give the people involved a sense of camaraderie. But when does the camaraderie turn into bullying or invading comfort zones? Don’t get me wrong, pranks are a great way to let off steam and get a good laugh, but

there are lines that people shouldn’t cross. The first example of an unacceptable prank in my book is one I heard about a while ago. The pranksters bought live goldfish and put them in plastic cups and turned them upside down just outside someone’s door. This crosses the line of disgusting and, in my opinion, animal cruelty. This is my first rule: if it endangers a life, any life, don’t do it. The water cups are okay, but they do leave a lot to clean up afterwards. Classic pranks

like stretching cellophane across a door or toilet papering a yard are all fine and dandy, but if you put it up, you better help pick it up. That is when the fun turns into unpleasant work for the target, and trust me that just makes the revenge prank that much worse for you. I think this is an obvious one, but I will say it anyway. If it will inflict permanent damage, it is not worth it. Unless you are willing to replace whatever you vandalize, realize that ruining an object could ruin a friendship. It is important to also mention that some things cannot be replaced, that they have sentimental value and should not be disturbed. If you have malicious intent or you are worried that it might be seen as such, don’t do it.

Remember to respect their personal space. Obviously, there is a blurred line between “we are really good friends and I can do what I want” and “Oh I don’t think they will care too much.” If they love their car, don’t touch it; just don’t do it. You shouldn’t put anything in it, on it, or around it. It is not worth the revenge that will happen. Don’t take their stuff; that is not pranking, that is stealing. I don’t mean taking one shoe and putting it on top of your dresser; I mean taking their math book and watching them freak about it. I am not saying that pranks are bad; I am just saying that people need to think about the

repercussions of their actions before they decide to pick someone up and throw them in the lake with a phone in their pocket. This may seem very straightforward and unnecessary to say, but think about what you are doing. Think about the person you are pranking. Make sure they are going to find it as funny as you do.



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Movies: Classics or New Releases?

Kevin Weaver • entertainment emeritus

Movies are one of the few forms of entertainment that are judged harshly for the time period they are released. While books and music are still properly judged more upon the content they have than the period of release, movies undergo closer scrutiny, so much so that the time period they come out is often used as a tool of judgment for the quality of script, acting, and screening. Think about it. You can notice almost instantly any movie that has come out before the year 2000 based solely upon the quality of the animation/camera being used. “Toy Story” uses all of eight polygons for a single face, computer graphics were harsh and blatantly fake against a real shot backdrop, and filmed scenes were grainy and often hard to hear. It is impossible to miss these things. Compare this to newer movies, where the quality of graphics being used are almost to the level at which the effects are hard to distinguish and animation is smoother than glass. So why are older movies usually heralded for being better than anything from the new millen-

nium? Aside from video quality, the only thing that has dramatically changed since the old days is the management in charge of the filming process, and the producers who give the budget. The number of studios out there may have increased the number of movies that appear in cinemas each week, but the dramatic demand for high profits has forced them to follow an almost hard copied guide for making films. This has led to stagnation in the market. Simply, a majority of the films that come out today are very similar to one another. So close are they that an entire website has created thousands of tropes relating them. This is called tvtropes. Big budgets usually are given to guaranteed money makers, namely sequels of already successful films, adaptations of highly successful franchises, or remakes. Creativity is usually left abandoned for the name of money. Back in the older days of filming, however, there was less of a rush for meeting a certain date of filming, and the belief that a director could make a great film without demands from up above was more practiced than preached. This freedom of the arts led to classics as old as “The Great Dictator” by Charlie Chapin, filmed in black and white, to survive nearly eighty years later. It’s also important to remember that the ac-

tors back in the day did more than just study old movies for their acting. They looked up the characters they were portraying. A good example of this would be Clint Eastwood and his study of several cowboy gangs before taking on his famous role as the “Nameless Cowboy.” Most actors today such as Elijah Wood and Johnny Depp study cartoons or prior actors for how to act. That is called a knockoff. Simply, the reason why older films tend to be better than interpretations is the freedom of the script writer and the originality of the actors, compared to the filming process nowadays that depends upon old works and used trades. That’s not to say that all modern movies are bad, however. “The Dark Knight” and “How to Train Your Dragon” are great examples of what happens when a studio gets the formula right. We get amazing action scenes with some al-most scary good acting and a dash of fan-gasming on the side. It’s awesome. In the end, however, you have a greater chance of enjoying the fruits of an old film as opposed to the predictable slump of modern remakes and retakes that fill cinemas. If you need suggestions, just ask your grandparents. They’ll know a dozen or two.

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

Fightin' Engineers roll over Hanover

Matt Dierksmeier • sports editor

Holding their opponent scoreless for the first three quarters of action, the Rose-Hulman football team outplayed Hanover College on all fronts to pick up a 38 – 14 win.

The Fightin' Engineers were also on their game offensively as they recorded over 400 total yards for the second straight week.

Senior running back Danya Francis would put the first points on the board for the Engineers on a 1-yard run with 5:09 remaining in the first quarter.

In the second quarter, the Engineers would put together two scoring drives, both capped off by short rushing touchdowns by senior quarterback Ryan Landwehr to give Rose-Hulman a 21 – 0 advantage at halftime.

After a 25 yard field goal

by senior Matt Angel early in the third quarter, the Engineer defensive got into the scoring action off an interception by Hanover. Sophomore Anthony Adamo would run the interception back 60 yards for the touchdown.

Hanover would put their first points on the board early in the fourth quarter to pull within 24. Both the Engineers and Hanover would add another touchdown before the final whistle blew, giving Rose-Hulman the 38 – 14 victory.

Landwehr finished 27 of 37 for 266 yards through the air and also led the Engineers with 91 rushing yards. He would combine for three total touchdowns.

Sophomore Jacob Dye recorded 11 receptions for 91 yards. Sophomore Aaron Abbott had 6 catches for 29 yards with a touchdown.

The strong Engineer defense was led by Craig Voges and Kevin Nowak with six tackles apiece. Sophomore Chris Sander picked off an errant pass for an interception and had two pass breakups.

The Fightin' Engineer football team would capture two of the four HCAC awards bestowed to Rose-Hulman athletes this week. Landwehr claimed Offensive Player of the Week and Angel claimed Special Teams Player of the Week. In addition to a 25-yard field goal, Angel hit 5 - 5 extra points. On the year,

he is 4 - 6 on field goals and has hit 17-18 extra points for a total of 29 points.

Rose-Hulman improves to 3 – 2 overall and remains undefeated at 3 – 0 in the HCAC. They are currently tied atop the conference standings with Mount St. Joseph, who they will

play on Nov. 2. With the loss, Hanover would fall to 0 – 4 overall. The Fightin' Engineers will continue conference action as they travel to play Bluffton University this weekend. Bluffton is currently 1 – 2 against conference opponents.



With a win over Bluffton University this weekend the Fightin' Engineers can improve to 4 - 0 in HCAC play.
Rose-Hulman Athletics

Frontrunners West and Montgomery outpace competition

Matt Dierksmeier • sports editor

The Rose-Hulman men's and women's cross country teams each competed at the Division III Pre-National Cross-Country Invitational held at Hanover College this past Saturday. The men's competition featured 19 Division III teams from across the nation. Similarly, the women's squad faced off against 17 other teams.

In a good team performance, seven runners finished within a minute of each other in the men's race. Junior Stuart West led the team with a 32nd place finish. He completed the 8-kilometer course with a time of 27:04.69. Junior Ryan Meyer recorded a time of 27:22, good for a 44th place finish. Sophomore Sam Sobczak finished 53rd with a time of 27:36.

Rounding out the top seven for Rose-Hulman were junior Matthew Billingsley in 58th, freshman Charlie Fenoglio in 61st, junior Derek Heeger in 73rd and

senior Robbie Mayhew in 81st.

The Rose-Hulman men would finish eighth in the Pre-National event just behind rival DePauw University.

Leading the women's cross country team, senior Ryann-Rebecca Montgomery recorded a performance that would put her into the record books. Montgomery would put in a third best time in school history with a time of 23:27.68 in the 6-kilometer race. A personal best for Montgomery, her time was 83 seconds faster than her previous best performance of 24:50 last year. She finished the highly competitive event in 24th place.

Junior Anna Taylor finished second for Rose-Hulman with a mark of 26:26, good for 113th overall.

Both the men's and women's teams will compete in the Wilmington Fall Classic in Ohio this Friday. They will then prepare for the HCAC Championships on Nov. 2 at Defiance College.



Senior Ryann-Rebecca Montgomery set the third best time in school history with her 23:27.68 finish.
Rose-Hulman Athletics

RECORD PERFORMANCE LEADS MEN'S GOLF TO SECOND-PLACE FINISH

Matt Dierksmeier • sports editor

With a round of 68 on Saturday, sophomore Sanders Park tied teammate Travis Whithaus' school record score, set just a week earlier. Park would finish with a 74 on Sunday to hold off his com-

petition and take home first overall in the Wabash College Men's Golf Invitational. In addition to the win, Park was named Men's Golf Player of the Week by the HCAC.

Freshman Sam Pastoriza finished second for the Engineers and seventh over-

all with scores of 74 and 75. Whithaus finished one stroke behind Pastoriza with rounds put in of 76 and 74.

As a team, Rose-Hulman led the invitational after Saturday's round of action with a combined score of 293. The combined score is the total of the lowest five rounds on a team. DePauw finished Saturday with a 303 to hold the second spot.

On Sunday, Rose-Hulman shot a combined 295 to finish with a two-day total of 588. DePauw though would shoot an invitational low 281 to take the victory with a total of 584.

The Engineers are back in action this weekend as they host the Chauncey Cup Alumni Outing at Hulman Links Golf Course.



Sophomore Sanders Park tied a school record, shooting a round of 68 in Saturday's action.
Rose-Hulman Athletics

Men's soccer undefeated in HCAC

Matt Dierksmeier • sports editor

The Rose-Hulman men's soccer team has opened HCAC play with a bang. In the past week, the Fightin' Engineers have triumphed over conference rivals Bluffton University and Anderson University.

On Sunday against Bluffton, Rose-Hulman would score early and often. Senior William Senat put one in the back of the net in the 10th minute of action to take an early 1-0

lead. In the 33rd minute, senior Drew Belk upped the score to 2-0. Belk would add three more goals in the second half to help rout Bluffton 5 – 0.

Belk was named HCAC Men's Soccer Player of the Week for his four-goal effort. This marks only the fourth time a player has scored four or more goals in a single game for Rose-Hulman.

On Wednesday against Anderson University, it would be senior Ben Green who would

lead the scoring for the Engineers. Green scored his first goal of the game in the 36th minute. After Anderson tied the match in the 53rd minute, Green put in the game winner in the 72nd minute on an assist from teammate Max Brown.

The Fightin' Engineers improved to 5 – 4 – 2 overall and are now 2 – 0 in HCAC. They will put their unbeaten record on the line as they host Defiance College on Saturday.

From Rose-Hulman with Love

Man Daginot • The Love Gurney

The facebook machine strikes again and is clearly teaming with the powers of the U.S. News and World Report. Women, you are smarter than we give you credit for. What's better than getting an engineering degree and being financially stable? Getting an engineering degree without having to ever work in the engineering field. Well, I suppose you already figured that one out. My only concern for the women folk of this campus is the fact that the institution is undergoing some major changes.

The board of trustees originally planned for the school's co-ed status to be only a four year trial period starting in 1995. This would ensure a full class of women to experience an entire Rose-Hulman career without actually committing to a full co-ed institution. However, the board continually pushed back the termination of this trial period because being mostly engineers themselves, they are entirely frightened of women. At the end of the initial four year trial period, the board elected to

Men, not only do you beat out the entire nation in academic success, but you also beat out the entirety of the U.S. in landing ladies

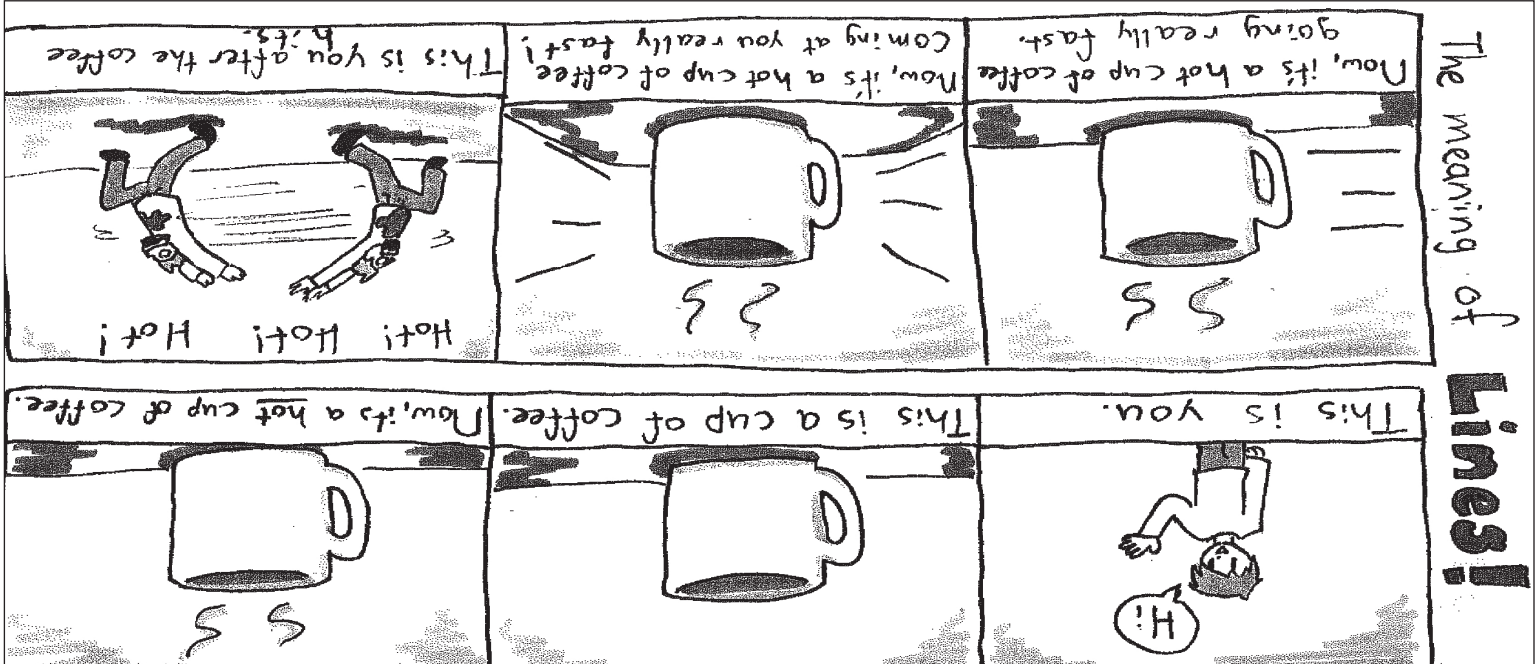
They invited the entire female student population to attend an open forum in E-104. This was a bad idea. The women fought back with reason and logic, and the board was starstruck. "Over half of us already have longer term relationships with a male from this

same institution, it would be inconsiderate and blind not to acknowledge the love that will blossom in the future years of this co-ed institution." One avid member of the female senior class shot back to the board. Needless to say, the board was speechless. She continued, "Also, haven't we proved that we are clearly competent to succeed in this predominantly male field?" In a meeting directly after the forum, the board concluded that they would extend the trial period another five years in order to satisfy the stance of the proactive female students. However, low and behold that five years later the female class stood up again to fight against the proposed trial period. Yet, here we are again. This data holds strong to the female principle that they belong to this institution and also that

they evidently contribute to the happiness of the male members of this campus. Now that this data is published into the public's eyes, strong evidence is now supporting the female's perspective. The trial period committee open forum does not make another decision until the fall of 2015. However, this recent data does not bode well for the board members, alumni, and select students who are in favor of an all male institution. Noble males of this campus, give yourselves a pat on the back. You are majestic creatures. Men, not only do you beat out the entire nation in academic success, but you beat out the entire nation with landing ladies. I am proud to be among the brethren of such prestigious and honorable men. Now every time you look yourself in the mirror, I challenge you to challenge yourself. Look yourself in the eyes, point your strong index at your reflective masculine chest, and say, "Today, you're going to be awesome." Because let's be honest. You are.

University	Men/Women Proportion	Number Students	Proportion of Women sharing College with Their Spouse
Rose-Hulman Institute of Technology	0.878	2,071	0.704
Michigan Technological University	0.723	5,734	0.624
US Air Force Academy (Official)	0.867	5,809	0.596
Faith Baptist Bible College and Theological Seminary	0.474	485	0.596
BYU (Brigham Young University)	0.494	52,142	0.596
New Mexico Institute of Mining and Technology	0.679	627	0.592
Central Bible College	0.576	1,521	0.588
Bob Jones University	0.486	4,719	0.583
Missouri University of Science and Technology	0.773	4,046	0.579
Kentucky Christian University	0.517	826	0.579
Baptist Bible College	0.510	2,245	0.572
Maranatha Baptist Bible College	0.481	811	0.563
Martin Luther College	0.473	998	0.559
United States Military Academy	0.885	5,971	0.556
Dordt College	0.496	1,563	0.556
Harding University	0.469	6,159	0.555
Ozark Christian College Missions Building	0.522	990	0.554
Harvey Mudd College	0.769	645	0.550

From Rose-Hulman with Love



Lauren Sanitichen • The Girl on Fire

Top "10" Ten Pessimistic Fortune Cookies

1. THERE IS A GREAT POSSIBILITY THAT YOU WILL GET A FLAT TIRE ON YOUR WAY HOME TODAY.
2. DON'T GO TO IM'S TONIGHT UNLESS YOU ENJOY HOSPITAL VISITS.
3. DON'T TURN AROUND.
4. THAT WASN'T A COOKIE.
5. IS THAT OXICLEAN OR ANTHRAX?

6. YOU MIGHT WANT TO DOUBLE CHECK THAT PREG-NANCY TEST.
7. WATCH OUT FOR THIS PHRASE FROM YOUR SIGNIFICANT OTHER, "WE NEED TO TALK."
8. DOES THIS SMELL LIKE CHLOROFORM TO YOU?
9. DID YOU REALLY THINK THAT WAS A JOB OFFER?
10. YOUR DOCTOR MAY HAVE SOME BAD NEWS.

CAMPUS SURVEY
CHEAP GAS OR A WORKING GOVERNMENT?
SEND RESPONSE TO THORN-FLIPSIDE@ROSE-HULMAN.EDU

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

"It looks like someone made a boo boo." — Dr. Waite
"That's professor language for, 'You should drop this class.'" — Dr. Grigg
"Every year I'm always thinking wow... these seniors are awesome. Then a couple years later, I can't remember who they were." — Dr. Waite
"There was a lot of responsible drinking at the conference this weekend" Sounds a lot like the conference I was at... — Dr. Chapman

