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Siemens donates software

Keeps students exposed to the cutting edge of technology

Katie Dial • staff writer

Rose-Hulman received the largest in-kind donation in history, a \$27.8 million software package, from Siemens PLM software. Bill Boswell, director of partner strategy for Siemens PLM Software, spoke at the announcement of the gift and introduced the features of the software. The gift includes Siemens PLM Software's new NX TM software, which is intended to increase the ease and speed with which engineers can model and modify technology. This intent is driven by the concept of lifecycle management of products, or the fact that there is very quick turnover for technology in the market. As such, the software gift also includes Teamcenter ® soft-

This new software augments the options and ca-

pabilities students have with the use of Siemens PLM Software's SolidEdge ® software, currently used in many classes in the engineering curriculums, and also provides an advantage in that it is the same software used by manufacturing companies around the world today.

One of the main reasons for the gift is for use by the team of students participating in the U.S. Department of Energy's EcoCAR2 competition. Rose-Hulman is one of 15 universities selected to have a team participate in this competition. Each team is granted a 2013 Chevy Malibu, and expected to modify the vehicle to increase sustainability. The software isn't exclusively for use by the EcoCAR2 team, and all students campus-wide are encouraged to experiment with it, and integrate it into their classes. Unable to attend the



The NX TM software donated by Siemens will allow students access to high-end engineering software largely used in industry.

announcement, President Matt Branam said through video "This software is going to allow

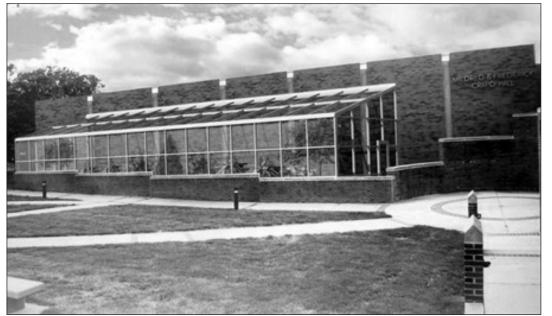
our students the hands-on education that makes Rose-Hulman what it is. Our students

are going to be able to hit our industry with capabilities they can't get anywhere else. "

Rose-Hulman News

Rose-Hulman goes green with new lab

Greenhouse expands hands-on research in biology department



The biosciences laboratory will allow students unique opportunity to examine living and isolated specimens.

Rose-Hulman News

Katie Dial • staff writer

Rose-Hulman received a \$500,000 gift from Carl Cook, on behalf of his father, William Alfred Cook. William Alfred Cook supported the growth of the biosciences at Rose-Hulman, and is contributing posthumously towards the William Alfred Cook Laboratory for Bioscience Research: a 1,350 square feet greenhouse that will be nestled between Crapo, Logan Library and the Root Quandrangle

A majority of Rose students end up taking a biology class before they leave, and everyone who takes a biology lab will benefit from the addition of the Cook Laboratory. Dr. Michael Mueller, head of the Chemistry department, said "I think that the number of students that want to take biology has certainly been growing. The greenhouse is a tool. It's like any other laboratory instrument or device. One of the things that really makes a Rose education great is that so much of what we do is hands-on. And what is it that we expect to come from it being hands-on? We don't really expect everyone to master every skill they come in contact with, but they sort of grow an appreciation for what's involved in different processes. It's important for Rose students to understand what it takes to grow things--what it takes to isolate living substances.

Continued on page 3.

Inside this issue

Get the beat on Killer ment!

Elite. Only in Entertain-

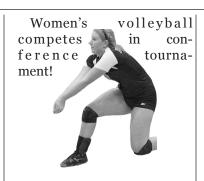
Losing the freshmen fifteen. Its easier than you think!

PAGE 5: LIVING

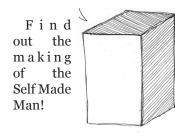
Part of the Occupy Wall Street movement finally realizes the real job destoryer: cronyism.



PAGE 6: OPINIONS



PAGE 7: SPORTS



PAGE 8: FLIPSIDE

PAGE 4: ENTERTAINMENT

DISCOVER. INNOVATE. ACHIEVE.

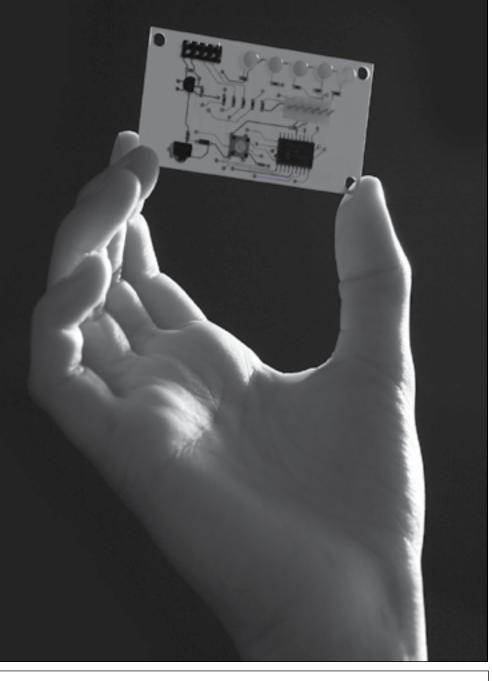
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THE ROSE THORN

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The Rose Thorn is a weekly publication produced by the members of the community of Rose-Hulman Institute of Technology published on Fridays first through ninth week each quarter. All students, faculty, and staff are welcome to attend weekly meetings, held at 5:15pm on Wednesdays in Olin Hall. We also welcome and encourage all community members to submit articles, photographs, car-

toons, and letters to the editor for publication.

We request that all letters to the editor be less than 600 words in length, and the deadline for content submission is 5:00 p.m. two days prior to publication. The editors reserve the right to edit submissions for clarity, grammar, length, and factual errors, while preserving the original intent of the submission. The editors reserve the right to

accept content changes submitted after deadline. All submissions must contain the writer's signature (electronic form is acceptable) and contact information. The editors reserve the right to reject submissions deemed inappropriate for print.

All content should be submitted to thorn@ rose-hulman.edu or to the office of The Rose Thorn in Hulman Memorial Union room 249.

Material submitted for use in the print edition may also be included in the online edition located at http://thorn.rose-hulman.edu.

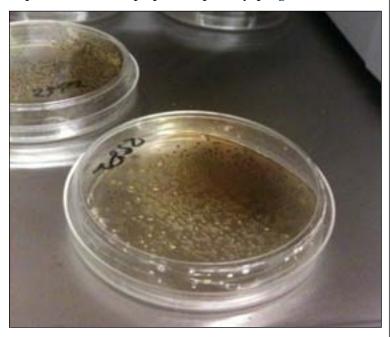
The views expressed in The Rose Thorn are those of their respective authors and, with the exception of the weekly Staff View published in the Opinions section, do not necessarily represent the views of the staff or the Rose-Hulman community.

Continued from page 1.

"The only equipment Rose currently has for growing living organisms is a refrigerator-sized growth chamber in Myers, donated by a Rose alumnus, an electrical engineer. The growth chamber is programmable to simulate any climate, such as desert climate. But there's limited space. The addition of the greenhouse will allow not only for more students to get to see first-hand the process that goes into growing, harvesting, isolating, and propagating living organisms, but for a greater volume of organisms to be produced for these purposes.

For instance, there are research projects looking into biofuel made from algae, but space for growing algae is limited, limiting the amount that can be produced for study. The Cook Laboratory will alleviate this difficulty."

The construction of the Laboratory will be a two-part process, with the pieces being constructed by the Winandy Greenhouse Company of Richmond, IN, which will then be shipped here and assembled by Garmong Construction Services of Terre Haute—the same construction company working on the new apartment building. The goal is presently to see the facility completed by spring.



Students will have more room to grow and handle live specimens, such as algae, in the Biosciences Laboratory Katie Dial • The Rose Thorn

News Briefs

Jason Latimer • staff writer

U.S. defunds UNESCO after palestine gains membership

The United Nations Educational, Scientific, and Cultural Organization voted to accept Palestine as a member nation Monday, triggering a 1994 United States law that demands that the U.S. withdraws funding from any UN agency that gives Palestine membership. The organization, which "works to create the conditions for dialogue among civilizations, cultures and peoples, based upon respect for commonly shared values," according to its web site unesco.org, will lose the 22% of its funding that the U.S. provides (about \$80 million per year). Palestine, a long-time adversary of Israel, a U.S. ally, is expected to seek membership in other U.N. agencies, which would result in further U.N. defunding from the U.S.

'Occupy' turns violent, sets blazes, closes port

Thousands of "Occupy Wall Street" protestors gathered in downtown Oakland late Wednesday night, resulting in smashed windows, vandalized buildings, and fires throughout the streets. Demonstrators swarmed the Port of Oakland, blocking entrances to the port and shutting down operations for several hours. Although the port, which reopened Thursday morning, reported no injuries or damage, police arrested several dozen protesters downtown as they clashed with rioters who threw rocks, pipes, and Molotov cocktails at them, among other things. Four people were hospitalized from the events of the night. Most of the "Occupy" protestors claimed that those who crossed the line of peaceful assembly were fringe groups within the movement. Similarly, smaller demonstrations were held in Los Angeles, Philadelphia, and New York in support of the Oakland movement.

Cain denies accusations of sexual harassment

Republican Presidential Candidate and former CEO of Godfather's Pizza Herman, Cain, recently denied a resurgence of allegations from the 1990s that he sexually-harassed women. "In all my over 40 years of business experience... I have never sexually harassed anyone," Cain said. His campaign chief of staff, Mark Block, accused Texas governor Rick Perry's campaign for bringing up the claims in the midst of the heated battle for the Republican presidential nomination. "Rick Perry and his campaign owe Herman Cain and his family an apology," Block said. Cain's campaign suggests that Curt Anderson, who worked for Cain in his 2004 run for the Senate and now works for Perry, leaked the story. The Perry campaign denies having any involvement with the story.



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FALL 2011-2012

Night	Course	Room(s)
Wednesday, Nov 9		
6-8pm	PH111 – Physics I	O257, O259
6-8pm	ES203 – Electrical Systems	O267, O269
6-7pm	CHEM251 – Organic Chemistry I	O167, O169
8-9pm	ES201 - Conservation & Accounting Principles	O257, O259
8-9pm	CHE201 - Conservation Principles and Balances	O267
8-10pm	AB110 – Biology I	O167
Thursday, Nov 10		
6-8pm	MA111 – Calculus I	O257, O259
6-8pm	CHEM111 – General Chemistry I	O269
6-8pm	MA112 – Calculus II	O167, O169
8-10pm	MA113 – Calculus III	O267, O269
8-9pm	MA211 – Differential Equations I	O257, O259
8-9pm	MA212 – Differential Equations II	O167

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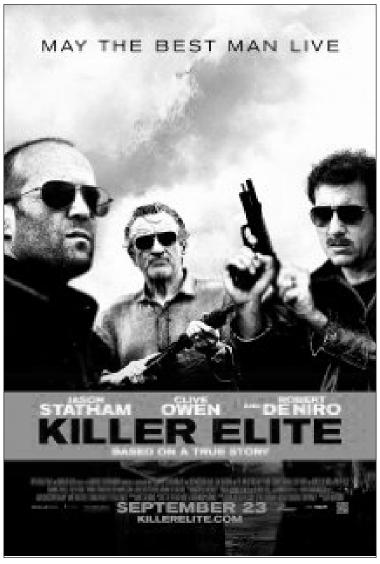
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THORN-NEWS

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Plenty of action not a lot of plot



imdb.com

Katie Dial • staff writer

Killer Elite is among the elite in the action category but composed of a highly convoluted and unresolved

Based on a novel by Sir Ranulph Fiennes called The Feather Men, which caused a lot of controversy upon its release due to Fiennes' claim that the book was based on true events, Killer Elite is a fairly typical Jason Statham film. Starring Robert De Niro and Clive Owen, this film has some excellent effects-driven scenes, while the plot sometimes tries to unsuccessfully—go in several different directions.

(Statham) and his partner, Hunter (De Niro). Danny gets out of the business after a bad job in Mexico, and one year later a sheikh who is holding Hunter hostage coerces him into killing again. The sheikh wants the members of the British Special Air Service (SAS) who had murdered three of his sons to be murdered, in order to clear the way for his remaining son to take over the valuable oil business after his death.

This appears to be the main plot, until an almost entirely new cast of characters is introduced with implications of meaningful, complicated motivations that are never fully developed and leave the viewer

dissatisfied and perplexed. Danny's love interest is introduced through a flashback prompted by a plane flight, and while it is made clear that they have known each other since childhood, the viewer is never provided with more information. Danny also has several assassin friends who help him with the job requested by the sheikh; their backgrounds are never touched upon. The movie tries to help the viewer assume monumental amounts of background information that is never provided. Also whether the viewers are aware of it or not, the screenwriter threw in a huge twist of irony, The basic plot concerns which will fling their expecassassin Danny Bryce tations completely off balance, leaving them expecting something out of nothing.

> Despite the confused plotlines, the film showcases some creative visual treats like a car chase, that ends where it began, followed by a close combat scene in a hospital ward. The climax of the action involves Statham fighting Owen while he's tied to a chair. And eventually flinging himself out of the window; chair and all.

> Overall, it's a movie worth seeing, not for the plot, but for the creativity and effort put into the action scenes.

Review rating: 2.5 elephants



A game that does justice for all

Batman is a comic character known all across the world. With block-buster movies, television shows, and the original comic line, he has been made into an idol for justice across all mediums. Arkham Asylum was the first out of many to properly show how it felt to be the Dark Knight, with combat that was beautifully animated and easilydirected in combination with stealth portions that gave you a very realistic sense of power over the henchmen you were facing. Arkham City promises that everything will not only be the same, but improved in quality and lengthened for experience leaving but one question to answer: does Arkham City deliver everything it promised?

Yes. Yes it does.

Right off the bat, Arkham City has some of the most impressive dialogue driven elements that I have ever heard. Next to the shear genius of bringing back voice actors from the animated series, Rock Steady was very careful about choosing voice actors that would really portray the very worst

in each of the villains, and utmost best in the heroes. Mark Hamill returns for the Joker and Kevin Conroy for Batman/Bruce Wayne, while major villains like The Penguin get voice actors like Nolan North. And, speaking of villains, there is a crazy amount of them, each given enough time to be deemed worthy adversaries like Solomon Grundy, Ra's al Ghul, Catwoman, The Riddler, Mr. Freeze, Bane, and even Robin. No character is missing or misinterpreted; they are all just that amazing!

But what people really care about is the gameplay, and when you play as Batman, you have to ask, "Do I feel like the bat?" No. You feel like God. Taking on over thirty henchmen with your bare fists—the fight ending with all of them at your feet with broken arms and legs as you casually walk offnever loses its feel for just how powerful you are. Performing a double takedown on one guard just to turn around and batclaw one closer to you for an instant takedown is as satisfying and powerful the first time as it is the last. Then when you get bored of picking on the little guys, you go to the

rafters to prove that you can beat them even if they have guns. Pulling one baddy up your gargoyle, dropping him for a takedown, and throwing a freeze blast, then line launch another villain over a railing is surprisingly simple and easy to do and no less satisfying than aforementioned God-like fighting skills.

Even if you are an abnormality within the human race so that the combat and stealth both bore, you are given a story that is filled with all the intensity of a Christopher Nolan film and with plot twists that are right on up there with the ending of The Dark Knight.

Batman: Arkham City is not just a good game. It is adrenaline-pumping, rollercoaster ride of flawless combat flow, immense depth, brilliant characterization and plot details that not even the most dedicated of comic fans can guess. If this isn't game of the year: it's the game of the dec-

Review rating: 4.5 elephants



Indie game of the week: Viriax

Peter Savkovich • staff writer

Drawing inspiration from the Spanish Developer's (Locomalito) struggle with an unknown illness, Viriax—an arcade-style action game—puts the player in control of a super-virus on a mission to completely take over its host's body.

In each of six stages, the Viriax unit's goal is simple: make it to the top of the organ it currently inhabits and infect the core cell, beginning a cellular breakdown chain reaction that will completely convert the organ into a production factory for more viruses. On your way, however, the host's immune system and a network of defensive nanobots will bar your progress, doing their best to obliterate the infection that is slowly destroying the body any way they can. And if fending off an army of hostile nanobots isn't enough, every action you take consumes energy, making tactical strikes and agile maneuvers more of a necessity than flourish.

Control of the Viriax entity is fairly straightforward. Navigating your way up the organ can be accomplished with only the arrow keys, making for a swift learning curve (which is good because the difficulty ramps up even faster). As you progress through each stage: the heart, lungs, intestine, stomach, brain, and nanobot control center, respectively, you will encounter not only increasingly hostile enemies and complex level structure, but also a variety of power-ups and free-floating blood cells to replenish your energy and aid you on your way. Once you find a power-up that suits your play style, it's time to get climbing and infect the entire body!

In the spirit of old arcade games, Viriax is very easy to pick up and play for short periods of time and is highly score-oriented. New stages are not unlocked by beating the previous ones as is the norm but rather by achieving a set total score across all stages. Making it through one of the (considerably long) stages in its entirety, however, does



locomalito.com

not go unrewarded. As you complete each stage, your Viriax unit is granted various permanent power-ups which, while not as powerful as those collected in-game, can greatly increase your chances of survival.

Viriax has big appeal for people who like short, intense gameplay and interesting, well-constructed level design. It's a great game to pick up for short bursts. Although completely beating the game presents a significant challenge, the game is in no way forbidding of more casual play. Taken all together with its unique visual style, appropriately sinister soundtrack, and creative enemy design, Viriax delivers a thoroughly satisfying experience that's fun to play again and again. As always, you can find Viriax in my shared folder in the DFS root at \\rose-hulman.edu\\dfs\\Users\S\\ savkovpj\Shared or you can download it straight from the developer at http://www. locomalito.com/juegos_viriax.php.

How to: lose the freshman 15

Morgan Lopez • staff writer

So maybe you're not a freshman. Maybe you've got a case of the sophomore eight or the senior 30. Stress, ARA food, and time spent sedentary doing homework

gain a few pounds. Add to pizza, vending machines, short commutes to class, and the occasional night at the bar and you have a recipe for Winter Quarter

is enough to make anyone Flab. Lucky for students, we're still at that age where that the availability of free it really doesn't take much to revert back to our prior waistline. Not all of us are designed to possess the same aspect ratio, rather, you've probably noticed

that your weight seems to hover around the same value ±10 pounds. This is your body's steady state mass, and if you gain or lose a little, you'll most likely snap back pretty quickly. Getting below your design mass

takes hard work, self-control, and motivation; getting to where your body is naturally healthy and happy (and looks pretty darn good too) just takes a few simple lifestyle optimizations, outlined in the figure below.

Optimization **First Principles** Become • Snack, don't starve. inefficient When your body goes for several waking hours without eating, it 'thinks' it's starving and slows down your metabolism. Eating small snacks throughout the day, as opposed to a couple large meals, ramps it up. Pack several healthy snacks to munch on at school. Most professors don't mind if you snack during class as long as it's not disruptive. Space out your work out Some studies show that doing 3 sets of 10 minute cardio exercise burns more calories than one 30 minute workout. The best workout is one you'll stick to, so don't feel like you have to change your routine. Try peppering in a spontaneous jogging lap around campus on off-periods, or walk around briskly with your backpack to and from your dorm if you forget your favorite pencil. Everyone else will just think that you have something important to do. If you break a sweat, I assure you that there are those who smell worse on campus. • Check fuel density Be conscious of your system If you eat at the ARA, the caloric and fat contents (as well as other pertinent info) are usually posted for entrees. If you buy your food inputs at the store like the rest of us, read the nutritional information before you buy it. If you don't like what you see, pick something else. Running on lean fuel doesn't mean that you have to give up your favorite foods; just shift the ratio of heavy foods to light towards the lighter ones. Love bacon and eggs? Less bacon, more eggs. You get the idea. • Minimize Fat Residence Time Fat is the last thing your body absorbs during digestion. By minimizing the residence time of fats in your system, you can absorb less fat than the food contains. Eating plenty of insoluble fiber, staying well-hydrated, and maintaining regular physical activity can reduce fat absorption as well as keep you feeling light on your feet. Minimize cortisol production Cortisol is a chemical that tells your body to store fat in the place you least want it: the gut. Caffeine, alcohol, stress, and sleep deprivation make your body secrete cortisol. Yes, we're probably all swimming in it. Dampen the Phantom Munchies overshoot Sometimes our bodies trigger our hunger unnecessarily, too strongly, or for too long. Sleep deprivation and dehydration can make you signals insatiably hungry on a full tank. When I crave a snack, I try drinking a glass of water first. I usually end up forgetting about the snack altogether. Slow Your Dinner Roll Multitasking while you eat (eg. Wolfing down that Subway over your laptop) is a better alternative to not eating at all, but can prevent the food from fully registering with your stomach. This can cause you to remain hungry and overeat. Similarly, eating too quickly can also cause overeating. It takes your body about 15-20 minutes to realize it's full, so slow down, appreciate the food, and chew every once in a while.

Nine weeks down, twenty-four to go

Melissa Schwenk • living editor

Ninth week is already over and I'm hardy ready for my birthday. Or should I say finals week, which is when my birthday always falls. Even more surprising is the fact that this year will be one third of the way over in two weeks.

It feels strange to cut our lives into ten week increments, with campus's stress levels waxing and waning as the weeks divisible by three approach. The schedule is so regimented that one hardly feels the passing of the quarter, with finals arriving out of the blue and surprising me each time.

This regimentation isn't necessarily a bad thing. It should be recognized for what it is -ascheduling necessity. Three weeks' worth of material is a reasonable amount and keeping exams all in one week cuts down on the number of weeks

spent studying. Rather than constantly being tested in one class or another, students have time to digest what they have learned and to take time off from studying to enjoy life.

When comparing the Rose-Hulman schedule with that of my German university, it's easy to see why some people might like the German style better. No homework or tests and each class meets one or two days a week? Sign me up. Of course, this means that your grade in a class is based entirely on your final exam, which may take place two months after the last lecture.

This lack of structure was great when travel plans were being made; however, it was less than ideal when it came time for the final. All the concepts I thought I'd learned during the semester had left me during the "study time" the university put between the

class and the final.

This period of time had no structure outside the weekend, which meant time passed more like at a resort and less like at a place of higher learning. I watched more TV in Germany than during my two previous years at Rose, simply because I didn't have assigned homework. Which meant that once it was time to study for the exam, I had no idea how to solve the problems. Needless to stay, those twelve weeks of coasting caused more stress than an entire quarter of Thermodynamics with Dr. Sauer.

So here's to the ten week schedule we have here at Rose. May it ever cause us stress at weeks three, six, and nine, followed by celebrations of our choice for the following two weeks. And remember, only two thirds of the year are left until summer break.

DO YOU LIKE COOKIES?

WRITE AN ARTICLE OVER QUARTER BREAK AND SEND IT TO

THORN-LIVING@ROSE-HULMAN.EDU

Eating on dimes

Victor Goben • staff writer

Playing the role of the broke college student and hankering for cookies? Wanting to do something nice for your floor? Look no

Dirt Cheap Peanut Butter Cookies

Ingredients

- 1 cup crunchy or creamy Peanut Butter
- 1 cup White Sugar
- 1 egg

Directions

- Preheat oven to 350 F.
- Mix the ingredients in a medium-sized mixing bowl.
- Roll into balls and place on sheet, crosshatching with a fork as desired.
- Bake for 10-12 minutes and enjoy.

Rainy day activities from the editors

I enjoy drinking tea and watching Iron Chef - Japan

–Noël Spurgeon, flipside editor

I spent my rainy day making Google do a barrell roll.

-Kurtis Zimmerman, sports editor

Puzzles are the best for rainy days.

-Marcus Willerscheidt, entertainment editor

I lounge on my couch, knitting scarves and watching as much Comedy Central as possible.

-Melissa Schwenk, living editor

I like to curl up in my snuggie and watch Disney movies. –Sean Gorsky, news editor

Some OWS protestors find the root of the problem

Andrew Roth staff writer

Occupy Wall Street has been occupying New York City's Zucotti Park since September 17. Most of the people that have been garnered media attention are people carrying signs calling for the end of capitalism. The hypocrisy of their claims is hilarious when one considers that they willingly purchased everything they brought with them, including non-staple goods like iPods and laptops. It then gets even funnier when they call for punitive, redistributive taxes for productive citizens, something tantamount to theft of a portion of a person's life, and then they complain that thieves have stolen some of their possessions. Protestors call Peter Schiff, financial advisor to Ron Paul, a

Cronyism was the driving force behind TARP, behind the GM/Chrysler bailouts, Solyndra, and every other financial boondoggle for which the last two administrations have become famous.

"go-getter," and that'll he'd be a go-getter no matter the economic conditions, implying that they aren't willing to work regardless of conditions. Then the cooks responsible for feeding the masses say that they aren't going to continue working for free to feed people not supporting the cause.

The overall message of the people currently occupying the soon-to-be frozen tundra of New York City seems to be one of rampant hypocrisy. But one group of them has stumbled upon the real source of outrage. One group is protesting outside the home of General Electric CEO and Obama Administration Jobs Czar, Jeffrey Immelt. Immelt's position in the administration is a perfect analogue for the cronyism that has stagnated the economy and built this font of anger. When a company is able to affect government policy in a way that benefits them and punishes their competitors, R&D is no longer pushed towards creating a better product at a lower cost, but is instead funneled to fighting back in the halls of Congress. Cronyism was the driving force behind TARP, behind the GM/Chrysler bailouts, Solyndra, and every other financial boondoggle for which the last two administrations have become famous.

Cronyism is hurting the economy and the future of the country in three ways. Firstly, when one group is able to retrieve life-saving money from the government despite making catastrophic business decisions, it prevents bad products from being pulled from the market and

makes it harder to pull customers away from inferior products and towards the better, competitive products. This potential loss of profit base encourages companies to reinvest as little money as possible into expansion since there is great risk that the investment won't pay for itself in time. Furthermore, cronvism prevents companies from expanding into emerging markets for the same reasons. Why should a company move into the geo-thermal electricity business if their solarpowered competitors are going to get government assistance? Third, cronyism actively hurts the productive members of society and uses the punitive fees to reward their competitors. While the government owns the printing presses, they cannot simply print more money or every dollar would be worth less than the one before it. For confirmation, just look to Zimbabwe where a loaf of bread routinely costs more than one quadrillion dollars. As such, any money awarded to flawed business practices must instead come from tax revenue. Since income taxes can only be collected from people making profits, something the recipients of this blood-money can't do, it is instead taken from their competitors by force and given wrongly to them.

The protestors on Wall Street calling for the end of capitalism because companies took the bailout money have it backwards. They should, like their compatriots in front of Immelt's house, be protesting the government's ability to award bailout money.

Is eRecruiting all it's cracked up to be?

Alec Manke staff writer

Another career fair has come and gone. I look forward to the career fair, as it is, in my experience, the best place to get a job. However, there has been another method often touted by career services through which I could find employment: eRecruiting.

eRecruiting is a tool that allows Rose-Hulman students to search and apply for jobs and it is a pretty easy tool to use. However, I have never used it as my primary tool for finding a job for several reasons. One, going down to the career fair was enough to get me an interview. Occasionally, I would have to use the tool for scheduling the interview or applying for the job, but I only ever did so after talking with a company representative and being invited to apply. Two, companies would prefer that I used their job application system. As a result, my resumes would get stale sitting in the belly of eRecruiting. There was no reason for me to keep

a brand new one up there if these other ways were working for me. I know there are others for whom a new resume landed them some interviews, so the system works. However, my point is centered on the actions of Career Services this year.

I was sitting in the first meeting of my senior project class when I was told of the importance of getting my resume on We have an alumni base that can vouch for our validity as a recruitment source.

to eRecruiting so that Rose-Hulman remains to be attractive to companies looking for new employees. This is my first objection. Rose-Hulman has a legacy of producing excellent engineers. I don't buy that the number of resumes on eRecruiting determines whether companies will want to come recruit on campus. We have an alumni base that can vouch for our validity as a recruitment source. My second objection, and the main motivator of this article, was an email sent out to the seniors on September 19. We were told that companies would start canceling on-campus interviews if they didn't get more applicants. This would be inconvenient, but not fatal. If a student still wanted to work for a company, they could still apply on their website or talk to them at the career fair.

I'll give Career Services the benefit of the doubt. I've posted my new resume on the system, albeit five weeks after they asked me to do it in the first place. Perhaps I'll eat these words as a company with which I've had no prior contact will call me up for an interview or generous job offer. Until then I will continue to do what has always worked for me: shake a lot of hands at the career fair.

The other side of the desk

Dr. Corey Taylor faculty writer

In my home office, I have a two-drawer, black-metal file cabinet. I bought it from the K-Mart in Newark, Delaware when I was in graduate school, probably in 2002. Before first reaching capacity, it held about three years' worth of graduate seminar and teaching materials, bills and household paperwork, and various items of differing importance. Over the years, I've recycled a lot of unnecessary paper, but I still use the file cabinet.

Not long after I bought the file cabinet I started adorning its monochrome surface with stickers that I got for free at concerts, that I bought on impulse while traveling, and that I received packaged with CDs. Last week, while storing retirement fund paperwork—how about that stock market?—I was hit unexpectedly by nostalgia. On the left-hand side of the top drawer is a small, round, black sticker with curvy, white font. It advertises a store called Bert's

Compact Discs, located on Main Street in Downtown Newark since 1973.

I remember applying that sticker a couple of months before moving from Delaware to Indiana in 2007. I also remember when Bert's was open.

For three years of graduate school I rented a duplex house with two good friends in a neighborhood just off the east end of Main Street. Most days, I would walk the mile to campus down Main Street, and if I had a little extra time I would visit Bert's (conveniently located near my bank). Whether I bought or browsed, I always enjoyed going to the record store. The space struck a nice balance between dingy and welcoming, with music constantly playing, and people chatting or silently combing the stacks. Thousands of old and new discs in all kinds of genres-I marveled at their amount and range, aware that I could never absorb everything. Bert's also sold vinyl albums, turntables, speakers, apparel, instruments, and related equipment. Nearly

There's more to music than just the sound you hear



every employee was friendly, helpful, and knowledgeable.

Since moving, I've made a handful of trips back to Newark. I don't know exactly when Bert's closed, but I was stunned and momentarily sad when I saw it was gone. An Italian restaurant has since expanded into the space that the record store used to occupy.

You might be wondering what the big deal is. Small businesses close all the time, even after thirty-plus years of service. And in Newark, about a half-block from where Bert's used to be, the independent Rainbow Music and Books (founded in 1977) still operates. I'm not sure exactly what triggered all of that nostalgia,

but evidence about the current state of music—especially how we conceive of and consume it suggests that it wasn't just the Bert's sticker.

Independent record stores are dying. Ear X-tacy, on Bardstown Road in Louisville, Kentucky, has just closed after 26 years. Back in 2009, I visited Ear X-tacy. It was like Bert's, but bigger and better-lit—in a phrase, way cool. I went to Bloomington at the end of September and Tracks, an independent music store there, now sells mainly IU gear. That's less cool.

The pervasiveness of online music has speeded the demise of the local record store. Nor does the great, long-form genre of the album—conceptual or general, CD or vinyl—serve as the default definition of music. Purchasing and listening to music has become increasingly fragmented, which is not inherently better. Browsing the stacks of a local record (or book) store and finding something rare or wonderful is so twentieth century. "Browsing" Amazon just isn't the same,

or as revelatory. And what about liner notes and explanatory essays? I fear that those genres are disappearing, too.

Previously, I've held forth about the superiority of books to e-readers. The same goes for CDs versus iPods, individual mp3 downloads, Spotify, and the like. I admit to owning a Zune and using, with some frequency, Grooveshark and Pandora. I've backed up many of my CDs to an external hard drive and have a good number of them on my Zune. This doesn't mean, however, that I necessarily favor these things to CDs: More pertinently, the experiences of consuming and enjoying music have changed, and I'm still puzzled by the ramifications.

It's not just about having an artifact, although playing a physical CD, enjoying the accompanying artwork, and scrutinizing the lyrics are, I think, more genuine experiences than having them filtered through a tiny device, or a laptop. As is—sorry, was—visiting Bert's Compact Discs.

Fall sports teams dominate HCAC

Volleyball and men's soccer pursue conference championships

Kurtis Zimmerman • sports editor

Nine consecutive wins for men's soccer, and a single-season record 21 wins for the volleyball team. The teams' impressive performance throughout the fall season put them in contention for a conference championship.

Rose-Hulman's volleyball squad and four other schools ended the regular season tied for a share of the conference title, and the Hanover College Panthers ended up with the top seed in the conference tournament after the tiebreaking process, earning exemption from the first round of play. This Saturday Mount St. Joseph, the #2 seed, will take on Bluffton University, who bested Defiance College. Preceding that game will be the Engineer-Panther matchup, and the victors of the two matches will square off in the championship match.

Their regular season culminated in a straight-set victory against Defiance College this past Saturday during Senior Day, where graduating members Karah Hickman, Morgan Williams, and Leah Pelzel were honored before the games. Following the matchup against Defiance, Rose-Hulman went on to come back after losing the first set to Illinois College to wrap up the weekend



The volleyball team will travel to Hanover this Saturday, while the men's soccer team will challenge Earlham at home at 1 p.m.

with their 21st win of the season, establishing a new school record which they bested on Tuesday during the opening round of the HCAC Conference when they rallied after losing the first two sets to pick up the next three sets with a balance team effort.

which is set to take place on Sunday at 1 p.m. The Lady Engineers would face off against the winner of the Bluffton-Mount St. Joseph game. The conference champions will earn an automatic bid in the NCAA Division III tournament that will begin next Thursday, November 10.

Saturday marks the team's next match, where they will hope to repeat their victory from earlier this fall. The match starts at 2 p.m., and if Rose-Hulman wins, they will advance to the championship game

In the past month, the men's soccer team went on a run of nine consecutive wins, capping that at a school record ten straight victories after defeating College of Mount St. Joseph in the semifinal round of the

HCAC championship. The victory also marked the tenth shutout of the season for the Engineers.

With three assists in the match, sophomore John Munson tied a school record shared by nine other players. He also claimed a new school record with ten assists throughout the season. Senior Clint Vatterrodt established a new single-season school record with 48 points.

Top-seeded Transylvania University fell to Earlham in penalty kicks after their Tuesday night game ended in a o - o tie.

Rose-Hulman News Earlham will travel to Terre blace on Sunday ngineers would winner of the Joseph game.

Joseph game.

Appions will earn the NCAA Division November 10, culminating in the championship game which is tentatively scheduled for December 3.

Volleyball squad discusses monumental season



Coach Brenda Goble

Having been with the Lady Engineer volleyball team since its inception, how has the program changed?

It has changed tremendously. We play much more competitive opponents, in conference and out. We have respect for the teams, whether at top of conference or bottom. We've been at the bottom as well, so we understand their struggles. We now have the athletes and the volleyball experience to compete.

What do you attribute your success over the last several years to?

Collectively, we are more unselfish and have more respect for each other. There is a belief that we can beat anybody. Given any opponent, we feel we can beat them.

Are there any obstacles your team has had to overcome this year?

As always, there have been some injuries and some illnesses. We've had a change in venue. Life is full of obstacles that must be overcome. The parents, faculty, and student body have pushed us to new levels. They have been incredible. The backing from campus is greater than it has ever been. We truly have the best fans in the world.

What do you enjoy most about coaching the volleyball team here at Rose?

I love my team. Since I have no children myself, I kind of treat the girls as my children. I love the effort they give, knowing and seeing how worn out they are from school. The support we have is awesome. Dr. Artigue is a big supporter of our program. He never misses a match and shows unconditional support regardless.

Can you describe the emotions/atmosphere before and after Saturday's games?

It was Senior Day on Saturday so of course many of the girls and their parents had a lot of extra special things planned for our 3 seniors! I just wanted our team to come out strong for the Defiance match. After the win I let them know they were HCAC regular season champs and there would be a championship banner hanging in Hulbert arena in the near future. A couple of the girls screamed and others got teary eyed.

It was an exciting day and the most memorable Senior Day I can remember. As far as preparation for the HCAC tournament we have been focusing on taking one opponent at a time. We can beat anyone in the HCAC if we stick together.



Leah Pelzel (BE)

What has made this year special?

This year we have gelled more as a team and are all on the same page. We all are working our butts off every day so we can win the conference.

What is the team's confidence level like leading up to the HCAC tournament?

I think we are confident but not cocky. We know we have the potential to win it all but have to work extremely hard to get there.

Describe the emotions and atmosphere following Saturday's games.

Everyone was just so happy and excited. We were jumping up and down and when we found out we got a banner for coming in first everyone just went crazy. Emotions ranged from crying to screaming and jumping.



Karah Hickman (BE)

What is the team's confidence level like leading up to the HCAC tournament?

The confidence level is definitely high knowing that we have beaten the top two seeded teams in the conference. We know that we have the potential to beat every team in the conference

As a senior, how has the program changed in your time playing?

The caliber of recruits that we receive has increased over the years. This bumps up the level of play that we can have each day at practice, which makes the team get better each day.

When looking back on this season, what do you think you will remember most?

This is the most talented team that I have played on, and it is sweet to think that we could be a part of Rose's women's athletic history.



Morgan Williams (BE)

What has made this year special?

Everyone came in with confidence and a positive attitude. Also, our team has also grown really close because our successes have brought us together.

Describe the emotions and atmosphere following Saturday's games.

We were kind of in shock. Especially for the seniors to finish our last game at home with a win to tie for first in conference was amazing.

When looking back on this season, what do you think you will remember most?

How we never gave up. We had a lot of matches that went to five games and we won almost all of them. We never went down without a fight. Are you tired of that guy in the front row asking all the questions?

Are you one of the 99% that's sick of the 1% of students who know what's going on making you look bad?

FIGHT BACK! OCCUPY THE FRONT ROW, AND SHOW THOSE KNOW-IT-ALLS THAT WE WON'T TAKE IT ANY LONGER!

#OCCUPYTHEFRONTROW



Andy Chen• That guy in the-- no not him, the other guy in the mask

Nasty Rumor of the Week

This round of finals are going to be accompanied by a 'physical' portion. 3 minute rounds of boxing will be scheduled between each exam question, and the winner will be awarded bonus points to offset any head injuries.

Top "10" Ten

Horrible things to have happen during your finals

Noël Spurgeon • Battle scars abound

- 10. Power outage. Think that Meatballs final is difficult? Try taking it when you can't even see the questions...
- 9. The fire alarm goes off. On the bright side, if there is actually a fire, you won't have to take the final. On the not-so bright side, there probably isn't.
- 8. Any question that consists of three lines of text, a diagram, and six blank pieces of paper. Horribly enough, there's rarely only one of these.
- 7. Your power supply goes bad in the middle of the computer portion. Also, since you're *not* a freshman, your battery life is exactly 5.62 seconds. Just enough time for your life to flash before your eyes as the program that you've spent the last hour slaving away on vanish like smoke on the breeze.
- 6. Sleeping. That is, you sleeping. When you're supposed to be finals-ing. The caffeine drip will only take you so far, friends.
- 5. Any question that has the word 'derive' in it. It's pretty much Rose-Hulman for 'you're not going to finish this test. Commence praying.'
- 4. You calculator decides that it's a great time to go AWOL. By the way, this is a Physics final.
- 3. Even though you spent hours tabbing your textbook and color-coding your tables, you arrive to your final and realize that you've grabbed the wrong book.
- 2. Run out of lead. Find lead. Finish a problem. Realize that you've done the problem wrong... and you're now out of eraser.
- 1. Nerves get the best of the guy sharing the table with you, and he decides to lose his lunch (and breakfast, and yesterday's dinner) ... all over your exam.

OH GOD OH GOD PANIC. OH GOD PANIC. OH GOD Wait, what? Tenth week? I'M NOT

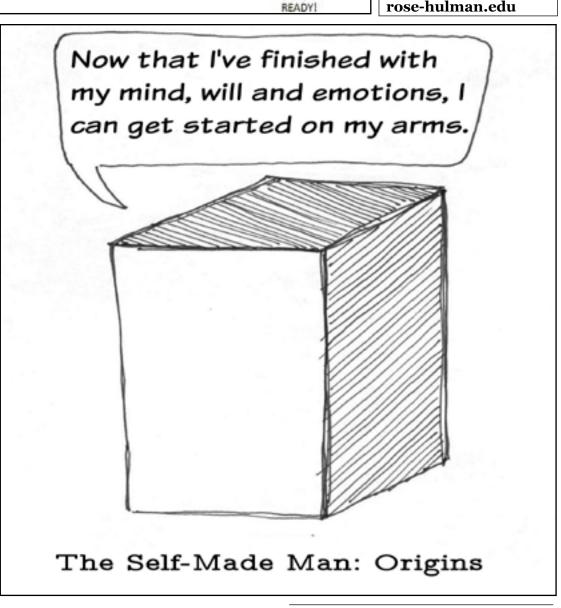
Wacky prof quotes

- "See, now we have partitioned this space into a more useful configuration... I'm using the good words today."

 Dr. Downing, on the importancy of using vocabulary goodly.
- "This is like officially sanctioned DR roommate abuse. Let me know how it goes."

 —Dr. Langley, on how to keep your roomies in line. No more latenight television for them.
- "Grad school is so much better. You'll sleep more, have hobbies, and know what's happening in the world! You'll still eat ramen though."
- Dr. Livesay, proving that you can't always get *everything* you want.
- "Spelling is commutative."
- Dr. Holder. Now if only my editors saw it that way...
- "If you stand on the neutral wire and touch live, you will guarantee that you will kill yourself."
- Dr. Song. I'm not sure why I'd do that, but... thanks?

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



Stephen Mayhew[•] Takes 'sculpted' to a new level