President Conwell spoke to students, faculty, and staff Wednesday at an ice cream social on the Hulman Memorial Union patio to celebrate the end of the Five-Word Challenge. The event was well attended on the sunny and warm afternoon, with attendees commingling and conversing over ice cream served by Aramark employees. During the event over 30 gallons of ice cream were consumed along with numerous toppings that suited everyone’s sweet teeth.

Approximately halfway through the event, President Conwell took the opportunity to speak on the Five-Word Challenge and present the winners. The idea for the challenge came from Mary Atteberry, the Associate Vice President for the Communications and Marketing Department. The Five-Word Challenge was led by Jim Goercker, the Vice President for Enrollment Management and Strategic Communications, who wanted an initiative to start a conversation on why Rose-Hulman is a special place.

The thinking behind the challenge was to come up with a phrase of five words or less that could use to describe Rose-Hulman to someone unfamiliar with the school. The top three phrases, which were chosen by a panel of students, faculty, and staff, were “Uncommon excellence, lifelong community,” “Where thinkers and tinkerers thrive,” and “Collective excellence, individual passion.” President Conwell noted common themes among the over 500 responses, including buzz words such as “excellence,” “empowering,” “innovative,” “challenging,” and “community.”

Students found the challenge interesting, as describing all of what Rose is about in five words is a strenuous task of oversimplification. Students did not necessarily consider five words enough to speak about what makes Rose special. “Anything that could be said in five words is too simple,” freshman computer science major Dan Mikhail said. “It’s definitely better than nothing, but I don’t think it gives a true view of Rose.”

The Five-Word Challenge also gave students an opportunity to reflect on what makes Rose-Hulman a great school. “There’s really value to things like [the Five-Word Challenge] for student input and for students to really say what they love about Rose,” freshman computer engineering major Anthony Lin said. “I really enjoyed Attitude of Gratitude Week because it tried to emphasize this.”

Students helped themselves to toppings for their ice cream at the event. Over 30 gallons of ice cream were served.

The Communications and Marketing Department, located in Hatfield Hall (pictured above), organized the Five Word Challenge.
The Rose Thorn is Rose-Hulman Institute of Technology’s independent student newspaper. We keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information.

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Miriam Remmers • editor-in-chief  
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Marc Schmitt • news editor  
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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 edit submissions in so far as the original intent of the submission remains unaltered, and to reject submissions deemed inappropriate for print are reserved by the editors.

LETTERS TO THE EDITOR should be no longer than 600 words in length and must contain the writer’s (electronic) signature.

THE VIEWS EXPRESSED herein are those of their respective authors and with the exception of the Staff View do not necessarily represent the views of the staff or the Rose-Hulman community.
How to Start Up

Bethany Martin • Editor-in-Chief

Jason Zielke, director of professional products at Precise Path Robotics, spoke about his experience in entrepreneurship Wednesday at a meeting for RISE, a campus club that encourages entrepreneurship in students.

Zielke is an alumnus of the mechanical engineering program at Rose-Hulman, though he has background in computer and electrical engineering as well. He started his master’s degree at Ohio State University in electrical engineering, but soon changed his focus to a Master of Business Administration. He worked as a graduate assistant at Rose-Hulman Ventures and cites this as a proponent of his entrepreneurial spirit.

Zielke spoke about the journey and the challenges of growing a startup business, making it successful, and being acquisitioned by a larger company. Precise Path, now owned by MTD Products, started in 2004 with a fully autonomous Jeep that was built to compete in military-funded races to exhibit their accomplishments. By 2006, there were 120 entries in the race. They decided to transition from fully autonomous vehicles to work on developing sensors, and in 2008 they again transitioned their focus to an autonomous golf greens mower called the Robotic Greens Mower 3 (RG3). The focus was to develop a greens mower that maintained dramatic striping and reduced the amount of labor that the golf courses needed to complete every morning before play. They rented a nine-hole golf course in order to test their product, during which, Zielke admitted, they ruined some of the greens. The end product has a system of sensors that teach the automotive mower the different features of the course. It usually takes the mower two weeks to completely learn the course and reach its potential.

Precise Path saw sudden changes from 2009 to 2011. In 2010 they started putting units in customer’s hands, and most improvements since then have been software. The RG3 cuts on average 50 percent of the labor needed to maintain a golf course. The traditional process costs the golf industry $202 million in mower costs and $800 million in labor. The new and improved process costs the golf industry $543 million in better mowers and $39 million in labor, saving the industry $140 million a year. However, the money is often not a big enough reason for courses to switch to an automated mowing system. The company also provides installation service and an implementation process. This gives comfort to the courses that are unsure or uncomfortable with the transition.

Zielke asserted that a good entrepreneur needs vision, strategic thinking, business planning, leadership, the ability to sell, and passion. He later added that luck is a large part of the game. He paraphrased Bo Peabody’s book “Lucky or Smart?” and said that “it is important that you are smart enough to realize you are getting lucky.” Zielke finished the meeting by answering questions from students and members of the FIRST robotics team “Area 5188.” Zielke was asked if people are born with the ability to sell or if it is earned. He replied that it is necessary to practice and that your ability will evolve over time. He went on to say that during the time they were pitching the company for acquisition, he could do his presentation by heart and at perfect timing to the way the potential buyer was reading.
Les Misérables

Mark Rodgers • Opinions Editor

Let’s start out with some background information. I used to despise plays, musicals, and theater in general. The reason? Oversaturation. My sister was involved in plays and musicals for most of her younger years, which meant that I was dragged to many a rehearsal and performance, which I honestly dreaded. I watched her literally rise through the ranks of the Von Trapp family daughters, she was in “Sound of Music” that much! So I needed a break. I didn’t go to any of my high school plays or anything; I was so over it all. But I decided when I came to Rose I’d give it another try and went to my freshman year’s fall play for the “25th Annual Putnam County Spelling Bee,” and I realized I missed going to stage shows a lot.

Fast forward to today. I have been to many of the Rose Drama Club performances so far since I came to Rose, but I was anticipating this one a lot. It is one of my favorite musicals; I even play the movie soundtrack when I need to kick down and do some procrastination homework.

I have seen another production of “Les Misérables” before at Bee & Boards, and have also seen the movie, and honestly, I liked the Rose version the best. There is something to say about seeing people you know play these characters you’ve seen on the big screen. It’s a weird feeling. But all the actors did a fantastic job making the characters their own. The two lead roles, Jean Valjean and Inspector Javert, played by Ryan Seale and Devon Timaeus respectively, were in rare form, sporting some serious vocal prowess. One of the highlights of the performance was the Master’s “The House of the Rising Sun” sequence, which had the cast thoroughly enjoying themselves at the inn while the infamous Thénardier and Madame Thénardier (Christian Shulz and Sarah Eberhardt) robbed them blind.

The simple act of putting on this musical is a feat in and of itself. In total, the cast, crew, and pit orchestra numbered 105, which is more than seven times larger than the previous performance, “A Flea in Her Ear.” This gave rise to the only fault I could find with the new production, which was that sometimes I couldn’t hear some characters, especially during a big ensemble number. But that is something I expected with a cast this large. Stage Manager Gabby Grande admitted that in total 50/60 times to ensure everyone who needed one was covered. Even more incredible still was that the soundboard was run entirely by freshman Miles Denison, which is definitely something to put on a resume.

This performance shows how much we as engineers can accomplish outside of traditional science and math, and it makes me even more proud of our multitalented campus.

Rating: 4.5/5 Rosies

Les Misérables Revolutionary

Nathan Montgomery

David Huang • Entertainment Editor

The newest release from the makers of “Surgeon Simulator” is yet another simulation game. This time, though, instead of bashing in people’s rib cages with hammers and throwing brains around the ambulance, the player gets to immerse themselves in the life of a slice of bread as it seeks to become toast.

“I am Bread” is the latest in a series of odd themed simulation games being released these last few years. Coming on the tails of games like “Goat Simulator,” “Bear Simulator,” “Kim Possible,” and “Surgeon Simulator” is yet another simulation game. This time the creators of “Surgeon Simulator” is David Huang and Nathan Montgomery.

As a piece of bread, the player must also maintain their dignity and life by staying edible and delicious. Staying edible means staying away from obstacles such as ants, the floor, mud tracks on the floor, and raw or rotting food laying around (Mr. Murton does not keep house well at all). If the bread becomes too contaminated, it’s game over, and you are not toast. The player can also boost their deliciousness by coating themselves in jam or butter, both of which also change the bread’s grip properties in order to help the player in different ways.

“I am Bread” does make sure to keep itself playful despite its steep learning curve though. If a player fails to complete a level several times, the game spawns an invincible power-up so the player can at least flop around until they figure out an approach to the level.
Inspiring Personalities: Professor Fine

Sidharth Ramesh • staff writer

For this week’s Inspiring Personality, we talk with Professor Jerry Fine of the mechanical engineering department. Professor Fine is a man of action; he flew airplanes for the Navy for seven years in his earlier days, likes to learn new languages, and already has admirable language skills in Spanish, Portuguese, and Chinese, and has visited at least 50 countries. Along with others, Professor Fine established medical clinics in Africa, volunteered for drug rehabilitation centers in Mexico and in the United States, and leads Spanish Bible study in the Putnamville state prison. Professor Fine also prides himself on the fact that he likes to keep fit. Even at 68, he likes to run 15 miles every week. Despite his busy schedule, Dr. Fine found time to answer some questions for The Rose Thorn.

If you do your duty, that is success.

‘What attitudes have helped you in life?’

I believe that goodness and purpose in life is possible by prayer, meditation and spiritual discipline. Being close to God has been a crucial motivating factor for me. I try to live humbly. I think I could have been very un-successful and still be a success in the eyes of God.

Who wouldn’t want to watch a movie outside?

Sidharth Ramesh • staff writer

If you need something to do this weekend, the local drive-in is opening for the season. Cinema 67 is one of my favorite places for a date night or simply a night out with friends. For the mere price of eight dollars, you get access to two movies. The first film is a recently released children’s film whereas the second is a newly released PG-13 movie. It’s all the fun of the movies but without the other people. If you want to talk during the movie, you can. If you want to sit in silence, you can. You can bring all the snacks that you would take into the movie anyway.

This theatre opens up at 8 p.m. Friday through Sunday, and the movie starts at the last film. It’s all the fun of the movies but without the other people. If you want to talk during the movie, you can. If you want to sit in silence, you can. You can bring all the snacks that you would take into the movie anyway.

Enjoy a Movie Under the Stars

Amaryllis Biduaka • Lifestyle editor

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Romeo and Juliet

Friday at 7 p.m.

The Starless Sea

Saturday at 7 p.m.

Dr. Hook at the Hyatt

Sunday at 7 p.m.

On the cheap.

4 Bedroom, 2 Bath House for rent not far from Rose-Hulman. 1,550 square feet located on 4.1 acres with lots of privacy. Includes living room, dining room and kitchen.

$995.00 per month includes all utilities except electric. Lawn mowing is also included. Shared access to swimming pool area.

Call Brett Gibson for details at (812) 237-9119 or email to brettgibson@benton.com.

Located at 9842 E Deer Run Drive, Terre Haute, IN 47802.

Looking for an off-campus rental?

Do you have life?

Do you have style?

Why not write for Lifestyle?

Wednesday at 5:15

O259

Be realistic and be persistent

I were a Rose -Hulman student from Ameri-
cultural change, I would try to go on a date with a foreign
good preparation and we taught

Take advantage of the variety of activities on
campus. I would suggest working out. Work out
don’t just sit there and be a couch potato. I’m
68 and I run 15 miles every week; your body is a
priceless thing and you should be treating it with as
good care as you can.

RT: Advice to spring graduates?

JF: You’ve had a great preparation and we taught

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The Other Side of the Desk

Inside the “Rose Bubble”

Dr. Daniel Chang
Professor of Electrical and Computer Engi-
neering

Many of you are aware of what we call the “Rose Bub-
ble.” It is the term we use to describe the lifestyle that Rose students “suffer” through while living on a small college cam-
pus in Terre Haute.

Over the last few years, I’ve made the following observations:

Chicken nuggets, curly fries, and specific cereals (usually the sugary and color-
ful ones) are sacred to many of you and can make or break a day. I hear back in the day, students were in an uproar because Fruit Loops weren’t on the menu, and after some picketing, they were back on the menu.

Many of you are quite stubborn that a specific seat in class is yours. More than once I’ve heard a student say “that’s my spot!” like Sheldon from “The Big Bang Theory.”

You leave your belongings out in the open without fear of being robbed. Although that’s fine on campus, the world outside the bubble isn’t as trustworthy.

The five-minute walk from Lakeside to your class is considered “too far.” Especially in the winter.

You use things like Rose Confessions and Yik Yak when you need a break from all that Rose puts you through. Mike Jones (for full effect, say his name in a disappointed tone).

You pass the time with terrible jokes and puns. I’m looking at you, Collin Marcotte and Ray Zheng.

Now a lot of this has a very “get off my lawn” feel to it, and although many of the things above are said in jest, it leads me to a more serious point about the atmosphere and family-like culture of Rose-Hulman. Like many of your professors, I did my undergrad-
uate and graduate studies at larger universities, specifically the University of Illinois-Urbana Champaign (UIUC) and the University of Wisconsin-Madison.

During my senior year at UIUC, multiple female students were raped and during my first year at Wisconsin, a student was mur-
dered on her way home and the killer was never found.

Now Urbana-Champaign and Madison are relatively safe cities, but I remember both campuses being on edge and the students’ concerns being more serious than curly fries being taken off the menu.

At the end of the day your parents and professors want you to be in a safe and de-
traction-free environment where you can ma-
ture and grow. Rose-Hulman provides that with a community-focused environment where many of your worries are “Rose prob-
lems.”

Although I joke about a lot of that here, the feeling is I’m happy for you and proud to be a part of it. So please continue to tell me about your “Rose problems” because it puts my mind at ease and lets me know that your life inside the “Rose Bubble” isn’t that bad.

As students know, I tend not to be a very serious person, so in closing, San Dimas High School Football Rules, Pikachu is a wa-
ter-type Pokemon, and “Super Mario Bros-
ers 3” is the best Super Mario game regard-
less of what Dr. Simon Jones thinks.

Chicken nuggets, curly fries, and specific cereals are sacred to many of you...

Alex Weissenfels • guest writer

Two weeks ago I attended Question Mark, an event hosted by InterUniversity, where a Christian pastor named Mark Slaughter answered questions about his religion. I was impressed by both the questions and the event itself. Discussions like this should happen more often, so people can respect each other better and eventually reach a mutual understanding of reality.

I learned more about Mark’s Chris-
tian beliefs, but I and many others are still unconvinced of the existence of deities and are unsatisfied with the claims sup-
porting them, which tend to substitute ethos (appeal to truthfulness) and pathos (appeal to feelings) for much-
needed logos (appeal to logic). Reason becomes subservient to feelings in the phenomenon called doublethink.

The “Devil’s Pitchfork” optical illu-
sion illustrates doublethink. It depicts two rectangular prongs that seemingly be-
two tubes that end with two parts of a supposed whole that don’t connect properly.

Mark’s Christianity has two asser-
tions; whichever one produces the “appropriate” feeling for a situation gets applied, and the place where assertions (dis)connect is dismissed as an indivi-
dible mystery.

The first claims the existence of a deity that is awesome, all-loving, and gen-
erally perfect, and somehow that we should all give it praise and control over our lives.

The second holds that humans are inherently weak and unworthy of help, and that it is important that we have “free will,” a nebulous term which here seems to translate to “the ability to screw up, especially cataclysmical-
ly.” Lucky us. Of course, stopping someone from making a terrible mistake interferes with free will, which is bad. Imagine holding inter-
ventions for self-destructive friends, or forcing children to attend school? These two assertions exist so you may eat your cake and have it, too. The first makes people feel happy because ‘Everything is Awesome’ and someone powerful is ‘protecting’ them. The second as-
sertion preaches self-abasement, belied by the idea that simply by saying so, one can become best friends with a deity who we’re told rules over everything. One gets to be arrogant under the façade of humili-
ity (“I’m unworthy, but my deity is awesome and loves me”), and one can accuse of arrogance anyone who tries to improve themselves and their own lives, because they are also wretched (a descrip-
tion theists often apply to them-
selves) and cannot do better than plead for help they apparently both need and don’t deserve. It also explains suffering; we deserve it and are free to destroy our-

Question Mark

The “Devil’s Pitchfork” Photo courtesy of Wikipedia.com

In my own ethics system is based on the promotion of consciousness and helping people to transcend their limitations to become more. We can develop funda-
mental skills that become intrinsic to our-

mark the world’s Greatest Parent is anything but.

My own ethics system is based on the promotion of consciousness and helping people to transcend their limitations to become more. We can develop funda-
mamental skills that become intrinsic to our-

...
**Softball Goes Half and Half over the Weekend**

*Kevin Trizna • Staff writer*

Rose split the two games over the weekend against Manchester University, leaving the team with a 20-12 record after Sunday. The first game was relatively low-scoring as senior pitcher Carly Heibel allowed only one earned run on five hits and earned her fifth win of the season.

The game remained scoreless until the fifth inning when freshman Jessica Will doubled to right center and scored freshman Michelle Korf. Manchester would strike back and tie things up in the bottom of the sixth, but Rose relied on an RBI from freshman Gabbie Markison to break the tie in the top of the last inning and extend the lead to 2-1. The Fighting Engineers took a tough loss in the second game, where despite reaching double-digit hits, Rose fell 3-2. Markison, Korf, and junior Mariasa Stout both recorded two hits each, Stout opening the scoring with an RBI single to left center. In the bottom of the fifth, Jessica Alhborn extended the lead to 2-0 with another RBI single, but that would be the last run Rose would score.

A 2 RBI-single from Manchester would tie the game up in the bottom of the fifth, and then a walk-off score from a wild pitch in the bottom of the seventh sealed the fate of the Engineers.

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**Baseball Leads**

*Kevin Trizna • Staff writer*

Rose swept its three-game series over the weekend against the Bluffton Beavers in Bluffton, Ohio. The first game of the series, which required two extra innings to complete, started off with Bluffton jumping out to a 2-0 lead in the first four innings. Rose started to battle back in the fifth as junior Nevin Fanzher ground out to third, which allowed junior Donnie Waters to score. Rose would then go on to tie the game up in the eighth on a wild pitch from Bluffton pitcher Taylor Gambrell.

Regular innings wrapped up with a 2-2 tie, and junior pitcher Alec McNally came in to relieve junior Karson Nixon, who allowed just three hits and one earned run with a career-best 12 strikeouts. McNally would proceed to toss two scoreless innings to seal the victory for Rose, who scored the go-ahead run in the top of the 11th as Donnie Waters scored for the second time in the game on a fielding error.

Senior Pitcher R.J. Carroll led the team in the second game by tossing his first shutout of the season and allowing only six hits and six strikeouts. Carroll improved to 5-1 in the win that saw Rose’s offense light up for 13 hits. Waters continued his solid weekend with a single RBI and a run on a wild pitch. Fanzher got in on the action with an RBI of his own and was joined by sophomore Zach Trusk (1 RBI), senior Josh Hoeing (2 RBI), and junior Patrick Fansher got in on the action with an RBI of his own and was joined by sophomore Zach Trusk (1 RBI), senior Josh Hoeing (2 RBI), and junior Patrick Fansher with an RBI of his own.

Two outs later, with the game on the line, Hoeing smacked an RBI single to tie the game up and was followed by junior Hazen Hamather’s RBI double to score Waters and the go-ahead run. Pitcher Andrew Stull, who had tossed a solid 8.2 innings with only four singles allowed, was relieved by closer Alec McNally, who picked up his sixth save of the season and took down Bluffton in the bottom of the ninth for the 2-1 victory.

Rose now has the sole possession of the lead in the conference and looks to wrap up a successful season with a game against Anderson University on Tuesday and a three-game series against Mount St. Joseph this weekend.

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**Tee Off Strong**

*Kevin Trizna • Staff writer*

At the halfway point of the HCAC tournament, the Rose men’s Golf team currently stands fifth in the rankings. Junior Sanders Park, who has had an excellent season to date, is fifth with two rounds of 75 on Saturday and Sunday. Fellow teammate Es Wittayakom is 14th overall with scores of 79/78. Other notable rankings are sophomore Sam Pastoria with a 25th overall ranking (85/81) and junior Warren Whitehaus with rounds of 80/80. The Engineers will finish the second half of the tournament this upcoming weekend.

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**The Men’s golf team stands fifth in the ranks**

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**HCAC: Heartland Collegiate Athletic Conference; RBI: Runners Batted In**
**TTOP TEN**

1. Where fun goes to die
2. Five ways to say pain
3. No ice is safe ice
4. Friends, school, sleep: choose two
5. Blue screen, blue screen, blue-
6. Our Yik Yak is broken
7. We are really good at math
8. We have a rock wall
9. I went to sleep once

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**Heart-Stopping News**

A terrible tragedy hits Hose-Rulman this past Wednesday. One student, She-Who-Shall-Not-Be-Named-For-The-Sake-Of-The-Grieving-Family, was attacked by a vampire on her way to lunch. The vampire in question had been lurking around the Blood Drive center, drawn in by the smell of blood.

As students know, the Blood Drive occurs at least once every quarter in order to collect blood for the vampire covens in the area. Without their help, the vampires would have already sucked the town dry. Apparently, this vampire couldn’t wait. As a result, the victim suffered severe hemorrhaging from the neck due to...