Everyone knows that the mantra at Rose is “If it’s worth doing, do it in the end.” For people like Matthew Fouts, an alumni with a very successful career working in software development for Rual King, the mantra holds true. Matthew graduated from Rose with a Bachelor in Physics and later with a Masters in Engineering Management.

“According to Matthew’s very proud parents, he’s always been very smart with “a sponge instead of brain matter.” Just being smart isn’t what made Matthew this successful though. When asked about what Rose prepared him the most for his career he said, “the ability to sit and not do much.” Just being smart isn’t what made Matthew this successful though. When asked about what Rose prepared him the most for his career he said, “the ability to sit and not do much.”

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“According to Matthew's very proud parents, he's always been very smart with "a sponge instead of brain matter." Just being smart isn't what made Matthew this successful though. When asked about what Rose prepared him the most for his career, he said, "the ability to sit and not do much." Along with this he gave some very good advice for those still trying to figure out what they want after Rose: "If you want to have a successful career, go out and get jobs to find out what you're interested in." Experience is the best way to learn, and any experience is a learning experience.

While working for Rual King, Matthew also occasionally helps his parents on weekends to manage Mama’s Pizza. Previous- ly, Pizza City, Mark Fouts (Matthew's father) bought the building a few months ago as a birthday present for his wife, Mary, also known as Mama.

Matthew helped get all of the cash registers and IT stuff running and got the business off the ground pretty quick. With several 5 star reviews and, in my opinion, breadsticks better than Olive Garden, it's pretty obvious why this place is gaining so much popularity.

Right now, first time customers get a FREE piece breadstick and dipping sauce with purchase and coupon! You can pick up your coupon in the Per- copo Classroom while supplies last. Mama’s Pizza is open Tues- day through Sunday from 4-9 pm, with delivery on weekends only, located at 6325 S. State Road 46, Terre Haute, IN, 47802. I very highly encourage everyone student and faculty mem- ber to try Mama's amazing pizza. The breadsticks are truly mind- blowing and you won't find bet- ter pizza anywhere else. My rat- ing: 5 stars, thank you Fouts family!

*Sponsored by Mama's Pizza*
The Pen is mightier than the sword
Tuesdays 5:00p O259.
Contagion: Tracking the Deadly Coronavirus

News Brief on the Potential Pervasive Pandemic

Dara Nafiu Staff Writer

In another haunting development in the coronavirus story, the virus claimed the life of a 44-year-old man in the Philippines last Saturday. This is the first recorded death outside China. The Filipino health secretary confirmed that the patient, a 44-year-old Filipino resident of China, had been a resident of Wuhan, China, the epicenter of the deadly virus. According to CNN News, there have been over seventeen thousand cases of the viral infection worldwide, with the vast majority within Chinese borders. Additionally, all but one of the 805 deaths have also been Chinese citizens. This steep ratio is more than basic epidemiology—China has taken several drastic measures to attempt to retroactively curtail the spread of the infection by effectively locking down cities with the growing list of travel bans from other countries. The Chinese government has quarantined at least fifteen cities, placing almost 50 million citizens on lockdown. This steep ratio is more than basic epidemiology—China has taken several drastic measures to attempt to retroactively curtail the spread of the infection by effectively locking down cities with the growing list of travel bans from other countries. The Chinese government has quarantined at least fifteen cities, placing almost 50 million citizens on lockdown.

Medical workers transporting a coronavirus patient into an isolation ward in Fuyang, China, on Saturday. Experts fear a coronavirus pandemic, but its severity is uncertain.

You decide what’s newsworthy.

Tuesdays at 5:00pm in O259
William Kemp
Editor-in-Chief

Opening on the quiet spring morning of April 6, 1917, in Verdun, France, we see the second battalion, the duo is sent on a mission to get the upper hand and capture their own game engine for the task, everything upgraded significantly. Combat makes you their own game engine for the task, everything huge improvement over its predecessor in just to the next one.

But it just doesn't quite reach that potential, changing which sword fighting style Geralt of damage. The only other input the player has is combat, and then time your clicks with the rhythm where you click on an enemy to begin instead wants to act as a game of reflexes and

mechanical level, lucky for those of you who tails and mainly comparing the games on a the entire series, and comparing each game. won't be discussing one particular game, but series released and was subsequently watched with those two bits of information, I'm talking take inspiration from a little

new entry. It's also uncommon for a game to ever, according to ScreenRant, there are 34 maybe four cuts throughout the film. How-

movie in one take, so the crew cleverly used the movie, Sam Mendes managed to make it sure who stands behind it, it is impossible

to pick up the patterns of music during those times made it seem

ground, and I couldn't look away. As action

of music during those times made it seem

the bass from the bombs shook the very

With the very

rugged blood

heavy breathing and limping footsteps as

of those dramatic effects seen in

Besides all the dramatic effects seen in

around the
Plastic: An Official Report


A look at one of the world’s most devastating substances

Colin Beach
Rose News Editor

Plastics – a material of every day life, so abundant in our world that we barely recognize how much there truly is. You have to really step back and look at the big picture to see just how much our global market depends upon this definition, plastics are synthetic or organic polymers often produced using petrochemicals (derived from oil) and additives. It is a combination of what we have found in our natural world and of materials we have made in the world.

Polymers are long chains of molecules – indivi dual units called monomers – that span minimal lengths but together make a huge impact. Depending on the temperature the monomers are heated at and the additives input (blatant reductants, dyes, and antioxidants) to name a few) the plastic can vary. Some can result in soft, malleable materials like a plastic grocery bag, or it can create a harder plastic, such as a phone case or computer. Throughout the process, the monomers are rearranged into various forms that are the basis of most plastic polymers. Compounds similar to petrochemicals can also be obtained from coal, natural gas, and even corn (though these natural alternatives are still inefficient). The common process of production begins with petrochemicals undergoing a “cracking reaction” that breaks them down into the monomers. These monomers undergo polymerization that they form resins and are mixed with the desired additives.

The end goal is to heat, mold, and shape the plastic: for the purpose it must serve. It is clear that plastic is more than just water bottles and bags. With the complexity of this process, it is a wonder how we can have so much plastic in our world. However, each year worldwide over 300 million tons of plastic is produced. People think it is hurting our environment, but we still produce it. The industry’s growth is also phenomenal, where developing coun-
tries like India are seeing a consistent increase in plastic production every year.

Not to mention, the additives and monomers make the issue worse. Petrochemical, admittedly, isn’t good to just throw on the ground. But these dyes, pigments, coatings, and “safety chemicals” that leach into the air, despite being a second thought, are in production reactions of melting mono mers and additives together, part of the process results in releasing parts of what used to make up the old monomer or polymer.

There are still inefficiencies with the process; it is a wonder how we can improve it, and there can always be more of them. Bottom line, it is spread out across the entire ocean, deemed the “Great Pacific Garbage Patch,” is not unless in the ocean itself is what hints at the plastic is already made, what happens then? We know that we can recycle plastic, but the true amount it does to save the Earth is surprisingly minimal. Recycling plastic is not as simple and efficient as some people think. Because types of plastic differ at the molecular level, recycla bles must be matched and broken down into these with similar mono mers. Most types of plastic are extended to the monomers for are skipped and are glued down to trash. Mountainous landfills are spotted across countries like mold growing to waste. These piles, just like our lives, are full of plastic. Nearly three million tons of plastic are used worldwide on disposable water bot tles each year. And in the U.S., nearly 80% of these single-use containers fail to make it to the recycling bin. Plastics are highly non biodegradable, taking anywhere from fifteen to one thousand years to decompose in landfills. Styrofoam is especially dangerous, taking longer than typical plastic to break down, and its light weight allows a simple gust of wind to spread debris.

Other than landfill, which Thankfully have a legal duty to manage, a vast majority of our trash ends up in the oceans. An estimated 7 million tons of plastic end up in the oceans each year. And with no governing body over the ocean, the cleanup process is mini mal and mainly performed by small private organizations. These small groups don’t have the population’s support or wide spread technology and funding to assist this effort. An immense gathering of plastic in the Pacific Ocean, deemed the “Great Pacific Garbage Patch,” is not nec essarily a blanket of trash the size of Texas (as most people claim). Ra ting plastic, floating below the surface, with no governing body over an ocean, it’s not a surprise that there is a “plastic in the animals. Even if oceanic plastic is broken down into smaller pieces, it is still plastic. It will continue to resist decay and becomes much easier to be swallowed by aquatic organisms (close to 24,000 tons per year) offshore. Where does this plastic end up? Right where, it is on the entire surface of the earth.

An estimated 7 million tons of plastic end up in the oceans each year... the clean up process is minimal and mainly performed by small private organizations. Overall, plastic is not just bad news and floating trash, but it is a lead er of environmentally friendly movement. On a larger scale, the clean up process would also reduce the amount of carbon dioxide emitted when burning asphalt. The best part of the project is that they are taking trash out of the ocean to do it. It encourages citizens to reuse pla stic, and the awareness they show about ocean waste will educate citi zens as they continue the project. In developing countries, where manuf acturing is increasing, plastic bottles are being reused as an alternative to plastic trash, but in developing countries, where many will be replicated, improving technology

high efficiency in recycling, plans to remove plastic in the ocean and reuse it. While the clean up process would also reduce the amount of carbon dioxide emitted when burning asphalt, the best part of the project is that they are taking trash out of the ocean to do it. It encourages citizens to reuse plastic, and the awareness they show about ocean waste will educate citizens as they continue the project. In developing countries, where manufacturing is increasing, plastic bottles are being reused as an alternative to plastic trash, but in developing countries, where many will be replicated, improving technology

“An estimated 7 million tons of plastic end up in the oceans and seas each year... the clean up process is minimal and mainly performed by small private organizations.”
**Vegetables are a mainstay on most dinner plates, and for a good reason, consumption of vegetables is an important part of a healthy diet. There are tons of great ways to prepare vegetables: baking them, steaming them or even eating them raw (my personal favorite for most vegetables). As far as I'm concerned, there's one bad way to prepare them; boiling vegetables. It's quite common to boil vegetables, all you usually need is boiling water and a few minutes to have the item ready for serving. Yet I can’t help but hate almost every boiled form of a vegetable. If boiling a vegetable doesn’t outright ruin the taste of the side then it will be the worst way to prepare it. What makes most food great is its flavor and most vegetables have a great flavor. So, the last thing I want to do is to have the flavor be drained out with the water. When I eat a carrot, I want to taste the carrot, not the water the carrot was cooked in. There’s also no real way to season the vegetables during cooking if you’re boiling them, which means that either the vegetables will have no seasoning, or the seasoning will be added after cooking which will mean the seasoning enhances the vegetable to a far lesser degree. I can’t think of any vegetable where the best way to prepare it is by boiling. Even potatoes, which are so often boiled, are better baked or steamed instead. This is also true for peas, which I see mostly commonly boiled, but as far as I’m concerned are best steamed or straight eaten raw.

On top of tasting worse, boiling is also generally the least nutritious way to prepare vegetables. Many vegetables need to be cooked in some way to break down the cell wall, so nutrients can be reached. However, boiling will often wash away the water-soluble nutrients like vitamin C and B12 from the vegetable. Most other cooking methods won’t wash away water-soluble nutrients because the water doesn’t have direct contact with the inside of the vegetable. This means that boiling in general can be healthier than eating certain vegetables raw, but it will almost always be healthier to cook the food in a different way.

Boiling has been a common way to prepare vegetables for a long time because it’s just really easy to do. It’s not hard to bring a pan of water to a boil and it can be really difficult to overcook most vegetables in boiled water. It doesn’t help that a lot of vegetables now come in cans, which causes most people to decide to boil them. However, it’s also become easy to overcook vegetables in most other ways. For me personally I almost never eat boiled vegetables. In the worst case I’ll ask for them raw before having them boiled. I wish more people would come to the same conclusion, as boiled vegetables are really far too common at dinners. Vegetables treat our bodies well, so we should take the time to treat them well, and prepare them the right way.
Men’s Basketball

Caleigh Kintner
Sports Editor

Rose-Hulman Institute of Technology honored its four seniors prior to the final weekend home men’s basketball game, and one enjoyed a career high scoring day as the Engineers defeated Mount St. Joseph 85-78 on Saturday at Hulbert Arena.

Eli Combos picked Senior Day for a career high scoring perfor- mance, finishing with 17 points and three assists; and Saadamchiad also contributed to their final weekend home game. Czaarnecki had six points and five rebounds; Lake had five points and three assists; and Saadamchiad tallied five points and two assists.

The balanced performance featured 13 players reaching the scoring column for Rose-Hulman. Vuk Djatic tallied nine points and three rebounds; and Jacob Back and Terry Hicks had eight points each to help the offense.

Rose-Hulman jumped out early with a 26-6 lead after a layup by Djatic and a three pointer by McGee. The lead reached 20 points late in the half, after McGee scored on a layup to cross the 1,000 point mark in a career with 12 points to increase his total to 1,033 points.

On the men’s side, Wabash was second in the 200 and the 4x400 team of Peter- son, Clare Brauns, Lois Cheraham and Rogers recorded a time of 4:38.71 for the women’s runner up efforts. Dawson Allen was second in the 60 meter hurdles and Kyle Brownwell came home second in the high jump for the men.

Track & Field

Caleigh Kintner
Sports Editor

Rose-Hulman Institute of Technology won the women’s team title at the 2020 Engineer Track and Field Invitational, while the men had a strong second place performance on Friday night at the Sports and Recreation Center.

The women outdistanced a field of nine teams with 110 points. Kentucky Wesleyan finished second with 96, and Campbellsville was third with 60 points to lead the team scoring.

On the men’s side, Schom use was second in the 200 and the 4x400 team of Peter- son, Clare Brauns, Lois Cheraham and Rogers recorded a time of 4:38.71 for the women’s runner up efforts. Dawson Allen was second in the 60 meter hurdles and Kyle Brownwell came home second in the high jump for the men.

Both teams also had two runner-up performances on Friday night. Shobam was second in the 200 and the 4x400 team of Peter- son, Clare Brauns, Lois Cheraham and Rogers recorded a time of 4:38.71 for the women’s runner up efforts. Dawson Allen was second in the 60 meter hurdles and Kyle Brownwell came home second in the high jump for the men.

Both teams’ three women performers included Agustin in the 60 me- ters, Kaia Johnson in the 1000 me- ters; Sydney Lanson in the triple jump; Dana Smith in both the 400 meters and high jump; and Cassie Utley in the shot put. Both the men’s 4x200 and 4x400 relay teams were third; along with Zadlo in the pole vault.

Rose-Hulman returns to action with meets at DePauw next Saturday and Illinois Wesleyan next Saturday.

Women’s Basketball

Caleigh Kintner
Sports Editor

Before today’s contest, the Engineers took the time to recognize their senior Hannah Woody. Woody was accompanied by her family as she received her senior day poster and flowers from her teammates. She is an electrical engineering major from Cincinnati, Ohio and has enjoyed a very successful career with the En- gineers. She was part of the 2017-18 HCAC regular season and tournament championship teams, and has also appeared in two NCAA Division III Tournaments as a member of the women’s basketball program.

The Engineers finished the game with three players in double figures. Rose Barnham was the team’s leading scorer with 12 points, and also led the team with 11 rebounds. Woody and Nila Wil- son were able to total 11 points each in the contest. Nosa Igbochon and Jordan Badrow were also able to contribute offensively with nine points each.

The game proved to be a hand fought battle between the two teams. After multiple lead changes, the Lions would stand ahead after the first quarter with the score at 16-10 and hold a 32-26 at the half. Rose-Hulman looked to fight their way back into the contest coming out of the locker room. Kiah Jones would drain two three point shots back to back followed by another three pointer from Woody to bring the Engineers within four points with 5:12 re- maining in the third quarter.

The Mt. St. Joseph Lions would hold off the Engineers to pick up the win with a final of 77- 62. Maddie Haberthy had a game- high 10 points to help the Lions earn the victory.

Rose-Hulman will look ahead to host Anderson University on Wednesday, 2/15 at 7:30 pm. In the second half, Rose-Hulman built the lead as high as 18 points at 73-55 with 3:40 left after a three-point play by Combs. Mount St. Joseph reached single digits in the final seconds, but the Fightin’ Engi- neers held on for the win.

Rose-Hulman improved to 10-9 and 7-5 in HCAC play, while Mount St. Joseph dropped to 4-15 and 2-10 in league games. The Fightin’ Engineers travel to An- derson University in Heartland Colle- gate Athletic Conference action on Wednesday night.

Swimming & Diving

Caleigh Kintner
Sports Editor

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February 14: HCAC Championship
February 15: HCAC Championship

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TOP TEN
Alternative Mascots for Rose Hulman Institute of Technology

1. Bob the Builder
2. Rodney the Engineer
3. Pat the politically correct and ethnically ambiguous science person
4. Danny the dolphin that traverses land and also does engineering all in one
5. Robby Racoons
6. Safety Jim
7. Chauncey Rose riding Rosie the war elephant
8. The Greek Letter: π
9. Conan the Barbarian riding Chauncey Rose riding Rosie the war elephant
10. The Flying Spaghetti Monster

WACKY PROF QUOTES

“"As you know, Math Professors are the source of all evil in this world"”
- Dr. Christ

“Advil is the best painkiller, Oxycontin and all that crap...”
- Dr. Butske

“Don’t blame me! Blame God! Or whoever invented Physics.”
- Dr. Danesh

“So many people insist on talking to me when I’m in my office. So rude, right? Cuts into pretzel time.”
- Dr. Eicholz

“What does one Rose student say to another Rose student?" you for reading!

Heard ‘Round Campus
“Communism is a Hawaiian shirt made of ladybugs”
- Percopo 3 resident

Joke of the Week:
What does one Rose student say to another Rose student?

I wouldn’t know, I’m too busy planning crimes that would get me enough money to pay off my student loan debt.

Because this is the winter quarter and because winter quarter is difficult as poop, please enjoy this fabulous looking puppy

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**DISCLAIMER**: Anything that you see on this page, the Flipside, can be taken to be false information, with exception to the Wacky Prof and Heard ’Round Campus. Anything that is not attributed to a specific author can be assumed to be written by me, Matthew Supp. If you have any questions, comment, or content, do not hesitate to reach out to Matthew Supp, the Flipside Editor, at <suppmg@rose-hulman.edu>.