

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

The Rose Thorn Archive

Student Newspaper

Fall 10-28-2019

Volume 55, Issue 6 - Monday, October 28, 2019

Rose Thorn Staff

Rose-Hulman Institute of Technology, library@rose-hulman.edu

Follow this and additional works at: <https://scholar.rose-hulman.edu/rosethorn>

Recommended Citation

Rose Thorn Staff, "Volume 55, Issue 6 - Monday, October 28, 2019" (2019). *The Rose Thorn Archive*. 1224.
<https://scholar.rose-hulman.edu/rosethorn/1224>

THE MATERIAL POSTED ON THIS ROSE-HULMAN REPOSITORY IS TO BE USED FOR PRIVATE STUDY, SCHOLARSHIP, OR RESEARCH AND MAY NOT BE USED FOR ANY OTHER PURPOSE. SOME CONTENT IN THE MATERIAL POSTED ON THIS REPOSITORY MAY BE PROTECTED BY COPYRIGHT. ANYONE HAVING ACCESS TO THE MATERIAL SHOULD NOT REPRODUCE OR DISTRIBUTE BY ANY MEANS COPIES OF ANY OF THE MATERIAL OR USE THE MATERIAL FOR DIRECT OR INDIRECT COMMERCIAL ADVANTAGE WITHOUT DETERMINING THAT SUCH ACT OR ACTS WILL NOT INFRINGE THE COPYRIGHT RIGHTS OF ANY PERSON OR ENTITY. ANY REPRODUCTION OR DISTRIBUTION OF ANY MATERIAL POSTED ON THIS REPOSITORY IS AT THE SOLE RISK OF THE PARTY THAT DOES SO.

This Book is brought to you for free and open access by the Student Newspaper at Rose-Hulman Scholar. It has been accepted for inclusion in The Rose Thorn Archive by an authorized administrator of Rose-Hulman Scholar. For more information, please contact ligget@rose-hulman.edu.

Whiteboards v. Chalkboards

A Follow Up to Last Weeks "Dry-Erase Dilemma"

Aidan Moulder
Opinions Editor

In last week's issue, I published some thoughts from a Math Department professor regarding dry erase markers. Shortly after submitting that article to the page editor, I received more input from another professor, Dr. Butske. He expressed similar sentiments to Dr. Leader, and he made it very clear to me that he much prefers chalk over dry-erase markers, going so far as to say that the markers are a "terrible

scam."

Dr. Butske mentioned that the best markers last "at most two days before they are shot", and also that some brand new markers do not work, similar to what Dr. Leader told me last week. Dr. Butske also mentioned that he prefers Expo markers, especially with bullet points, over markers under the Integra brand, which he claims "last for at most fifteen minutes before the point breaks." Despite his preference for particular markers, he has found that the performance of even sup-

posedly good markers is still quite spotty.

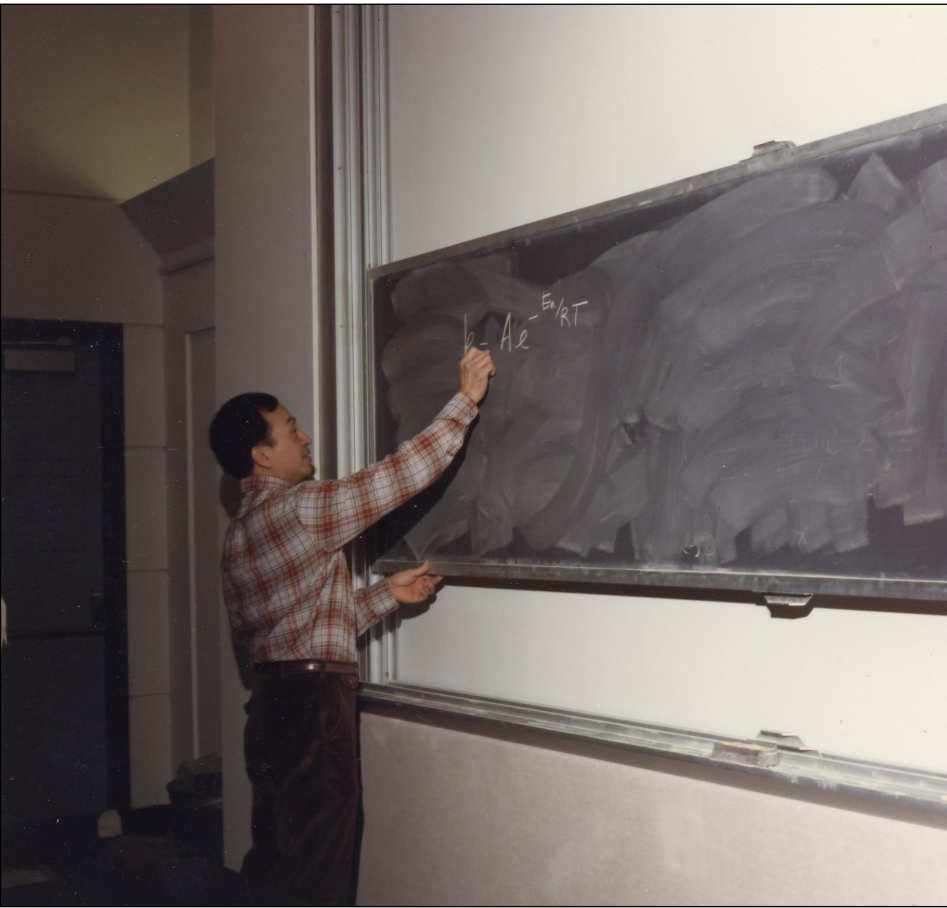
A great point that the professor had was the shelf life of chalk as compared to markers. There is no need to worry about chalk drying out, and a stick of chalk can be used almost completely before being thrown away, cutting down on the waste created by markers going bad. Dr. Butske stated that, if it were up to him, he would replace all the whiteboards with chalkboards, and host some sort of engineering contest to create a solution for recycling all the unused chalk. I did a little bit of research myself, and depending on what material the chalk is made out of, it can apparently be used to reduce the acidity of soil for agricultural purposes, and I'm sure that it could be used to create even more blackboard chalk. There are numerous options for chalk recycling that could be considered if Rose made the switch to good old calcium carbonate.

Out of curiosity, I conducted a quick search on Amazon, and I found that a 12-pack of plain white, Crayola brand chalk is \$2.49 regularly, while a 12-pack of fine point Expo brand dry-erase markers is \$15.99. For as long as these markers seem to last, that is a really steep price. Even if I look for colored chalk, the total price is still less than a

fifth of what I would pay for the equivalent amount of colored markers. Basically, without considering the cost of replacing whiteboards with chalkboards, switching to chalk would save the Institute a sizable amount of money.

"...he made it very clear... that markers are a 'terrible scam.'"

It is unfortunate that this is such a huge issue at this school, and even more so since it often disrupts the flow of classes and can be annoying for professors. However, despite the many advantages of chalk as compared to markers, the forward march of progress will more than likely lead to some sort of electronic solution which will solve all of the Math Department's dry-erase woes. Whether this will take the form of a smart projector or a high-tech "interactive whiteboard" from a tech giant like Samsung remains to be seen, but I am willing to say that dry-erase markers, as well as chalk, are not long for this world.



A Rose-Hulman classroom of the past utilizing a chalkboard
Image Courtesy of rose-hulman.mediahaven.com



- Page 3: **Legislating Tattoos**
- Page 4: **Dinoworld Review**
- Page 5: **Drinking Water**
- Page 6: **Kanye Succ**
- Page 7: **Sports!**

You decide what's newsworthy.
Tuesdays at 5:00pm in O259

Our Mission Statement:

We are Rose-Hulman's independent student newspaper. We keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information.

- Dalal Bima | *Editor-in-Chief*
- William Kemp | *Business Manager*
- William Kemp | *Rose News Editor*
- Dara Nafiu | *World News Editor*
- Jared Gibson | *Entertainment Editor*
- Colin Beach | *Lifestyle Editor*
- Aidan Moulder | *Opinions Editor*

- Caleigh Kintner | *Sports Editor*
- Rithvik Subramanya | *Flipside Editor*
- Andrew Henderson | *Staff Writer*
- Jonathan Kawauchi | *Staff Writer*
- Alyssa Russell | *Guest Writer*
- Dr. Thomas Adams | *Faculty Advisor*

ISSUES of The Rose Thorn are published on the second through ninth Mondays of each academic quarter

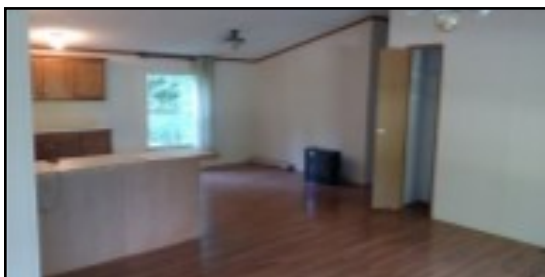
WEEKLY MEETINGS occur at 5:00 p.m. on the first through ninth Tuesdays of each academic quarter. All members of the Rose-Hulman community are welcome to attend.

SUBMISSION of articles, photographs, art, and letters to the editor is encouraged. Submission may be made by email to thorn@rose-hulman.edu or in person to Percopo room 031. The submission deadline is 5:00 p.m. Friday.

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.

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.

Classifieds



Contact Brett
Gibson Today!



Brett.j.bgibson.com
(812) 237-9123



FOR RENT: 4 Beds, 2.0 Baths / \$1,390

- 4.1 acres of land!
- 10 minutes from Rose
- Large Living Room
- Full Kitchen
- Master Spa/tub
- Internet Included
- DirectTV Included
- Lawn Care Included

THE ROSE THORN

PRESENTS

Calling All Writers!

Pick a category:

- Rose News (pg. 1)
- World News (pg. 3)
- Entertainment (pg. 4)
- Lifestyle (pg. 5)
- Opinions (pg. 6)
- Sports (pg. 7)
- Flipside (pg. 8)

Win a prize:

\$150

FIRST PLACE

\$100

SECOND PLACE

\$50

THIRD PLACE

To enter, submit your piece to thorn@rose-hulman.edu by 11:59pm on **December 9th!**

1. All applicants must be current **Rose-Hulman students**.
2. All submissions must be the applicant's original work.
3. The **category** and **title** of the work, as well as the **name** of the author, must be included at the top of the document and the email body.
4. If you would like to submit an anonymous piece, please state this in the body of your email.
5. The Rose Thorn reserves the right to publish any and all submissions in future issues.

The Pen is mightier than the sword

Tuesdays 5:00p O259.



Legislating Tattoos

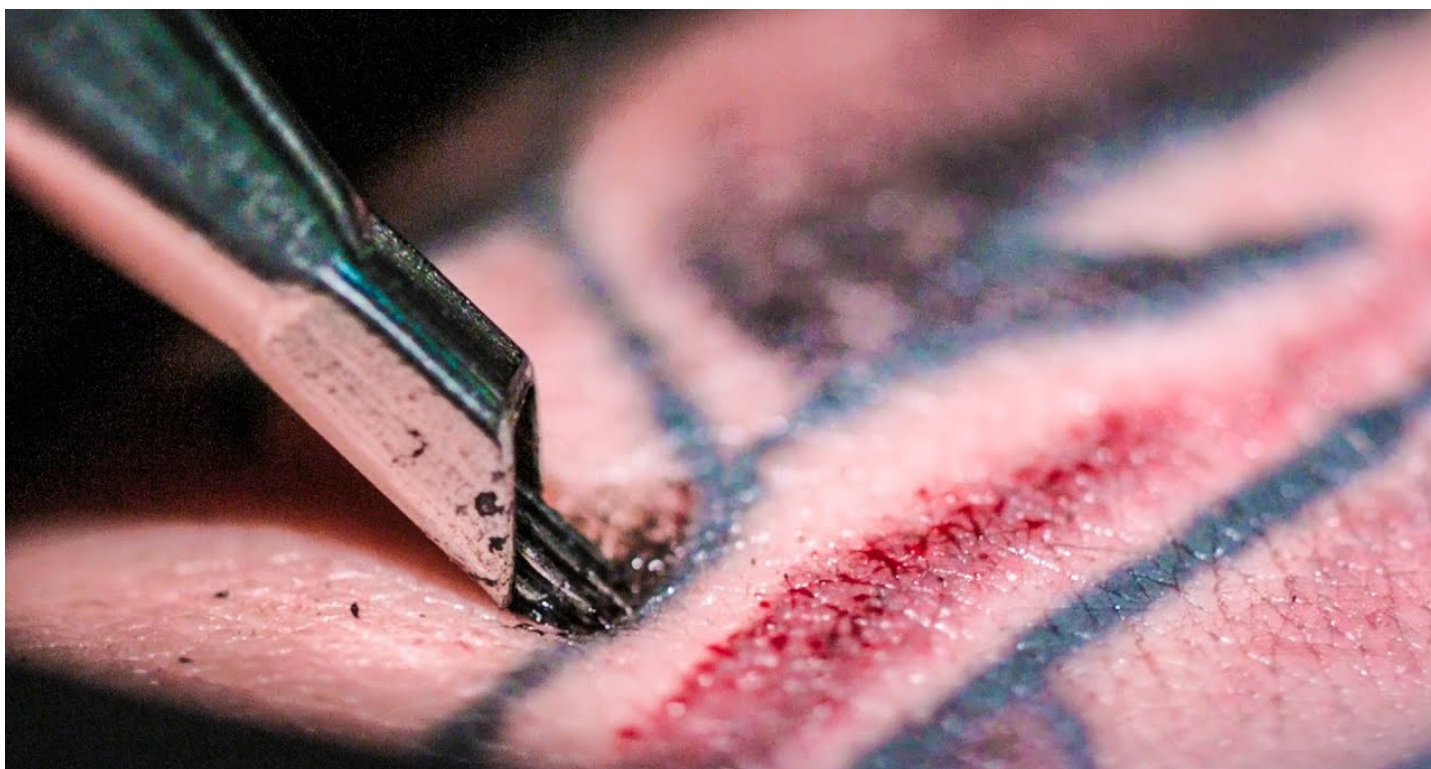
Harder Than You Think

Dara Nafiu
World News Editor

Tattooing is by no means a new practice. With mummified evidence of body art dating back as early as 3351 B.C.E., tattoos have been used as everything from tribal markers to religious rituals. German tattooist Martin Hildebrandt introduced America to tattoos by offering his services to U.S. soldiers in 1846. The practice became extremely popular within the military and eventually spread to the general public. Though tattoos were soon regarded as emblems of fashion and class, as with many popular crazes, public opinion eventually soured. By the mid-20th century, tattoos were painted into caricatures of rebellious youth and cartoon villains. Even today, social stigmas surrounding tattoos are just as ubiquitous as body art itself. As a result, these social considerations are a crucial part of any discussion of tattoo regulation.

What began as a thorn-and-mallette puncturing technique perfected by the early inhabitants of the Asian continent has become a precise subdermal procedure. After the tattooist has sufficiently cleansed the area of application, he or she uses a high-temperature tattoo pen to puncture the epidermis and inject ink into the dermal layer beneath. With time, the damaged epidermal tissue falls away while the ink remains trapped in the upper dermis. As the skin heals, the tattoo is overlaid by a transparent layer of new epidermal cells. It is important to note that if the pen is pushed too deep, it could breach the subcutaneous layer of the skin, inflicting pain and potential infection on the client. On the other hand, a shallow injection may only stain the epidermis, causing the tattoo to disappear quickly with shedded skin.

While many balk at a pro-



Tattoo application is an invasive and, without proper precautions, potentially dangerous procedure.

Image courtesy of SmarterEveryDay on YouTube

cess that can so easily go wrong, still others pose a particularly unsettling question: what is in the ink? In fact, recent studies on tattoo inks and their contents are beginning to raise important safety questions. Typical tattoo inks are suspensions of metal salts, alcohol, water, pigments. However, some tattoo inks have been found to include toxic heavy metals, as well as industrial-grade pigments used in printers and car paint. The Food and Drug Administration (FDA) (which regulates cosmetic products in addition to food, drugs, and medical devices) revealed in a 2017 editorial that it had received 363 adverse event reports related to tattoos since 2004. Many of these consumer reports described skin irritation, infection, and allergic reactions. FDA's Office of Cosmetics and Colors (OCC) advises that these reactions are often the result of both unhygienic conditions and contaminated ink. For this reason, the OCC also warns against the use of do-it-yourself tattoo

kits, since living environments are even harder to properly sanitize than tattoo parlors. This is particularly evident in prisons,

Bizarrely, some states prohibit minors from receiving tattoos unless they're married.

where inmates often share tattoo equipment, including ink and needles. A handful of studies, including a recent article in the *Harm Reduction Journal*, highlight this lack of tattoo sanitation as a leading cause of the prevalence of Hepatitis C in prison populations.

Further compounding these concerns, an FDA Safety Advisory issued this May warned that several widely-distributed tattoo

inks were found to be contaminated by microorganisms. The advisory identifies three ink retailers who voluntarily recalled their products after failed inspections: Scalp Aesthetics, Dynamic Color Inc., Color Art Inc. Consequent microbiological analysis found "6 tattoo inks contaminated with bacteria harmful to human health." The symptoms consumers reported were notably similar to those referenced above, including skin lesions and permanent scarring. It is interesting to note that the microbiological analysis used above is one of many novel techniques FDA is employing in an attempt to elucidate the effects of tattoos.

In their editorial, FDA states in no unclear terms that it "has not approved any pigments for injection into the skin for cosmetic purposes." So how are tattoos regulated? Currently, each state is tasked with legislating the body art practices of its residents. According to the National Conference of State Legislatures (NCSL), all states (with the exception of Nevada) restrict tattooing in some way. Indiana's state law, for example, requires that minors receiving tattoos provide written permission from the legal guardian accompanying them (§35-42-2-7). Other Indiana statutes range from basic (§16-19-3-4.1 outlines sanitation and permit requirements) to oddly targeted (Section 1. IC 25-1-19 specifically prohibits eye tattoos). Perhaps even more mystifying, some states (like Iowa) prohibit tattooing minors unless they are married, and still others mandate that all tattoo artists be licensed medical professionals. The seemingly random and haphazard nature of some of these statutes speaks to how difficult it is for legislators to stay ahead of an issue with only budding research.



Dynamic Color Co. is just one of three tattoo ink retailers whose products were found to be contaminated by harmful microorganisms.

Image courtesy of Hildebrandt Tattoo Supply

You decide what's newsworthy.

Tuesdays at 5:00pm in O259



Amazing Dinoworld

Two Part Series Over Recent Discoveries in Paleontology

A.J. Henderson
Guest Writer

Amazing Dinoworld is the newest documentary on the animals that lived during the Mesozoic Era. A two-part documentary co-produced by the online documentary service CuriosityStream and the Japanese broadcasting organization NHK, it became available on CuriosityStream only on October 17, 2019. The documentary is an overview of the many new and important discoveries about the animal life of the late cretaceous period, with a special importance put on new discoveries that upended the previous assumptions held around life for reptiles in the Mesozoic era.

While the show is called *Amazing Dinoworld*, it actually only focuses on dinosaurs for the first part called "The Feather Revolution." In this part the documentary takes the viewer on a journey through the life of two species of land dinosaurs, *Deinocoelurus* and *Troodon*. Both species are focused on because of their unique features and how heavily the evolution of feathers is believed to have impacted their behavior.

The other part of the documentary is called "The World of Sea Monsters," where the focus transitions to the ocean. Here, the species on which the documentary focuses is the marine reptile (not dinosaur) *Mosasaur*, showcasing how the species' traits that made it the king carnivore of the late cretaceous seas evolved and affected its behavior.

Unlike the first part of the documentary, no single trait of the *Mosasaur* is focused on, instead the species as a whole is observed. The documentary also takes us through the evolution of the *Mosasaur* and how the odd-for-the-time features of the creature led it to widespread success in the ancient oceans.

The *Amazing Dinoworld* is a well put together look at life in the Cretaceous era. The CGI creatures shown on screen are genuinely some of the most beautiful and realistically

rendered animals I have seen in a documentary yet. I especially enjoyed the attention given to the structure, color, and movement of feathers in the documentary. How the feathers would

move and react to the action happening on screen added a life-like element to the animals, causing the animals to look a lot like bigger flightless birds. The feathers design were often very distinct between species, which made it much easier to differentiate between some of the more similar looking dinosaurs. I would like to note, however, that at times the color of the plumage in the series seemed outlandish, especially with some of the earlier species in the documentary.



A two-part series on land dinosaurs and marine life of the cretaceous period of the Mesozoic era.

Image courtesy of next-episode.net

When watching the show, you can really feel how much our knowledge of dinosaurs and marine reptiles has been upended in the last decade. Even if you are someone who heavily keeps up on new discoveries in paleontology, some of the behaviors and traits shown

may still surprise you. However, like the feathers, at times some of the conclusions the documentary reaches seem unlikely, especially many of the traits attributed to the *Troodon* in the first part. Sometimes it really feels like the documentary is reaching for some of its more outlandish statements, especially during the first part.

Another positive aspect of the documentary is how well the stories around the species of focus were crafted. There are some great moments in the show where you really feel an emotional connection to the animals focused

on, and the documentary isn't afraid to show the brutal nature of the era. The storytelling is especially strong in the use of very beautiful music that the documentary often lays behind scenes.

However, there are two major issues in *Amazing Dinoworld*'s production, the bad sound design and stilted title screens for naming species. Often the volumes of different sections of the show would be very inconsistent. Sometimes the narrator's volume would be too low and you couldn't hear what he was saying over the music. Other times, the music volume was too low and you could barely hear the lyrics, even during times where there was no narration.

The scene transition was also very low quality. When watching the second part again with friends, I was told that the on-screen titles for dinosaurs looked like it was ripped from Microsoft PowerPoint, which is unfortunate when the rest of the documentary is high quality.

I give *Amazing Dinoworld* an 8.5/10, I've seen some better documentary on ancient animals before, but the show was still quite enjoyable. Each episode is 48 minutes long and does a very good job of keeping the viewers' attention throughout the whole experience. It may also be worth mentioning that since the show was co-produced by a Japanese broadcasting network, a lot of the paleontologist and real-life discussion happens in different parts of Asia. It's a refreshing view on paleontology, since for many years most of the English documentaries on prehistoric animals were focused on European or American researchers.



The Politician

An Ambitious, American Telenovela

Jonathan Kawauchi
Staff Writer

On September 27, 2019, the eight episode comedy-drama series *The Politician* premiered on Netflix. Helmed by creators of shows like *American Horror Story* and *Glee*, *The Politician* is a biting political satire that inspects the dirty dealings of running a political campaign through the lens of a high school presidential election.

The show primarily follows high school presidential candidate, Payton Hobart, as he pursues his dream of one day being elected President of the United States. In order to do that, he plans to become a government representative of California, which he plans to do after graduating from Harvard, which he believes requires him to be student body president of his high school, Saint Sebastian High School in Santa Barbara, California.

To describe Payton Hobart, played by Ben Platt, as brilliant would be just as much of an understatement as calling him affluent, considering that he is the adopted son of one of the richest men in the United States.

Alongside Payton is an equally driven but diverse cast of characters such as River Barkley, the ghost of Payton's former lover and political opponent, Astrid Sloan, Payton's current political rival and ex-girlfriend of River, and his eccentric yet wise philanthropic mother, played by Gwyneth Paltrow.

The show itself has a lot to give and tons to say, although subtlety isn't one of the shows strong suits. The main satirical punchline of the high stakes political drama framework being used on a high school election is already unique and funny on its own, but it still works separately and simultaneously as high school

drama and political drama due to the shows unique style of dialogue and characterization.

Reminiscent of the characters from a Wes Anderson film, every character wears their hearts on their sleeves. While some shows might attempt a more realistic style of dialogue, *The Politician* aims for clever one-liners, wise aphorisms, and impassioned speeches that



The Politician promotional, featuring Payton and Georgina Hobart

Image courtesy of Netflix

makes each character sound like they have a personal speech writer on retainer. It might be a bit jarring at first, but accepting the shows manner of speaking in combination with its absurd, soap opera levels of drama leads to some of the most emotionally gripping moments Netflix has to offer.

There are intense moments of pathos packed within each episode, moments of betrayal, frustration, vindication, and even laughter.

That last part, the laughter, is certainly the most unexpected, but pleasant surprise of the series for me. The show

has a strong, impactful first episode. On the first watch, it can be difficult to really grasp the tone of the show due to its quirky aesthetic, but accepting that it's okay that the show itself is simultaneously making fun of the absurdity of politics and adolescence while still presenting challenges and turmoil to the characters that are all too real and dire is key to getting the most out of the show.

Doing so allows for that needed levity that prevents the show from becoming too grim, similar to the much needed comedy in a Shakespearean tragedy.

The comparison to a Shakespearean tragedy really doesn't end there. The show does have its fair share of theatrical plot elements: bloodline rivalries, poisonings, guilt-driven ghostly visions and suicide attempts due to heartbreak. However, an undercurrent of optimism, the unbreakable conviction of our lead and a powerful trumpet motif that embodies the feeling of vindication causes

the show to lean towards a telenovela inspiration.

Latin and Asian telenovelas are popular serial formats that tend to be a fast-paced, concise style of melodrama that generally incorporate sociocultural messages and themes into their productions. That certainly does capture many aspects of *The Politician*, but it's still a uniquely American show, dealing with American high school life, politics, and class structure. This puts *The Politician* in an uncommon but interesting niche of being an American telenovela.

The show certainly isn't for everyone, after all, not everyone enjoys the suspension of disbelief required for the constant drama encounter in soap operas.

However, if you can turn off the logical side of your brain that might feel the need to nitpick and instead embrace the earnesty and pathos of the show, then you are gifted a gripping tale of a politically shrewd young man's journey against inequality and injustice while learning about the darkside of ambition. It will have twists. it will have turns.

Every character will dress like a Uniqlo model while speaking like they're in Shakespeare. Yet the show somehow works, and I am so glad it does. So far, Netflix has only released one of the two contracted seasons. If the show can manage to improve its quality during its second part, then I believe that it can be one of Netflix's best originals of the year.





I Started Drinking 1.5L of Water Every Morning

And You Should Too!

Lujain Fatta
Guest Writer

Think about what sleep is. Sleep is the action of no action and the enemy of hydration and nutrition. I mean, if you think about it, we are depriving ourselves of food and water for anywhere between 6-8 hours on average (or 0-3 hours if you're a hardworking Rose student). Waking up and going straight to the salt-full and sugar-full average breakfast is only going to make you more dehydrated. What's worse is going straight for coffee. Come on, what are you thinking? Coffee is a diuretic!

I started my routine just because I wanted to drink more water before I workout in the morning. I looked it up later, and ap-

parently it's a thing! They call it water therapy, and it supposedly makes you more energetic, improves your metabolism, and clears up your skin. I had been doing it for 2 weeks before actually looking it up, and I can say from experience that I have noticed that I do feel more energetic (I danced all day this past Wednesday to "Gettin' Jiggy Wit It" by Will Smith on repeat). I have also lost eight pounds in the past two weeks with the help of working out, and my face doesn't look like a warzone anymore (with the help of my all-natural skincare routine, too... *stay tuned for a piece on that later*).

However, you need to work your way up to 1.5 liters, not just jump up there. It took me a whole week to expand my stomach just to be able to handle that much water at one

go. And don't just chug the whole thing at once, drink it gulp by gulp while taking breaks in between to breathe. We don't want you to perforate your esophagus here. These are all great outcomes, but there is a catch. You need to make sure you're consuming enough sodium. If your sodium levels go down, you'll start feeling dizzy and/or nause-

"It makes you more energetic, improves your metabolism, and clears up your skin."

ous. If you are not sure if you have consumed enough sodium, just go into the bone and take a bite from any stew-like substance they're serving that day. A good idea would be to add electrolytes supplements to your water, especially if you work out. And don't forget, drinking 1.5 liters of water in the morning doesn't mean you should stop drinking water throughout the day. I try to drink over five liters every day! Find how much you can handle, and you'll quickly feel so much better.

Disclaimer: You will take the smoothest morning poops if you start doing this!



What you'll look like drinking that much water. Image courtesy of RoamingAroundTheWorld.com

It's Tailgate Time!

Two Delicious Dips to Feed a Crowd

Colin Beach
Lifestyle Editor

Buffalo Chicken Dip

- Ingredients**
- 16oz (two 8oz packages) softened cream cheese
 - 1 cup ranch dressing
 - ¾ cup Frank's Red Hot sauce
 - 1 lb of shredded cooked chicken breast
 - Shredded cheddar cheese (optional)

- Instructions**
1. Preheat oven to 350°F.

2. Spray a 9"x13" glass baking pan with non-stick cooking spray.
3. Combine the softened cream cheese, ranch dressing, hot sauce, and shredded chicken into a bowl. Mix thoroughly until incorporated and cream cheese is no longer in large clumps.
4. Spread the mixture evenly in the glass pan and bake uncovered in the oven for 20 minutes.
5. Remove pan and top with shredded cheddar cheese (how much is up to you).
6. Bake for an additional 15 minutes or until dip begins to bubble.

[Best served with Fritos Scoops]



Image courtesy of CookingChannelTV.com

Velveeta Sausage Dip

- Ingredients**
- 1 lb of hot sausage, ground
 - 1 lb of mild sausage, ground
 - 2 lbs of Velveeta cheese
 - 1 12oz can of evaporated milk
 - 1 cup mild chunky salsa

- Instructions**
1. Place a slow cooker liner inside a Crock-Pot.
 2. Brown both types of sausage thoroughly in one pan.

3. Place cooked sausage on a large plate and degrease by patting it down with paper towels.
4. Cut the Velveeta into small cubes.
5. Place all ingredients in the Crock-Pot and set it to low heat.
6. Stir every 15 minutes, serving once all Velveeta is melted and dip is incorporated.

[Best served with Tostitos Scoops]



Image courtesy of JuliesEatsandTreats.com



We're All In This Together

Why *High School Musical* is more important than you thought

Caleigh Kintner
Sports Editor

If you were born around the turn of the century, you have to have watched *High School Musical* at least once. If you haven't, I beg you to stop and go watch it, you'll have the time of your life. But a lot of people do not like *High School Musical* because of its songs, characters, storyline, the fact that it's a Disney channel film or that they will seem "not cool" if they admit to liking it. But I beg to differ. *High School Musical* is a trilogy that deserves to be put on a cinematic pedestal.

Most importantly, Troy Bolton! The heartthrob of all teenage girls. The man we all wished we had met in high school.

Secondly, the songs are a huge part of the show as a story and teach life lessons. For example, in the song "Stick to the Status Quo" we hear Zeke, Martha and "Skater Dude" talk about things they enjoy that are not "normal" and could possibly hurt their reputation. This song is not only amazing because of the choreography, portrayal of actual things that happen in schools (minus the dancing) and great songs, it adds to the feeling of "why can't I do this and that?". A lot of the students are afraid to break out of



A young Zac Efron posing as Troy Bolton
Image courtesy of dsney.fandom.com

their shells because they fear what other kids will think.

Next, Troy and Gabrielle are the ultimate relationship goals. Every time I watch the scene where Troy steps out from behind the janitor cart in the back of the auditorium to audition with Gabriella my heart grows. Also, the way their relationship grows throughout the movie, and even flourished in real life for a little while was great.

Gabriella was a great female role model for children. She showed that it was cool to like science (like Rose-Hulman students!), but that you can also do a variety of activities throughout your high school career. She literally wore a lab coat from the decathlon to sing Breaking Free and looked wonderful. She was the moral compass of the movie and always stood up for what she believed in. We need more Gabriella Montez in real life.

High School Musical taught us many lessons, with the most important being that we are all in this together. This movie will always hold a special place in my heart because once you are a Wildcat, you are always a Wildcat!

High School Musical, without a doubt, is the greatest movie of our generation.

Jesus is King

A Missed Opportunity

Dalal Bima
Editor-in-Chief

On October 25, 2019 Kanye West dropped his new album, *Jesus is King*, which is a gospel that follows Kanye's attempt at writing/producing religious music. Personally, I

"First, and do please come at me, Kanye West in general is an overrated artist, but I do find some of his songs to be interesting and different from the mainstream."

different from the mainstream. For instance, I think "Ultralight Beam" is one of his greatest works, you should definitely give it a listen if you haven't, and it was a Christian themed song where Kanye shares his relationship with his god and how great he feels about his faith. Nevertheless, his attempt in *Jesus is King* just does not come through with the same powerful connection energy. For instance, this is a line from "Closed on Sunday": "Closed on Sunday, you my Chick-fil-a \

You're my number one, with the lemonade". I do not know if it was just me, but the album felt like there was some potential that was never reached.

"Closed on Sunday, you my Chick-fil-a \ You're my number one, with the lemonade"

find it quite interesting to see such an influential figure produce Christian music, especially in such times where many younger generations are diverging from religious beliefs. However, the album sucked. First, and do please come at me, Kanye West in general is an overrated artist, but I do find some of his songs to be interesting and

Sorry, Swimming

A Response to Controversy

Anonymous
Guest Writer

I apologize for any anger or disappointment I have caused within the Athletic Department. However, I do not retract any of my previous statements. I would also like to clarify my opinion and make sure my words do

"I apologize for any anger or disappointment I have caused within the Athletic Department."

not get misconstrued. I have the utmost respect for the team, the coaching staff, and the Athletic Department. I am continuously proud of what we accomplish. I am simply commenting on the overall state of the program as I see it. As I said before, things have been improving

enough to scare anyone. Yes, there are times where we can put in more effort, not just go through the motions, and not give up when it gets rough. But when issues that are beyond your reach persist, you begin to wonder, Is there something else going

on?

There are speakers and there are writers - I am a writer. And though I have expressed my opinion this way, it is for more than myself. There are others (some here long before I was) who share my concerns and may not wish to stand up alone; I

"There are others (some here long before I was) who share my concerns and may not wish to stand up alone; I write for them."

this past year, but I still choose to express the concerns for my team so maybe it can continue improving. The recent number of injuries are the likes of which I have never seen, and it is

write for them. I am surprised by the response my article has generated, but I am also hopeful to see the good change that will come from it. I mean no harm, only help.



Rose-Hulman Football

Defeating the Undefeated

Caleigh Kintner

Sports Editor

Rose-Hulman Institute Technology football brought a lot of effort to knock off previously undefeated Mount St. Joseph on a rainy and windy Saturday afternoon at home. The final score was 29-8. Noah Thomas had a team-high 193 all-purpose yards and eight receptions for 123 yards to lead the Rose-Hulman defense. For the third straight week Garrett Wight crossed the 100-yard rushing mark with 113 yards and one score. Andrew Dion completed the game with 13-23 through the air for 210 yards and two touchdowns. Jake Zimmerman added two receptions for 65 yards, including a 48-yard catch to score in the second quarter.



Photo by Rose-Hulman Athletics

The Fighting Engineer defense held one of the nation's most accomplished teams to just one touchdown. The defense held the Mount St. Joseph to 212 total yards, forced two turnovers, and collected six sacks on the day.

Michael Stevens helped the defense with ten tackles, one sack, and one interception. Andrew Hesse has eight tackles, and Alex Perez contributed nine stops. Zach Phillips and Chaikou Sow both added six tackles each.

Rose-Hulman took the lead 16-0 in the first quarter. Dion passed to Thomas on a 47-yard touchdown to complete a three-play, a 70-yard drive in just 50 seconds on their first possession. Brett Tuttle added three points to the scoreboard in the first quarter with a 25-yard field goal. The Rose-Hulman team answered with touchdowns on their next two possessions to be leading by 21 points at the end of the first half. Neither team scored again the second half.

Rose-Hulman improved to 5-2 overall and 4-1 in HCAC play. To secure the league title the Rose-Hulman football team will need to win their next two home games against Defiance and Hanover.

Volleyball

Cancer Research Day



Photo by Rose-Hulman Athletics

Women's Soccer

Caleigh Kintner

Sports Editor

Rose-Hulman Institute of Technology women's soccer team earns a rain day key 5-0 victory over Manchester University. The match was moved to Indiana State Universities turf field to accommodate the rain.

Two of the three first half goals were scored by Jessica Wells. Elle Vuotto helped support the team by scoring once in the first half. During the second half the game, Lane Lawrence and Lily Bailey each scored a goal.

Rose-Hulman remains alone in the first place in the HCAC standing with 11-4-1 and a 6-0-1 for the league record. The Engineers travel to Anderson for a big HCAC matchup on Wednesday night.



Photo by Rose-Hulman Athletics

Caleigh Kintner

Sports Editor

Rose-Hulman Institute of Technology moved into second place in the Heartland Collegiate Athletic Conference volleyball standings with a 25-21, 25-23, 25-13 win over Hanover College on Saturday at Hulbert Arena.

Rose-Hulman also hosted its second annual Cancer Research Game for the Duncan Cancer Center at the Baylor College of Medicine. Those with friends, relatives and family members affected by cancer were honored in a pregame ceremony.

On the court, the Fightin' Engineers relied on 11 kills from Elizabeth Canon and nine from Riley Woodruff to pace the offensive attack. Katie Orbeta had a team-high 28 assists, and Katryna Dahlberg led the squad with 18 digs. Maria Bruner led the blocking effort with five block assists, and Eryn Castaneda added four block assists. Orbeta also had a team-high three service aces.

Rose-Hulman improved to 13-14 overall and 5-2 in HCAC play with the victory, while Hanover dropped to 15-10 and 4-2 in league games. The Fightin' Engineers travel to Earlham on Wednesday.

Football

Men & Women's Soccer

Volleyball

Cross Country

October 26: vs. Mt. St. Joseph

November 2: vs. Defiance

November 9: vs. Hanover (Senior Day)

November 16: @ Saint John's

October 23: vs. Franklin (W)(M)

October 26: vs. Manchester (W)(M)

October 30: @ Anderson (W)(M)

November 2: vs. Transylvania (W)(M)

October 23: @ Mt. St. Joseph

October 26: vs. Hanover

October 30: @ Earlham

November 2: vs. Bluffton

November 3: LaVern Gibson Course (Terre Haute)

November 16: @ Calvin College



WACKY PROF QUOTES

"I slept very well last night." **maniacal laughter**

-Dr. Kurt Bryan

"What do you think about Germans, by and large they drink beer and run around in lederhosen and eat sauerkraut?"

-Dr. Michael Wollowski

"I could juggle chainsaws in second period and some people would still fall asleep."

-Dr. Tom James

"Don't blame me! Blame God! Or whoever invented Physics!... Don't quote me on that."

-Dr. Amir Danesh

"Some exams are worth cheating. Do not quote me!"

-Dr. Amir Danesh

"The angry pixies of the internet didn't want you doing those problems."

-Dr. Robert Bunch

Professor: "Are you going to the party for Dr-"

Dr. Amir Danesh: "Absolutely not."

Did your prof say something hilarious or just great out of context? Did you hear something amusing on your jaunt about the fine halls of this institution? We want to hear about it! Send your quotes with who said it to thorn-flipside@rose-hulman.edu or fill out this nifty google form: <https://goo.gl/forms/bB339sx6GHohggYt1>

Halloween: More like Satan-Worship-ween

Halloween, coming up this week, is a national holiday in the United States. Americans spent about \$9 billion on Halloween in 2018, and it's only expected to get more celebrated this year. But is Halloween really a "holiday?"

The word "holiday" means "holy day." However, Halloween is anything but holy. Halloween comes from the root word "hallow," meaning, "holy, consecrated, and set apart for service." But whose service is it set apart for? The answer is clear - Lucifer's!

During Halloween, demons are assigned to those who participate in the rituals and festivities. These demons are drawn to the pagans who open their doors, and hearts, to the devils. For example, most candy sold during the Halloween season have been dedicated and prayed over by Satantic followers and witches.

Another Satanic rituals that we have all fallen into are bonfires. Gathering around bonfires is a common practice in pagan worship. Unfortunately, many places have scheduled their bonfires in the fall, when demons abound and Satan is everywhere. Attending a bonfire in the fall opens your heart and the fate of your eternal soul to Satan.

Decorating buildings with Halloween scenes, dressing up in demonic costumes, going door to door begging for candy, and standing around bonfires are all acts that demons, servants of Satan have long participated in, and have duped the American people with, through rampant consumerism, advocated for by the servants of Satan.

These occult and demonic activities are only the commonly seen activities. Meanwhile, witches and those who consort with demons do many more dangerous activities elsewhere, hidden from the public eye. These activities include:

- Sex with demons
- Orgies with demons
- Animal and human sacrifices to demons
- Sacrificing babies to demons to shed innocent blood
- Conjuring demons
- Casting spells
- Release of curses against the innocent and ignorant

Be sure to be on the lookout for servants of Satan. Do not participate in the Pagan rituals. Do not let Satan into your life, and control over your soul.

TOP TEN Things to Reply All

1. Add me on Twitch
2. The entire Bee movie script... Twice
3. Your Venmo account
4. Shitty ass 2011 memes
5. Your will
6. "Please remove me from this bounce." - as if the email gods will remove you themselves
7. The entire U.S. Constitution
8. "Hey, wanna hang out?"
9. A Go-fund me account
10. "Okay."
11. "End my suffering."
12. "What's for dinner?"
13. Send a link to an art article
14. "What time is the meeting?"
15. "Man this makes the tuition so worth it."
16. "Hey Nikhil, how's coop?"
17. "How do I unsubscribe?"
18. "Can civils join?"
19. "THIS IS BRAVE"
20. Your hopes and dreams
21. "What's a Google?"
22. "Can you guys stop??"
23. Reply "Stop replying all" to demonstrate your (mis) understanding of irony
24. "Hey, you guys should go to the Thorn meeting at 5pm on Tuesday"
25. "I am sorry, I just wanted to when the actual meeting was."

Heard 'Round Campus:

"So you know how you can high hive someone really hard and it isn't considered assault? How come I can't do that to someone's face?"

Interesting Title

Hugh J. Peen

The one thing I dislike the most is the first letter of the English lexicon. I only feel contempt for this stupid thing. Why does everyone think they need to use it. My sentence count is growing, yet I refuse to use the letter. If this deed seemed to me to be too difficult, then you wouldn't see me rising to it, recognizing it, destroying it. Words continue to not be enough to justify the proportion of which I despise the thing. I refuse to uphold the presumption of its influence.

For some, it is too difficult to discern the futile use of such letters. Why, oh why must I comply with society's conventions? I do not see the purpose of it. Is it too much to question the success of the world if we didn't use the first letter of our terminology? I simply do not follow. I wish for my peers, old together with young, to rise to the level of intellect of myself. While once just known for being routine, I consider myself now to be of utmost intelligence, without worries or concerns.

I thought of this test in the method of determining my limit. Will I succeed, or will my soul be crushed to nothingness in the experiment to rid us of the vile letter. I whimper, for I do not know. I sit here in my bed, thinking to myself. If our minds, our very being, is simple to derive into molecules, how do we survive, knowing our control over our minds is limited. Will we rise to it, instilling into our children the mindset of not using the stupid first letter, or will we hit blunders, perishing like dogs? Only time will tell.