The first human trial in Eu-

ope for a coronavirus vaccine has begun. A potential vaccine for COVID-19 was revealed to the public during a press conference on April 21st. In Oxford, more than 800 peo-
ple were recruited for the study, where half will receive the COVID 19 vaccine and the other half will re-
ceive a control vaccine that protects against meningitis. Trials began on April 23rd.

The vaccine was developed by a team at Oxford University led by Sarah Gilbert, professor of vacci-
nology. In under three months, the team developed a vaccine and are

helping it is the misleading of horrible live animal markets as wet markets, where many wet markets have stopped selling and slaughtering live animals for consumption.

Number 1: Myth 5G towers spread COVID 19 Fact: No. 5G towers spread 5G Strength Signal across the air faster rates than current towers, that is all.

Number 2: M: The coronavirus was created in a lab, we do know that it was con-
tracted from an animal, and it almost certainly originated from bats of some type. It may have come either from bats ready to be sold for meat or local bats that typically live in the area.

Number 3: F: The coronavirus came from a live animal market, in Wuhan, China. F: The novel coronavirus was most likely sourced from a live animal mar-
ket in Wuhan, Hubei Province, China, but the current patient zero claims to have had no connection to this mar-
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Number 6: M: The novel coronavirus spread from bats to a single man who was attend-
ing or working at a Live Animal Mar-
ket in Wuhan. F: We do not know how the virus spread from bats to humans. There are caves around the city where locals and animals normally hide from rain, and these caves almost always contain many bats and their feces, which could have transmitted the disease directly from bats to humans. Alternatively, it may have been passed through the air and into the respirato-
ry system of another animal.

Number 7: M: White countries are the only coun-
tries getting the virus, and it’s a so-
cialis plot to take power away from the people by restricting movement. F: The novel coronavirus exists, it causes a sickness, known as SARS-
cov-2, and it does not primarily affect ‘white’ countries. The US, arguably, is not really a white country and was founded on a general faith in polycul-
turalism among the founding fathers. African countries have not gotten massive virus outbreaks for the same reason. Terre Haute hasn’t had one.

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Number 9: M: I’m young, it can’t affect me. F: COVID-19 is deadlier than the flu, so it is more contagious than the flu, and it has truly virginal bodies to infect, unlike the flu. The novel coronavirus is very different in many matters. With the novel coronavirus, deaths are counted only for those who have tested positive or have almost certain-
ly died of the virus. This leads to hor-
or stories where hospitals count can-
er deaths for tax dollars, and maybe that’s happening, there’s no way to disprove that, however, it is more likely that people are dying and they are not marked as coronavirus deaths. The flu is measured using a mathematical model that accounts for underreporting. This means the flu
death measurement is essentially bumped up by a factor of four or so.

The CDC, counted and tested and/or probable deaths from the flu for the 2018-2019 season was only numbered at 7,172 which was estimat-
ed to actually be a range of 26,339-
25,684 actual deaths from influenza that season. Comparing the SARS-cov-2 observed death count to the influenza observed death count, we can estimate that the 2018-2020 observed flu deaths are under 10,000, whereas the confirmed novel coronavirus deaths currently stand at a bit under 72,000. If we use the same multiplication factors we use to count influenza deaths, we will die a death toll of anywhere from 280,000 -582,000.

Number 10: M: There will be a vaccine. F: It will not disappear even after the current epidemic wave. Should the vaccine prove viable, the UK will not receive prefer-
cial treatment. Under a deal with WHO, the UK and 20 other coun-
tries have agreed to share research and results.

The researchers are prioritiz-
ing local healthcare workers as tar-
gets for the trials, since they will be exposed more than the average citi-
izen. A larger trial of 5,000 volunteers is planned to be conducted in the coming months with no age limit.

Please stay safe.

UK Becomes the First Country to Test a Vaccine for COVID-19

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Please stay safe.
Drugs for Life Review

How Pharmaceuticals Rewrote Prescriptions and Health Altogether

Colin Beach
Rose News Editor

This quarter, I chose to take the course Medical Anthropology. My career plans include biomedical research, so I figured this class would help me better understand the healthcare industry and its relation to my (eventual) work. In my experience, patient perspective and personal health are very important in effective care. One of the books we have read so far, Joseph Dumit’s Drugs for Life, touched on the same subject. Drugs for Life tells of Dumit’s lengthy research on pharmaceutical companies and their effects – medical and social – on public health. He analyzes (and partially critiques) numerous aspects of the drug industry, especially marketing, and shows how it has rewritten the way the world thinks of illness.

Dumit’s main observation is the shift in healthcare and medical focus from individual patients to mass health. Such mass health and so-called “medical gaze” are especially prominent in drug companies, where the market grows at least 5% every year and is currently worth almost one trillion dollars. Manufacturing of medicine continues to expand because of pharmaceuticals’ continual pursuit of greater market hold. As Dumit explains, companies are trapped by the expectations of good business and profit, but nonetheless favor population prescription over personal health. Take a look at health facilities and you can see optimized patient care. But, take a closer look, and you will often also see a favoring of data over lifestyle. Just imagine how many TV commercials you know that advertise for a “beneficial and revolutionary drug for someone like you.” It all seems normal, but the goal of the ads is to reach a calculated number of people. Research in medicine develops products with minimal health improvements and maximum consumer influence, touting science as the only recovery and appealing to marketed numbers of patients. In everyday doctor’s offices, professionals take tests, compare numbers, and make conclusions based on past results and population statistics. Lifestyle is lost in translation.

Clinical trials (usually performed by pharmaceuticals, not governments) define these regulations and what is considered “at risk.” For example, millions of Americans are considered having high cholesterol and at risk for conditions like heart disease, making statistics one of the most prescribed medications (used by over 25% of U.S. adults). The guidelines for cholesterol, among others, have changed numerous times to encompass more people while advertised as “keeping them safe.” Companies have slowly molded the culture of health to fit their model, investing in this modern state of “optimization.” In reality, more prescriptions equal more profit. Over decades, this development of clinical trials built a platform of controlled knowledge, and eventually numerous drug companies were able to shift public views of care from inherent health to inherent illness. More and more people appear to be at risk for something, and as a result, are expected to need medication. Such risk is said to continue forever, so prescriptions are often endless (stopping may even result in withdrawal-like symptoms). Marketing also added the bonus of seeming beneficial (minimizing focus of side effects), prompting people to ask for drugs, not just doctors telling them. Altogether, mass health became a model for business, not betterment. These warnings of perpetual risk for disease earlier and more often in life has clearly changed the way we view health, for good and bad. After all, who doesn’t like staying as healthy as possible? However, students) spending time out-doors, hanging out by Speed Lake between classes, and campus at it’s most active in gen-
eral. Not to fear though, as of May 7th, 2020, Rose will be resuming operations while still maintaining some healthy social distancing.

One of the ways Eric Libois and all of Res Life would like to connect with the incoming class is by hiding clues in puzzle hunts such as the one on the left. There will be more to come, so stay updated with the Thorn and Res Life!
The Rose Thorn Staff

Whether we like it or not, COVID-19 has affected all of our lives. Countless people have switched to remote work, and unemployment stats have skyrocketed. The Rose Thorn Staff have anonymously shared some perspectives on the situation.

One member said, “The current situation has drastically changed my daily routine. I no longer have anyone holding me accountable for “going” to class, because none of my classes are held synchronously. One thing that helps me the most is continuing my class schedule as I would have on campus throughout my day. I don’t try to sit down all at once and do everything, because that’s how I would have originally accomplished it.”

“I also now have free time!” said another. “Everything good and bad about home learning.”

As you read above, many of the Thorn’s staff members are adapting fairly well to their new circumstances. When I was still at school, it was easier for me to maintain my concentration on individual things because I had a nice, orderly place to organize my day for learning and leisure. Now that I’m home, my brain keeps telling me that it may as well be the summertime, and I shouldn’t be doing classwork; I should be playing videogames, binge-watching shows on Netflix. Parts of my personal life are bleeding far too much into my educational life. At home, I have to do occasional chores, constantly get up to let impatient cats out of the room when people let them in, and it usually seems like I’m not allowed to run on my schedule. I have a test to study for, and can I really do that this evening? Sure, let’s go drive to a park and take a walk and use all this time that could have been used for studying or taking notes for a lecture.”

Physically, things are both good and bad. If I remember correctly, I wrote a few articles about my experiences with a new fitness routine sometime during the Winter Quarter, but now that I can’t go to the gym, I’ve put on quite a bit of weight. Now that I think about it, I’ve barely left my house at all. The furthest away I’ve been is my brother’s house when I visited my niece.

“I am thankful for our current situation for one reason, and one reason only: the cancellation in person classes and the mass exodus of students from Rose-Hulman’s campus solved a very bleak, that things will work out all work across the day. I am not sure if I have the same amount of homework or more, but it is hard to judge it all without a normal school day. As a result, I have to keep a daily calendar to keep track of my work (though it actually works for me and I may continue it in the future). My brother is home from college as well, so it is easy to see differences between schools’ plans. His are much more focused on normal class time, in person video meetings, while my lectures are all pre-recorded. However, my professors do have open hours to video call that I enjoy, I just wish I could find the time for some of them. Missing the personal connection is hard, especially with something like Rose.”

However your life may have changed in the face of this coronavirus, we hope that our experiences are comforting, maybe relatable, and that even if your situation seems bleak, that things will work out in the end for you and your classmates.

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Aidan’s Angry Rant: Home Office Edition

Aidan Moulder
Opinions Editor

I am thankful for our current situation for one reason, and one reason only: the cancellation in person classes and the mass exodus of students from Rose-Hulman’s campus solved a very difficult situation between me and my roommate. Other than that, nothing good has come out of COVID-19 for me.

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Opinions

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Rose Students vs. COVID-19

How COVID-19 has changed the lives of Rose Students

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**WACKY PROF QUOTES**

“First we will convert it, \[(1 - \sqrt{3})^6\], to polar form. I really hope no one tried to FOIL this. It might take you about a year”
- Dr. Igor Minevich

“Avoid the Devil...if you can”
- Dr. Chapman

During a chem lecture: “You mix them all together, let them have a party until they all die”
- Dr. Mueller

“Fill out the course evals. I take these very seriously, let them have a party until they all die”

Regarding Anne Boleyn: “Her lack of producing a son contributed to her lack of a head”
- Dr. Hill

“This is what happened when you get old, you dry out. Not me. Like Grieg.”
- Dr. Herniter

“It’s like Crayola, at some point they have to be held back. Not me. Like Grigg.”

**INTERGALACTIC AID: A Call for Help to the Darkest Depths of Space**

Jorge L. Vucas

Ever since COVID-19 became known as a pandemic, governments around the world have frantically looked for a way to prevent their citizens from being infected. At first, the best methods for infection prevention was to stay at home and stay away from other people. Regardless of the distance between you and your friend, epidemiologists warned that the coronavirus could travel through the air. Because of this, world governments told their people to stay home until we knew more about the disease.

It came as quite a surprise when some citizens disregarded this warning and went about their business as usual. Of course, this led to more and more people getting sick, and more and more people dying. To keep the general public at bay, restrictions and recommendations then changed to what is called ‘social distancing’, in which you can be no less than 6 feet away from another person when in public.

It came as even more of a surprise when many people decided not to follow those recommendations either, essentially saying that their haircuts and pedicures were more important than the lives of others. After much backlash and protest, the United States government caved, opening much of the country back up. Again, this led to more and more people getting sick, and more and more people dying.

Dr. Anthony Fauci, one of the leaders of the US Coronavirus Task Force, said recently that “in order to make the people and my boss happy, we currently are looking into different solutions to this virus, both here and abroad.”

**TOP TEN Things to do in Your Mansion During the Pandemic**

1. Kill the minotaur in your labyrinth
2. Cry in your infinity pool so no one see your tears
3. Breakdown while you dine on a 3 star Michelin Dinner
4. Go on a quest to the west wing
5. Tweet to your millions of followers about how lonely you are
6. Host your talk show in your kitchen while the help stays outside so they don’t get in the shot
7. Attempt to skydive into one of your three pools with the family helicopter
8. Sleep
9. Eat
10. Repeat
11. Interview other people in other mansions
12. File for unemployment
13. Get a bulletproof boob implant from your personal hospital
14. Test out your bulletproof boob implant with your personal gun range
15. Go to your personal hospital to treat the gunshot wound
16. Drive around in your tank in your nuke garden singing Fireworks by Katy Perry
17. Finally check out what your 23 guest bedrooms look like
18. Take the family jet to your newly purchased private island to ride out the pandemic
19. Purposefully don’t do makeup before posting on social media to appeal to the general public

**Joke of the Week:**

What has two arms and two legs, yet no brain?

Donald Trump

After a recommendation from President Trump, Dr. Fauci called someone from a galaxy far, far away. Darth Vader is not the first person that comes to mind when you think of pandemic response expert, but at this point, what the hell.

Elen Musk has vowed that his companies Tesla and SpaceX have changed their focus away from cars and rockets and towards making portable ventilators. “Darth is a great guy and we will be working with him to make ventilators that can be worn on the face in a similar fashion to his classic helmet”.

It is yet to be seen whether or not we can fully trust Darth Vader, but things are looking up. He assured the US President that he has no intentions of killing anyone yet, so for the time being, it seems like we have no choice but to play along. For more information, please check the sacred texts.

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