

SCIENTOIFIC AMERICAN



Miracle cure for liver damage!

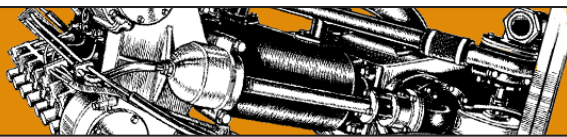
The Engineers Of Tomorrow:

How they're going to ruin everything

Schrödinger's Pizza Pop?

Is it cold or is it hot?

EDITORIAL



Hello, fellow scientists!

October is officially upon us. Yes, dear friends, the chilly, sneaking tendrils of fall have wrapped us in their cozy embrace as stores and Starbucks flood with Halloween-y goods and pumpkin spice everything. And of course, we can't forget the delightful science of the season: the entropic waltz of chemicals that turns green leaves into lifeless rake fodder, the Sun and Earth's celestial clockwork reminding us that we're all utterly insignificant, not to mention hibernation, a beautiful example of instinct and self-preservation in students.

Fall is not only a good time to observe everyday phenomena, but relish in the advances of more esoteric branches of science. For instance, quantum computing seems to be getting closer and closer to a breakthrough. One day, you

could be both watching and not watching porn at the same time until someone walks in on you. Remarkable, isn't it?

As many of you know, good science is done in teams, so I'd like to bring to your attention some collaborations we've been doing. First off, we've been doing newspaper exchanges with our friends over at *The Medium* and *The Golden Ram*. You can find copies of their newspapers on our newsstand in the Pit (assuming they're not all gone). Second, I invite you to check out page 3 of this issue for a special sneak preview of *The Golden Ram*. If you like their content, I encourage you to read more!

Just before I top off this editorial (which, may I say, has been tough to write because I really don't have much to say), I'd like to give a special shout-out to Concrete Toboggan, who let us use their workshop for our

cover photo shoot, as well as Benjamin Lappalainen, who took this month's editorial photo.

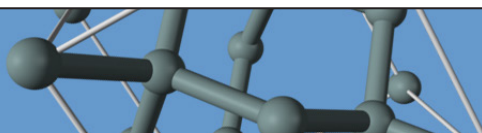
Finally, I'd like to remind everyone that we accept letters to the editor! Just shoot an email to toike@skule.ca with the subject line "Letter to the Editor."

Theoretically yours,

Simo Pajovic
Toike Oike Editor-in-Chief



WRITE-ITORIAL



Herro Toikelings! I see you've chosen once again to pick up a copy of our humble humour paper. And for some reason, you've also chosen to read this write-itorial... Not gonna lie, I'm a little weirded out, but, uh, thanks? I guess?

Anyways, this issue is pretty cool. We've got a lot of science, and some other science, and even more science for y'all to enjoy. We've even got a few comics and some advice for you guys to take to heart because we just care that much.

And, and! Because we just care that much, we're even going to have those cool workshops I mentioned this month! So, if you've ever wanted to learn how to Photoshop or create graphics that don't look like they were made in MS Paint, then you

should drop by our graphics workshop. It'll be headed by our lovely Graphics Editors, and I've heard rumours that they're might be food, but you didn't hear it from me. *shifty eyes* Our other workshop is headed by that chick who's Senior Staff Writer or something. She's pretty okay. She'll teach you how to write gooder, if you're interested. (There also might be food at this workshop too. Just saying.)

If neither of these things interests you, but you still want to be involved in our newspaper cult, we've got ideas meetings and editing meetings that you're always welcome to drop in and join.

Anyways, I'm real pleased (and confused) that you've read this write-itorial to the bitter end,

so I'll reward you with a dumb science joke.

A chicken and an egg are lying in bed. The chicken is leaning against the headboard smoking a cigarette with a satisfied smile on its face. The egg, looking a bit ticked off, grabs the sheet, rolls over and says "Well, I guess we finally answered that question!"

Scientioficly yours,

Diana Pesce
Senior Staff Writer



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COLOPHON

Each month, under a full moon, the ancient pagan god Cthoikeoike manifests Himself in this dimension as an enormous obsidian monolith, emerging from the void at a remote location in the Sahara. In anticipation of His arrival, a cult of engineers sacrifices a goat in exchange for the His blessing and the publication of The Toike Oike. From beyond the nether, Cthoikeoike summons the newspaper into this realm through portals located above newsstands across the University of Toronto. With a steady rumble, He then slowly descends back into the sand and returns to the manifold in spacetime from whence He came, vanishing from our world until we need The Toike Oike once again.

WHAT HO?

The Toike Oike is an American popular science magazine. Many famous scientists, including Albert Einstein, have contributed articles in the past 170 years. Current issues include a "this date in history" section, featuring excerpts from articles originally published 50, 100, and 150 years earlier. Topics include humorous incidents, wrong-headed theories, and noteworthy advances in the history of science and technology.

DISCLAIMER

The factual, carefully researched scientific opinions expressed in this newspaper reflect those of the Engineering Society and the University of Toronto. In fact, they even reflect the opinions of the writers and the engineering community in general. NOT! If you happen to find any of the material within these pages offensive, do not try to sue us, as we have a crack team of racially diverse lawyers ready to bring the pain and give out mix tapes. Sucka MC's ain't shit.

SKULE™



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Thrilling Conclusion to Periodic Table to be Released January 2017

Gordy Voermawaif
Toike Oike Periodic Writer

Warning: The following article contains spoilers for previously released elements on the periodic table. Do not read any further if you do not want them spoiled!

It's the moment that millions have been waiting for. Ever since Dmitri Mendeleev published the first Periodic Table back in the late 60s (1869 to be exact), generations of fans have been waiting to see how the rest of the Table would play out. Although Mendeleev unfortunately wasn't able to complete the entire series before his death, William Ramsay, Glenn Seaborg, and numerous other scientists have carried the torch in his place.

"I love how the Actinide series in particular combines elements of creativity, ingenuity, and plutonium in what I believe is the Table's most gripping plotline," says one major critic. Others are fans of

the Alkali Metals due to its volatile and unexpected plot twists. "I mean, who would have thought that caesium reacts that violently with water?" said one hospitalized researcher. "My mind was literally blown!"

That's not to say that there hasn't been some controversy in how some contributors have gone about adding to the existing framework. Oppenheimer's dabbling in uranium and plutonium has outraged more than a few fans, with ratings dropping among Japanese readers. However, the transformation from warring to powering our everyday lives is starting to bring some people back on board.

Other complaints have targeted the inconsistent chronology of new elements added to the table. Later elements such as ununocium and ununseptium have a more avant garde feel than previous ones. The fact that they came out before the speculated

ununhexium had many scratching their heads as to which order the elements should be read in. In addition, the names of ununocium and ununseptium (as well as a few others) were recently reconnected to oganesson and tennesine, leading to frustration among those used to their original names. Some die-hard fans have even indicated that they preferred the elements before things got so complicated, back when there were only four.

While most people believe ununhexium truly is the last element in the Periodic Table, several sources have teased us with reports of an additional set of elements that might be added in at a later date. Such elements have been speculated to contain titillating features such as g-orbitals, but whether they will be considered a part of the main series or simply a new electron spin-off is unknown, even if they are included.



Above: The decision to split uranium is widely regarded as one of the most controversial moments in the Table's history.

Protests Rage Through Galaxy as "Black Holes Matter" Calls for Political Upheaval

Kismai Yass
Toike Oike Periodic Writer

Galactic unrest has plagued the Milky Way as a protest from the Black Holes Matter group ran through the night, shutting down all transportation through the Kuiper Belt.

"Enough is enough. This brutality must end."

That was the common theme amongst protesters last night. BHM leaders cited cluster-wide systemic discrimination as an urgent problem that galactic politicians are not addressing.

"The justice system isn't working for us," proclaimed one BHM protestor. "Hawking radiation should be indiscriminate, but look around you. All you see is quiet, unsuspecting members of our community being unfairly profiled and attacked by Hawking radiation. It's slowly eroding our people. How are we supposed to get ahead when so many of our youth are being dissipated into the vacuum of space? You have all of these people who think they can stereotype us into one group but they forget we're individual regions of space-time."

Asked for a possible solution, a BHM leader stated, "I don't know

about a solution, but I know we need some change. General Relativity isn't working for us and you already know Newton's Law of Gravitation was never going to be a permanent solution."

The recent protests did not commence without controversy. Local community members expressed concerns over the activist group's motives and goals.

A 47-year-old male living just 3 light years from the recent protest commented, "They whine about unfair profiling, but maybe if they stopped infinitely compressing entire communities and destroying everything in their path... they'd have more luck! They're ruining our peaceful, suburban solar system."

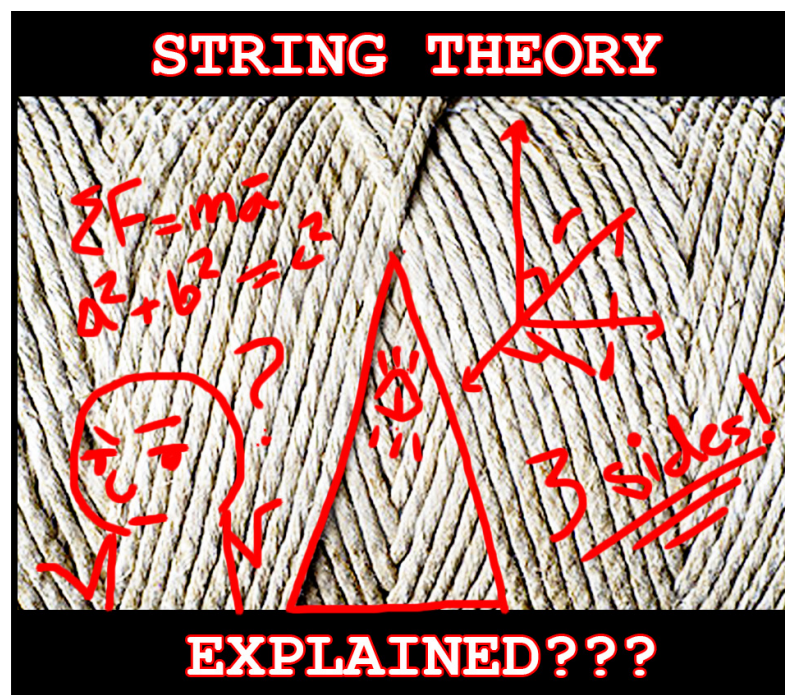
"Look, I don't think they're bad phenomena, per se. I just have a problem with black hole culture... I mean, look at what they name their kids. NGC 4889, S5 0014+81...what are they thinking?" BHM activists have repeatedly addressed the above claims in past interviews, stating that it is unfair that they should be expected to change a fundamental part of their identities simply to conform with other interstellar masses.

Scholars have also commented on the potential long-term impact of these strained space-time relationships. A professor at the University of Alpha Centauri for Political Economy offered his view on the situation.

"What we're seeing now is a phenomenon that the academic community has termed 'White Flight'. In fear of the increasing presence of black holes in their surrounding community, you're seeing several white dwarf stars migrating to nearby suburban clusters."

When asked for comment, Andromeda presidential candidate Robert Orangeback called for increased galactic security and took the opportunity to promote his platform.

"This violence is destroying our homes and it's the working class people who are paying for it. Now more than ever, it's clear that we need to build a wall along the Sombrero Galaxy border. The livelihood of our galaxy depends on it."



Diary of an Engineering Professor

Black Star
Ryerson Golden Ram Correspondant

Day 1: Dear Diary, I am very excited to meet my students. I've been up all night practicing my syllabus speech, and going over my course outline. This year, I am teaching Statics and Dynamics as well as Thermodynamics for both Mechanical/Civil/Aerospace students. I can't wait to inspire the new generation!!!

Day 12: Dear Diary, it's been a long couple of weeks... After all my classes, there have been hoards of students waiting outside my office; they're all asking the same questions and leaving with the same confused looks they came in with. I hope they understand me....

Day 31: Dear Diary, I gave my students their first midterm today. It was 6 questions of review from the assignments I gave out during the past month. I want these kids to succeed, and since they all got around a 76% average on the assignments, they should score the same on the test. This maybe the best-written test in history!!!

Day 41: Dear Diary, the class average.... Was 31%..... These kids.... they failed. Half the class dropped the course, and the other half are trying appealing me! I don't know what to do!!!

Day 50: Dear Diary, I've finally understood what I have to do.

Day 69: Dear Diary, this class of students are complete and utter idiots. I am astounded at how simple concepts fly right over them. All I taught them was how to differentiate the mass/area ratio to find the average flux of the curve of the path during flight! Basics!! I am officially done with these kids.

Day 93: Dear Diary, Fianls!

Day 99: Dear Diary, 37. 37 kids came to me begging to a boost. HA!

Day 100: Dear Diary, It's over. I'm free!!!!!!!!!!!!!! Time to stream Game of Thrones!!!!

If you enjoyed this article, check out more of The Golden Ram



YER SUDS
AWAY FROM SUDS
SINCE 9T6



SAT OKT 01:
Phil Hood on Stage

FRI OKT 07:
OKTOBERFEST
OOMPA MUSIC BY
HAPPY WANDERERS
POWERED BY



Fägermeister
and PITSCHFORK
BREWING COMPANY

SAT OKT 08:
Sam Sundar-Singh
on Stage

SAT OKT 15:
Josh Fabe on Stage

SUN OKT 16
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9 Out of 10 Health Professionals Agree that 1 out of 10 Health Professionals Disagrees

Harry T. Stickle
Toike Oike 11th Scientist

A recent debate on whether the tongue cleaner on the new Colgate 360 actually killed 99% of bacteria ended up in tension when one health professional, Dr. Noah Lotte, claimed that the tongue cleaners were completely useless. He proceeded to explain how his daughter had been using it, but recently had cavities in her teeth. On the other hand, his son, who uses Oral-B toothbrushes, has had pearl white teeth all his life.

A similar situation arose last month when the group of ten health professionals were discussing the five senses when the same health professional claimed that his wife has a sixth sense. "Whenever I think that my wife is the worst person in the world and we should get divorced," explained Dr. Lotte, "she realizes that I dislike her and calls me out, which must mean she has a 'sixth sense.' Therefore, contrary to popular belief, all humans have six senses. You're welcome, science."

By making a generalization about all humans from a single data

point, Dr. Lotte has proven himself to work from intuition rather than carefully collected evidence. This may be why he has been gaining popularity through *The Dr. Oz Show*.



Above: Dr. Lotte at work on his next groundbreaking theory.

One of the other nine health professionals in the room, who chose to stay anonymous, explained his animosity toward Dr. Lotte. "Remember seeing those '4 out of 5 health professionals agree' kind of commercials on TV before? IT'S ALWAYS HIM WHO DISAGREES. We just can't convince the guy to be reasonable. He always brings up anomalous examples from his family and disregards the actual facts. The worst part about him is that he doesn't even agree to disagree. He disagrees to disagree, then proceeds to disagree with the disagreement in his next sentence. Why can't

we all agree that the new tongue cleaners are just really awesome? WHO THE HECK GAVE HIM A DEGREE?!"

Some of Dr. Lotte's successful journal articles include "Bleach: The New Cure for Jaundice" and "Smoking: The Health Benefits of At Least Looking Cool." Despite receiving a great deal of criticism from the scientific community, Dr. Lotte is loved and respected by his family. Mrs. Anita Lotte believes that her husband is a genius and praised him for recently developing the entire field of alchemical engineering. "He is hoping to start his own undergraduate program at a local state college," she proclaimed. "He just wants to make the world a better place by taking poisonous stuff like mercury and lead and turning it into stuff everyone can enjoy, like gold and money."

Dr. Lotte says he is proud of what he does. "I think the other nine health professionals just need some time to get used to my unique way of thinking," he stated. "After all, nobody thought Einstein's ideas had merit when he first presented his theory of relativity."

News Briefs Brief

Investigation into EngSci Common Room's Reek Reveals New Bacterium

A new bacterium was discovered last week in the EngSci common room. The bacterium, named porcinum ingeniorum, was discovered during a recent study on why the Engineering Science Complex, known colloquially as "the Sty," maintains its reputation as one of the worst-smelling facilities on campus.

Samples taken from the common room by respirator-clad graduate students of the Chou Lab at the Institute of Molecular Genetics were analyzed and sequenced. The researchers were able to isolate the new bacterium and now believe it to be the cause for the poor odor of the common room. Although the bacterium has not been observed before, genetic analysis revealed it to be close cousins with a microbe commonly found in swine.

Although the cause of the smell is finally known, getting rid of it will be more difficult, according to Dr. Chou. "We tested several types of antibiotics against the bacterium, but none proved effective," he stated. "The only treatment we know of at the moment is dropping into Mech." Dr. Mark Porkchop, Chair of EngSci, did not return our calls for comment.

Academics in Shock as New Paper Proves 1 Like = 1 Prayer

Kismai Ass
Toike Oike Mathmagician

The mathematical world has been turned on its head as a new proof that demonstrates that 1 like = 1 prayer was published yesterday in Nature. An emergency conference was called at the Fields Institute in Toronto, Canada. The director of the Institute made his bewilderment clear.

"The fallout out from this will shake the very foundations of modern mathematics. All of our axioms need to be revisited."

He then added, "It's incredibly counterintuitive, but the proof is there. For all of these years, the thinly veiled threats from middle-aged women claiming that the action of not liking their post implied you were a spawn of Satan were absolutely correct! There really is a special place

in Hell for all of you twats who ignored Aunty Nina's Facebook posts."

The seminal paper came from an untraditional source. A Russian man by the name of Alexei Rubulev sent the paper in for peer review 3 months ago after working on the proof for over 7 years. We could not contact Mr. Rubulev for comment because no one on our staff knows Russian.

Mathematicians are looking to extend this proof to shares, which are believed to be fundamentally tied to likes and prayers.

Despite the excitement, academics have been quick to note that the current proof says nothing about other gestures on Facebook.

"It's important for the public to reel in their excitement a little bit," says the Field Institute's

director. "From this proof, it's clear that God accepts likes as currency for prayers. However, the proof says nothing about the conversion rate for wink faces or eggplant emojis. A great deal of ambiguity remains". There is currently no consensus on the value of other symbols. For instance, one professor from the University of Toronto's mathematics department guesses that the value of an eggplant emoji could range from about 5 prayers to a permanent banishment to Hell. The impact of this proof seems to have trickled down all the way to the high school level.

"It's just a beautiful result," said Mark Betances, a local high school teacher, as he attempted to hold back tears. "I haven't seen such elegance in mathematics in a long time. My students are so inspired by this result. I didn't

even have one kid in my math class today ask me when he was going to ever use this useless shit!"

The corporate world has also been forced to take note of this landmark achievement. It has been reported that Facebook CEO, Mark Zuckerberg, has called for a meeting with the social media giant's board of directors to decide how to best monetize this finding and further exploit their users.





Starbucks Goes Basic

Ilyu Minaughty
Toike Oike Basic Bitch

Customers are crowding into Starbucks shops all around the city after the company announced its latest creation.

“We pride ourselves on catering to all demographics, but we have come to realize we still lack in showing appreciation towards our most dedicated customer—those who call themselves ‘basic.’ We thought for a while about what we can do and what kind of product we could create. It didn’t take long to dream up what we thought is the best match for everyone: a truly basic drink.”

The marketing team’s statement naturally caused quite a flurry of excitement. At this time, it appears 3 drinks are available, each sporting an elegant name in the best tradition of Starbucks: Aqua (pH 7) for those only entering the realm of the basic, Ammone (pH 11) and, for those who consider themselves the most basic, Naoh (pH 14).

“We’re truly excited about serving our customers this new drink. Plus it has no sugar in it at all. That’s definitely a huge health benefit, isn’t it?” one barista working at a downtown location mentioned. “I’d literally die if I could have this drink every day, wouldn’t you?”

However, this breakthrough in beverages hasn’t gone unchallenged. Tim Hortons has also entered the unusual beverage market, opting to counteract and neutralize the competition. With that in mind, they have announced a line of acidic drinks.

“We understand not everyone considers themselves a ‘basic’ individual, and we would like to cater to that market,” the marketing team stated at the press conference for this upcoming product. “It will be cheaper than the competition, and will serve to neutralize any other drinks from such stores. HA! Neutralize--get it?” (The audience didn’t get it.)

When asked about the safety of such drinks and how they would affect the health of customers, neither Starbucks nor Tim Hortons could be reached for comment. We would personally, however, not recommend mixing the drinks, as your body may not be able to cope with the increase in salinity and/or temperature.

Will this new line of drinks from Starbucks really take off, or will the basic drink drop hard in the near future? Nobody knows for certain, but rumour has it hospitals and poison control stations all over the city are already undergoing a massive expansion effort, “just in case.”

Study Finds Missing Car Keys

Rachel Silverstein
Toike Oike I Spy Champion

Researchers at the University of Saskatchewan were shocked on Thursday when a three-year study on the effects of a high-sugar diet on children with a genetic predisposition for diabetes found a set of car keys reported to have gone missing some time the previous afternoon. Interviews revealed that the majority of researchers expected to find a correlation between the quantity of carbohydrates children consume between the ages of 3 and 6 and the onset of diabetic symptoms.

“After working in this field for a while, I think most of us have a pretty good gut feeling about these things. I’d say that we’re probably either going to find a correlation or not find a correlation, but we’ll just have to wait for the results to come in before we know for sure,” said senior researcher Paul Walberg who has been working on the project since 2013. When the study

instead found the set of keys to a Volkswagen Prius belonging to Bill from IT, many researchers in the department were surprised as very few of them had been expecting this result. “This is the beauty of the scientific method,” added Melissa Molinski, head of the Human Biology Department. “The use of empirical evidence allows us to surpass our biases and make discoveries that would otherwise be impossible. In situations like these, it is important for a scientist to keep an open mind; the fact that most of us did not expect to find the car keys does not make this result any less valid.”

Parents across the nation, who had been hopeful that the study might provide some headway for the prevention of this life-changing disease in their children, were disappointed on Thursday. However, Bill from IT was quite pleased to have his keys back, especially since now he will not be needing to hitch a ride from his co-worker Wendy, whose car has

been reported to smell faintly of soup.

“Admittedly, these findings are taking our research in a different direction than many of us initially anticipated, but I am confident that these results will prove to be no less valuable in the long run given what some of the future implications might be,” stated Molinski at a press conference the following day. Since then, the department has released a statement listing the prospective applications of its research, indicating several goals to be met within the next few years, namely, finding other items such as pens, sunglasses, handkerchiefs, and small to medium-sized bits of rock. The department’s long term goals include finding larger misplaced objects such as cell phones, wallets, and missing children.

Study Finds Civil Engineers Not Actually Civil

Foo R. Dye
Toike Oike Barbarian

After an almost four-year (plus PEY) study at the University of Toronto’s Faculty of Applied Science and Engineering, it has been found that civil engineers are not, in fact, civil.

Hugh J. Wang, a Civ 1T5 and lead author of the study, applied to U of T seeking an education that would allow him to make a difference in the world while maintaining his statuses as both a scholar and a gentleman. Despite having heard in high

school rumours of engineering debauchery, Wang assumed that the Department of Civil Engineering would be free of any incivility. Instead, Wang found quite the opposite.

Over the duration of the study, he discovered so-called “civil” engineers partaking in the same uncivil behaviour as other engineers, including excessive drinking, vulgar cheers, and loud public conversations about Skule Nite. In addition, civil engineers were frequently recorded discussing “erections,” “rigid members,” and “distributed

loads.” Luckily, as with ECEs and EngScis, civil engineers did not appear to engage in any sort of premarital sex, although the masturbation habits of all three disciplines have drawn concern in the past.

While Wang found his educational experience valuable overall, he is pursuing his master’s degree in something hopefully less irreverent: the formal sciences. “I’ve already had my father order me one dozen bespoke three-piece suits,” said Wang. “I just hope that I don’t get baited again for my master’s.”

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ADVANCES

DISPATCHES FROM THE FRONTIERS OF SCIENCE, TECHNOLOGY AND MEDICINE

EDUCATION

The EEAT: Measuring the Mettle of a Generation of Engineers

For educators, understanding what makes a good engineer can be a daunting task, especially when assessing the strengths and weaknesses of incoming classes. In an attempt to shed light on this issue, the University of Toronto's Prof. A. S. Sukh designed the Engineering Entrance Aptitude Test (EEAT). It is an innovative and comprehensive test, widely considered a more accurate than the SAT and other standardized tests.

So, how did the University of Toronto's Class of 2020 fare? We'll let the students' answers speak for themselves.

After the events of *The Avengers*, which caused over 2.3 million Wakandan damage, political pressure mounts to install a system of accountability for damage caused by the Avengers. Captain America believes superheroes should remain free to defend humanity without government interference. Iron Man disagrees and supports oversight.

Whose position do you agree with? State and justify your position in a paragraph. [20 marks]

Hint: There is a right answer!

I just want to smoke a bowl

accountability for collateral damage caused by the Avengers. Captain America believes superheroes should remain free to defend humanity without government interference. Iron Man disagrees and supports oversight.

Whose position do you agree with? State and justify your position in a paragraph. [20 marks]

Hint: There is a right answer!

As far as possible I agree with missionary

Auditory: Describe the sound of purple.

my dick is purple now after yesterday, thanks guys

Fuck you

1) Estimate the amount of Red Bull and/or coffee you will drink this year. Do not include Tim Hortons "coffee" in your calculations. [10 marks]

↑
TYPO!

Assume you know how to spell.

High School: Smelly Farts International
Discipline: Smelling Farts

Name: Leeroy Jenkins
High School: Harambe's Zoo
Discipline: sharpshooting

Show ALL your work.

1) Write a comparative paragraph essay about apples and oranges. [10 marks]

It's like boobs and ass, both contribute to the experience man

2) Write a limerick about engineering in iambic pentameter. [10 marks]

There once was a man from Nantucket,
buttfuck it buttfuck it buttfuck it,
buttfuck it buttfuck it buttfuck it,
buttfuck it buttfuck it buttfuck it,
buttfuck it buttfuck it buttfuck it.

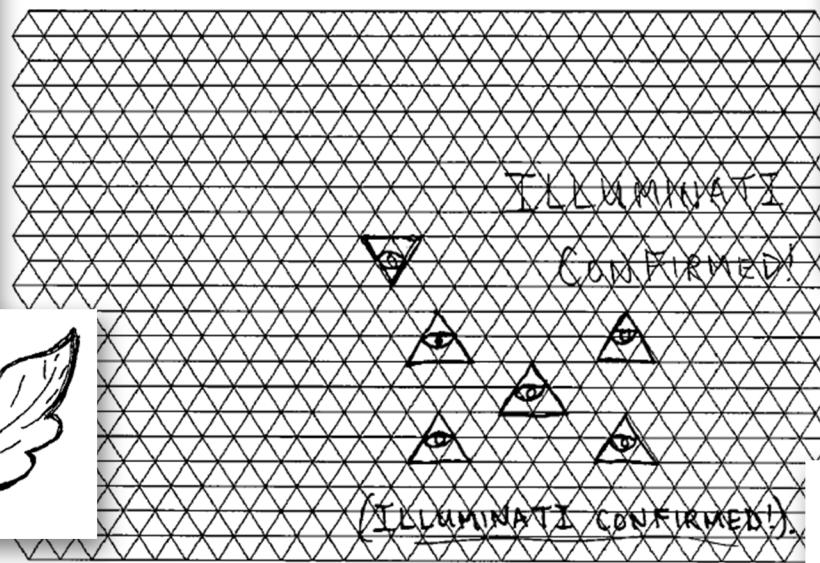
3) Identify what is incorrect in the equation below. Hint: This is an easy one! [5 marks]

$$\frac{df}{dt} = \lim_{h \rightarrow 0} \frac{f(t+h) - f(t)}{h}$$

Not as easy as your mom.

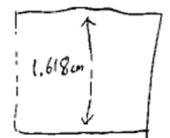
RIP

4) Use the triangular grid provided to graph $x^2 + 4(y - 9) = 42$. [5 marks]



5) Sketch a perfect circle of diameter 1.6. [20 marks]

Hint: This one is tough!



5) Sketch a perfect circle of diameter 1.6. [20 marks]

Hint: This one is tough!



Part II: Che

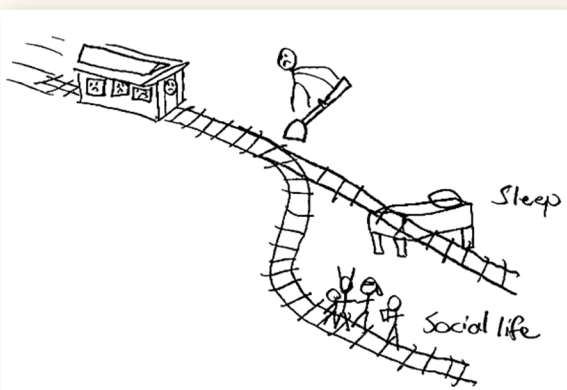
Show ALL your work.

1) Estimate the cost in Wakandan dollars of the Avengers. [10 marks]

The same amount evil Cincinnati wrongfully killed

1) Guess your mark on this exam. Show ALL your work. [138 marks]

$$= \sqrt{\sin(x) \times 3!} \frac{d}{dx} 9e^x \times \int 9e^x dx = 0\%$$



ian dollars in collateral should remain grees and paragraph essay.

tain America believes government interference. n in a paragraph essay.

tions go,

cils are required

baller was great

18 cm in one attempt. You may only use pen.

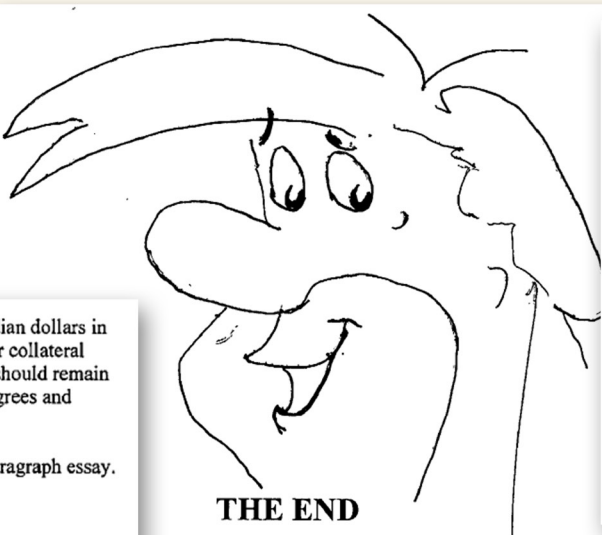
perfect circle of diameter 1.618 cm in one attempt. You may on

he is tough!

mistry

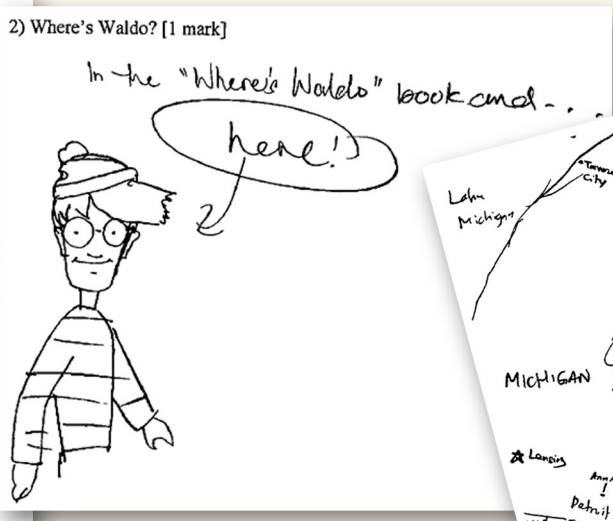
s of the damage done to New York City in The

as the corrupt and 200 made after they my boy flarambe..



THE END

starts here; everything else was just a warm up. Good luck!



2) Where's Waldo? [1 mark]

In the "Where's Waldo" book and...



2) If you had the earnings were paid out to you at a certain rate at the end of each year, how long would your time be worth? [10 marks]

2) True or false: what is a microphone? Circle the one you think is correct. [1 mark]



What do you see in Figure 1? [3 marks]

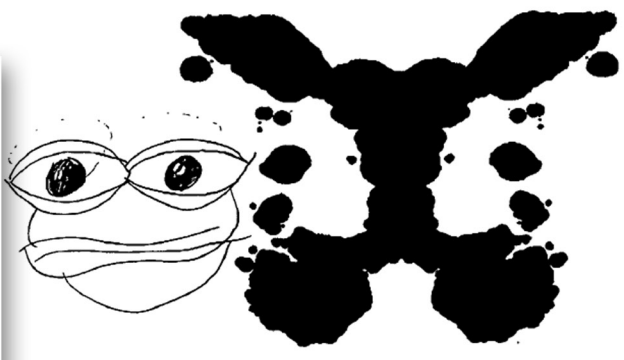
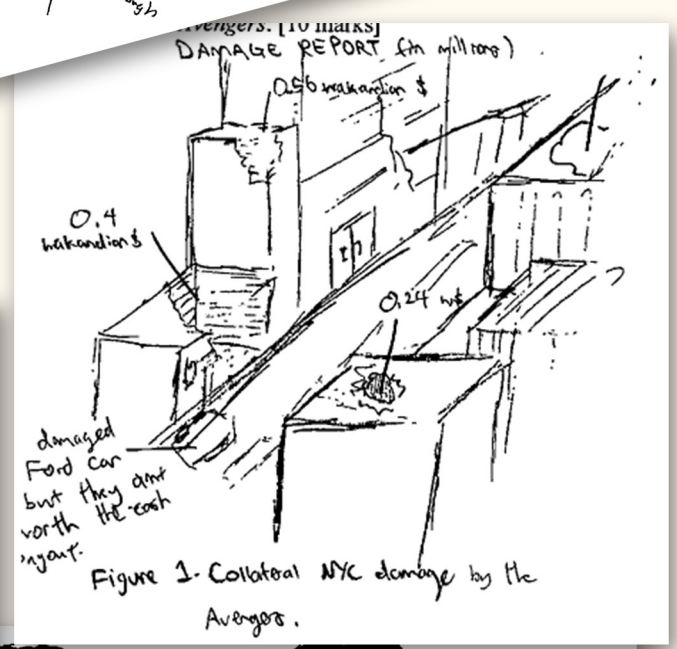


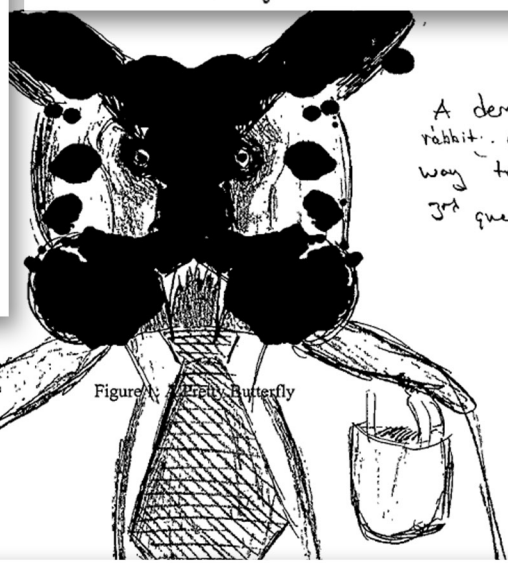
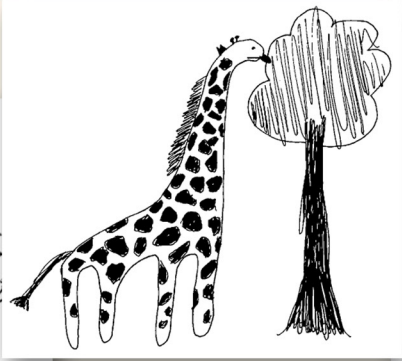
Figure 1: Some Clouds

PEPE



10 marks] DAMAGE REPORT (in millions)

0.4 lakandons \$
0.24 m \$
damaged Ford car but they are worth the cash repair.
Figure 1- Collateral NYC damage by the Avengers.



A demonic rabbit on their way to their annual 3rd quarter meeting

Figure 2: Eerie Butterfly



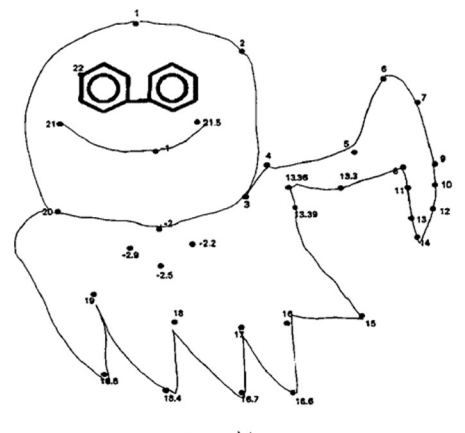
Visual. Draw an impressionist representation of this test. Coloured pencils are required.

Not all circles have to live up to your unrealistic standards of beauty.

It's 2016!



2) Connect the dots to sketch the skeletal formula of a substance commonly known as Red Namra-HC. Write down the proper systematic name of the chemical in the space provided. [5 marks]



Proper systematic name: ghastly

that's racist!
you can't say things like that today





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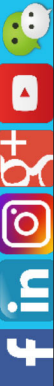
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Med Sci Dean Confirms No Corpses Have Escaped Laboratories (This Morning)

Jacques Chit
Toike Oike Necrologist

Earlier this month, the Dean of the Faculty of Medicine held a press conference on front campus and announced that no corpses have walked out of the Medical Sciences Building as of this morning. The Dean made this announcement suddenly and for no discernable reason.

The announcement has caused some concern among students

and staff at the university. After the zombie breakout at Guelph University last month, many people are worried that the University of Toronto could also be sieged by zombies. However, the Dean has reassured everyone that he is not, in fact, trying to create a process that reverses death and that everyone should remain calm.

On Friday afternoon, Tnedu Tsicsdema, a Med Sci student,

approached *The Toike Oike* about exposing the truth behind the Med Sci Building. "Although it is well known that we have a morgue in the lower levels of our building, corpses are not expected to walk out, as they are, y'know, dead." Tnedu also claims that resurrection is impossible, adding that cadavers in the Med Sci Building are used exclusively for teaching purposes and not for experimentation, scientific or occult.

"The Med Sci Building always smells a bit like rotting corpses. I wouldn't be surprised if they're hiding something," said Tnavre Sboyrev, a very observant engineering student. Nevertheless, since the Dean of Medical Sciences confirmed that a corpse did not walk out of the MedSci Building's doors, we can conclude beyond a reasonable doubt that no suspicious activities are being undertaken at all. Nope. Not at all.

Documents Reveal Ryerson Attempts to Download RAM After Mascot Theft

Foo R. Dye
Toike Oike RAM Lover

Documents have been obtained regarding the actions of Ryerson engineers after the 2013 seizure of their mascot, the RAM. The documents, consisting of memos, emails, doodles, and scientific papers published by researchers at the "university," paint a detailed picture of what life was like during the search for RAM.

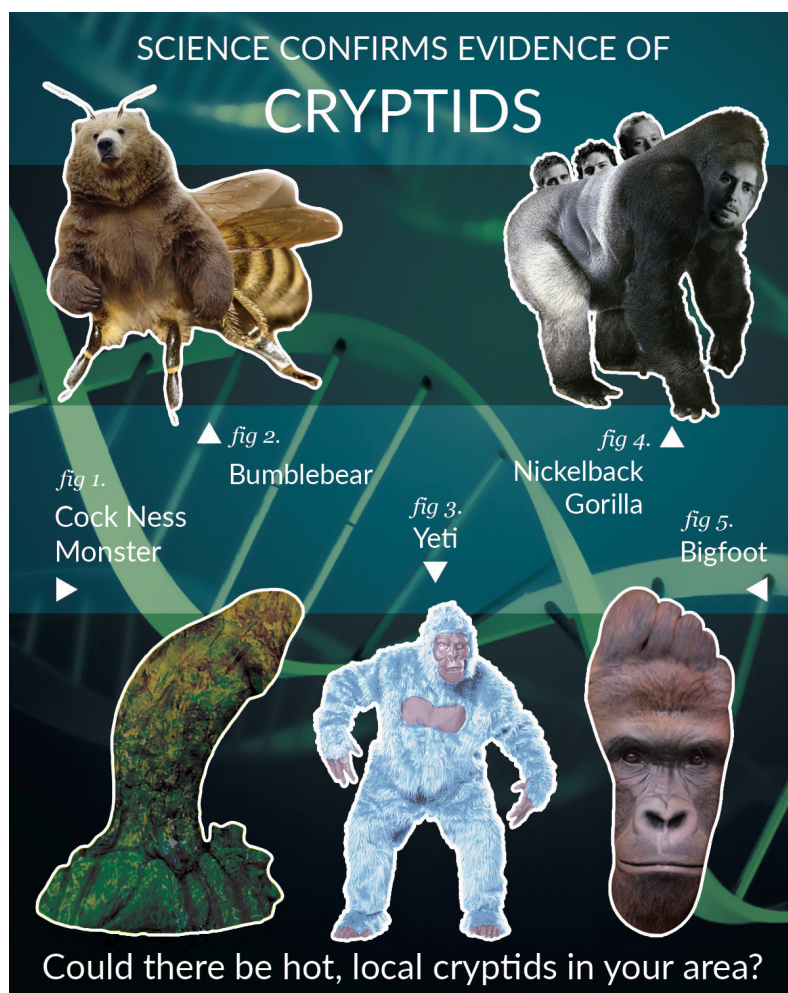
Ryerson's most qualified computer engineers immediately took to the task of securing the RAM. But instead of trying to pay the ransom demands issued by da BFC, memos show that for weeks, Ryerson students tried to download more RAM. As time passed, the search for more RAM grew increasingly frantic, with many Ryerson engineers emailing each

other about viruses infecting their computers.

The Ryerson Engineering Student Society (RESS) quickly sought out the esteemed Ryerson nurses for help, who suggested antibiotics to treat the viruses but were unfortunately unqualified to prescribe anything themselves.

The effort to download more RAM continued. "Why would anyone ever go out and pay for RAM," asked one student, "when all the RAM you could ever need is available on the Internet for free?"

Ultimately, after further unsuccessful events to download more RAM, Ryerson Engineers relented and paid the ransom.



New Study Shows Thoughts and Prayers Don't Actually Provide Relief During Disasters

Gordy Voerzmawaif
Toike Oike Relief ;) Expert

A new report published by the United Nations has brought to light a staggering finding about the effectiveness of well-wishers towards people in disaster-stricken regions. Contrary to widespread belief, neither thinking about nor praying for said people actually makes any difference whatsoever. One avid social media blogger had strong opinions on the report.

"This is outrageous! I spent a whole 9 seconds typing out a tweet offering my thoughts and prayers to the people of Dunexististan when I heard about the tsunam--I mean, earthquake.

It was an earthquake, right? Sorry, I only saw the headline pop up in my Facebook newsfeed, I didn't actually click the link. How can you say that it didn't make a difference???"

The study shows that there is zero correlation between the number of thoughts and prayers offered via social media platforms and the rate at which disasters are mitigated. Instead, relief efforts depended largely on factors such as local infrastructure, gross funds donated by governments and individuals to reputable aid organizations, and the severity of the disaster in question. One of the key authors of the report, R. U. Lissenen, was asked to speculate on why this might be.

"Well, as far as we can tell," stated Lissenen, "all the factors that affect relief efforts are in some way connected to the people suffering the tragedy. However, electronic messages appear to have trouble reaching God during disasters. We hypothesize that the unusually high volume of traffic causes Heaven's servers to crash, rendering any sort of divine response impossible for a fixed period of time, generally until a few days after the disaster is over or however long it takes for the brief Internet mourning period to end."

This is sad news for the majority of people who want to be able to show concern without actually making any personal sacrifices

to help others, but there's more, according to Lissenen.

"Thoughts and prayers aren't the only thing that do not correlate with help in disaster-stricken areas," he added. "We've also found evidence that temporary profile picture filters on Facebook are also useless as a means of helping those in need, even if said filters are left up until after the tragedy is forgotten by the user."

Lissenen and others have suggested that further research will need to be conducted to verify the impacts of Snapchat Stories on international crises.

Gorilla Falls Out of Own Enclosure, Forcing Zoo Staff to Shoot Toddler

Mike Literus
Toike Oike Joke Killer

In an extremely controversial turn of events at a midwestern zoo earlier this week, the accidental exit of a four hundred pound silverback from its cage resulted in an untimely death for a small child. Staff were left with no choice but to put the innocent creature down lest it do any harm (intentional or not) to the ape. Since the incident, public uproar has ensued, with many calling the zoo establishment to review their policies.

While many are angered by a decision they claim was unjust, several zoologists have defended the call that had to be made in only a moment by the apologetic zookeepers. "In situations like these, you just can't afford to take chances," says one expert. "These humans, many aren't likely to be a threat, and ninety percent of the time they're very friendly, but

ultimately we can't control their natural instincts."

Others have gone on to explain that while it is not certain that the misplaced primate would have met with injury during its surprise encounter, many gorillas have fallen victim to startled or angry humans in the past. Accidental encounters in the wild have been fatal so many times that several gorilla species are now considered endangered. Experts say that while the situation is regrettable, the only way to be sure of protecting the gargantuan anthropoid was with a well-aimed bullet in the cherubic body of the potential attacker.

Enraged activists have cast blame on the family of the errant silverback for not watching him more closely, while others have fired back with the assertion that such attacks were racially slanted. For their part, the family has declined to comment, and were

last seen chewing random pieces of rope while eating ticks out of each others furry backsides.

The Internet, naturally, has done its part in turning the tragedy into mainstream culture, with hundreds of memes now idolizing little Richard Dawson, who was neutralized shortly after the

gorilla landed on the pathway next to him. Many memesters are encouraging their communities to remove the gorilla statuettes from the shrines they had built after a strikingly parallel incident during the summer and replace them with statues of the boy. In other words, thousands are now pulling their Harambes out for Dick.



Dear Miss Ogeny

Dating advice that's Up to Date!

Dear Miss Ogeny,

A girl in my ESP group keeps trying to do all the work. She says she doesn't mind and she's actually good at it, but I'm afraid I won't get any credit for the good job. What should I do?

Sincerely,
Panicking Frosh

Dear Panicking,

First of all, I'm surprised you're not more offended by this. Women should be seen and not heard; who is she to think she's permitted an opinion, let alone allowed to do any work? I'm sure that everyone else in your group is on your side, so don't be afraid to take a stand at your next meeting.

Secondly, and perhaps most importantly, what's going to happen when it's her "time of the month"? Nuclear war, that's what! She'll start crying at the drop of a hat, and all your hard work will turn into soliloquies about puppies and chocolate. Plus, she'll be a massive bitch to any other female group members. Avoid this at all costs, trust me.

As for getting credit for the work, not to worry. She's a woman, she won't get credit for it anyway.

Pip pip cheerio,
Miss Ogeny

Dear Miss Ogeny,

Now that there's more than one girl in my class, I don't know who to be attracted to. What should I do???

Lonely in Love

Dear Lonely,

The following is a foolproof formula designed to find the girl that is also attracted to you:

Let x be a roll on a d20 (i.e., a random integer between 1-20)

Let n be the number of girls in the class

$$\frac{2^n x / 2 + \pi \sigma^* 1/x}{n^2}$$

If this doesn't work, you should probably just flip a coin. After all, women are basically all the same anyway.

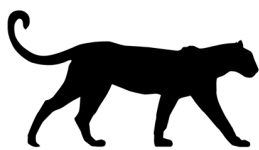
Good luck with the bitches,
Miss Ogeny

TOP THREATS TO GORILLAS



1
TODDLERS

Toddlers are currently the biggest threat to gorillas worldwide. They are known to manhandle gorillas, fatally injuring them and leaving them to die exposed to the elements.



2
LEOPARDS

Leopards are natural predators of gorillas. Recent increases in leopard populations have caused them to become more aggressive and attack gorillas more frequently.



3
BANANA PEELS

Gorillas often slip on banana peels and injure themselves. This causes gorillas to become more prone to predation while injured.



4
ITALIAN PLUMBERS

They are very vengeful and prone to killing gorillas if their loved ones are held captive in gorilla packs. A plumber named Mario has been especially threatening to gorillas since the 80s.



5
AFRICAN WARLORDS

Gorillas are a popular prize hunt among African warlords to show prestige within their circles. Moreover, they also hunt gorillas to sell them on the Asian black market.



6
ZOOKEEPERS

Zookeepers will often help toddlers maim gorillas. In a particularly brutal event this year, a zookeeper killed beloved gorilla Harambe as a toddler lured it into the zookeepers's aim.

End of an Era at the ECC

A. Aysi
Toike Oike Hivemind

The University of Toronto announced today that the Engineering Career Centre will be closed, after it was revealed that the PEY program had been operating as a Ponzi scheme for the last decade.

Instead of student services, fees paid by PEY participants were used on luxury items for the ECC offices, including electric staplers and paper cutters (for making origami cranes out of the resumes submitted by students for feedback), Egyptian cotton sheets for pull-out couches (for the mandatory workplace napping sessions), and flat-screen TVs (for live streaming... sports. Yeah, sports).

A student representative commented on the anger felt by students and the possibility of a student-led protest against the ECC: "Well, people are pretty

mad, but protests are usually designed to disrupt actual activity and I don't think there was ever much of that happening at the ECC offices." In contrast, the President of the You're Next Career Network spent the day outside the ECC offices with an ear-to-ear grin on his face and a wistful gaze in his eyes, dreaming of a career centre that is actually effective. Reports of confused students who thought YNCN was the Engineering Career Centre continue to circulate amongst the faculty.

At press time, disgruntled complaints about the stupidity of "these kids and their LinkedIn" could be heard emanating from the ECC office. Concerned ECC staffers and career counsellors were seen staring at blank pieces of paper, wondering what a good resume is supposed to look like.

LAVIK SKULE
MALESTOROK 1,000
KROVISTJANDI: 9/10
LUTJURVI: 2000

LGMBeaver (Skulio Beaverus)
Habitat: the deepest depths of da Pit
Surviving number: 1 (before midterms)

WILDLIFE AS THE CANNON SEES IT



The Engineering Society's Annual General Meeting is this October 25th at 7:00PM.

At this meeting, every engineering student gets a vote! We'll present EngSoc's financial status, decide whether or not to approve changes to our constitution, and more.

If you're interested in keeping track of what your student representatives are doing, keep an eye on your inbox for more details and come to the meeting!

Traces of Women Found in Mech

Monica Lewinsky
Toike Oike Presidential Advisor

For years the desolate discipline has sat barren and secluded, populated only by robots and, possibly even less human, mechanical engineers. A groundbreaking new discovery by the National Androphobic Scientists Administration (NASA) has uncovered traces of women in mech, evidence that the discipline may once have had full classes, or even binders, of women. When asked about the news, mech student Ben Jackinov said that "for years, mechs have had no life--it is exciting to think that there might just be life in Mech!" The department has reportedly started

teaching Cartesian graphing on an X-X rather than X-Y plane, in commemoration of the discovery. NASA has even received a petition to rename mech to "the red discipline"; however spokeswoman Effie R. Mative-Aktonhyre has stated that "this would be inappropriate, period." She went on to explain that while the discovery is a great one, renaming the discipline would be a huge overreaction.

The search has not been an easy one. According to Gall E. McOxbig, one of the engineers given the task, "none of us had ever seen a woman before--and when we did encounter women, the entire team had no idea what to do."

Fortunately the project qualified for a large government grant last fall; McOxbig told the Toike that "the more funding we got, the easier it was to find women." When asked about future plans for his team, McOxbig reported that while "there's still a huge load to be done", his team has chosen to pull out of the project to refocus their research into chem instead. He went on to cite a recent study promising nearly a 40% success rate across all disciplines, and explained that "it was the logical next step--women are certainly not going to be found somewhere way out of the habitable zone like ECE."

TOIKEOSCOPES



ARIES

A *ram* is a male sheep. Sheep are quadrupedal mammals typically kept as livestock. Sheep are raised for fleece, meat, and milk.



TAURUS

A *bull* is a non-castrated adult male cow. It is more muscular and aggressive than the female of the species.



GEMINI

Twins are two offspring produced by the same pregnancy. They can be identical (one fertilized egg cell splits) or fraternal (two egg cells are fertilized).



CANCER

Crabs are crustaceans that live in all the world's oceans, in fresh water, and on land. They are covered in a thick exoskeleton and have a single pair of claws.



LEO

The *lion* is the second largest living cat after the tiger. Wild lions exist in sub-Saharan Africa and India. The male lion is easily recognized by its mane.



VIRGO

Virginity is the state of a person who has never engaged in sexual intercourse. In many cultures, it is associated with purity, honor, and worth.



LIBRA

A *scale* is a device used to measure weight or calculate mass. A balance in its traditional form consists of a pivoted horizontal lever with arms of equal length.



SCORPIO

Scorpions are predatory arachnids with eight legs and are easily recognized by their pedipalps and segmented tail ending with a venomous stinger.



SAGITTARIUS

An *archer* practices the sport of archery, which is using a bow to propel arrows. Archery has historically been used for both hunting and combat.



CAPRICORN

Goats are a domesticated mammal used for their milk, meat, hair, and skin throughout history and in different cultures.



AQUARIUS

Water is a polar inorganic compound with chemical formula H₂O. At room temperature, it is a tasteless, odorless, and nearly colourless liquid.



PISCES

Fish are any aquatic species with gills and lacking limbs with digits. They are abundant in most bodies of water and an important source of food for humans.

Want to join the Toike? Read this Black Box!

Are you fairly hilarious? We want you!
Can you photoshop like a boss? Join our graphics team!
Do you want to try your hand at humour writing? Become one of our staff writers!
Do you have the mad English skills required to pick out our typos and grammar follies? Do content editing for us!

Head over to www.toike.skule.ca/join and get on the mailing list!

You'll automatically be notified of upcoming meeting dates, times, and locations.

Alternatively, if you're interested in something specific, like graphics, editing, or distribution, email toike@skule.ca and let us know!

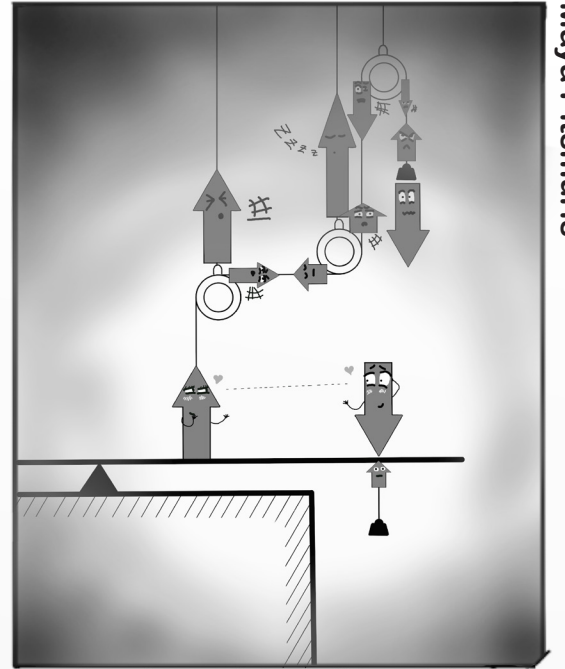
Get involved with your friendly neighbourhood Toike Oike! Anyone can join.

It doesn't matter what year, faculty, discipline, or college you're a part of; if you can read this then you're good enough for us.



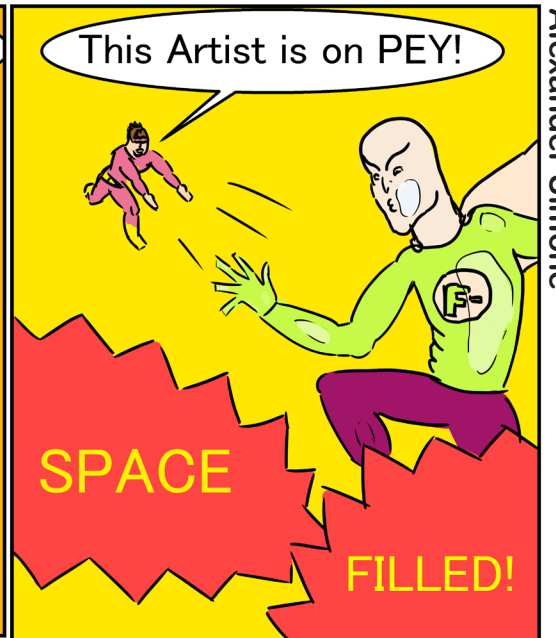
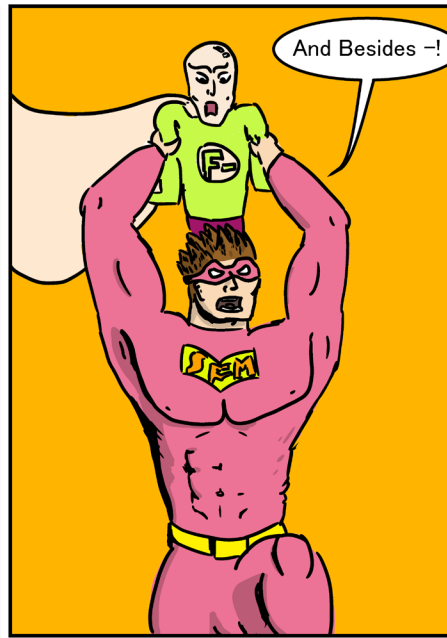
Maya Pitsmuris

When it came to building bridges, Carl was a great engineer. When it came to building relationships, he was more so an engi-far.



Maya Pitsmuris

It was nice to note that even amidst so much chaos, two forces were able to have a moment.



Alexander Simone



Mike Literus

