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Doug Ford Elected Ontario Premier, PC win Majority



Bruce Reeve via flickr



On June 7, Ontarians were supposed to elect a new government and elect a new government they did. The PCs will form government with 76 seats, a majority in a house of 124 seats. The NDP will form Official Opposition with 40 seats. It was a historic election for the both the Liberals and Greens. The Liberals achieved their lowest standing in the house with 7 seats, just 1 shy of official party status. The Greens won a seat in Guelph, a first for the Green Party of Ontario.

The polls for once were right in predicting this election, for both the popular vote and seat count. The popular vote was within the margin of error for all parties. As for the seat count, the CBC Poll Tracker was surprisingly close in predicted seat counts for all parties except the Liberal party, which was forecast to just have received one seat. This comes after the polls have failed to predict multiple elections including the most recent federal election.

As well, the adage campaigns matter failed to materialize. Before the

campaign, the PCs were forecast to win a majority, which they won. All the campaign facilitated was the Liberals being decimated in the seat count and that support subsequently moving to the NDP.

This was the first time ballot counting machines were used in an Ontario general election. They were implemented to require less staff on election day and report the result quicker on election night. That they did, with the results being conclusive just 15 minutes after polls closed. The ballot counting machines were completely offline and kept both a scanned image of every ballot and the physical ballot for verification afterwards. There were several hiccups with the machines which led to a small number of ridings not reporting immediately on election night.

As with every election, there is always calls for electoral reform. In this case the PCs won a majority with just over a 40% of the popular vote. Federally, since 1921 (the first year more than two parties participated in an election), only three majorities have been elected with more than 50% of the popular vote. In the 2007 Ontario general election, a referendum was proposed to adopt Mixed Member Proportional as the electoral system in Ontario. The electoral system was roundly rejected by Ontario

voters at the time. Finally, any government that would propose electoral reform (i.e. Harper's Conservatives and Trudeau's Liberals) must have been elected under the system they're proposing to eliminate. From the view of a political party it is a bad idea to do away with a system that just put you in power.

While the PCs were elected on June 7, Doug Ford is still Premier-designate until June 29 as transitions from the previous government to the new government take place. Not much is known about the transition at this point. Several high-profile female MPPs including Caroline Mulroney, Christine Elliot and Lisa MacLeod are expected to receive cabinet positions. Meanwhile, Ford has promised to recall legislature to legislate an end to the York University strike and lower the Ontario portion of the gas tax. At this point, it's a waiting game to see what type of Premier Ford will be. It's one thing to campaign and an entirely different thing to govern.

The NDP are in a once in a generation position. They are forming the Official Opposition and must work to show that they are more than just the second choice party for liberal leaning voters. This has happened before, with Stephen Harper's

majority government being opposed by Tom Mulcair's NDPs only to have the NDPs fall down to third party status in the next election.

There are two main differences here that will give the NDP more time to transform themselves as the alternate governing party to the PCs. One is that Harper's Conservatives at that time were facing fatigue, leaving the NDP less time to organize their newfound support. Another is that Liberals at that time still held official party status meaning they had less rebuilding in front of them, again giving the NDP less time to organize their new supporters.

The Liberals were utterly decimated on election night, reaching their floor in popular vote support and were given 7 seats, 1 short of what they needed to be an official party. Official party status comes with two key privileges. One is funding for policy research, which the Liberals will have to get by without. The other is the are no longer entitled to time in Question Period and when they do get time, are not acknowledged as being a Liberal party MPP.

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I Can Finally Drink Water Again!



HASAN AHMED
EDITOR-IN-CHIEF

Midterms are done! And you all survived! Good job, now go celebrate! Drink, eat, sleep, but don't relax too much because finals are in just a month! Sorry to kill the mood. Aside from that, thanks for picking up the third issue of the paper and reading my thoughts. I really want to extend major thanks to everyone this issue. Since it was midterm week, I was worried about articles coming in too late, so I extended the deadline. Most people got their articles in only a little bit afterwards, but top contributor goes to Aaron Propp for submitting all three of his articles before the ORIGINAL due date! Check out his coverage of the Ontario election, his regularly-scheduled prof. personalities, and the US-Canada tariff talks. Extended thanks also go to Gabrielle for providing the comic for this issue. If you've read my past editorials, you know I'm really pushing to get more comics in the newspaper, and if you're reading this, you can always submit them to iwarrior@uwaterloo.ca! Finally, Judy was once again helpful as the advertising manager, and she's really quick with the communications she does for the paper. I'd also like to make a formal apology for the late delivery of the last issue. We had some miscommunications with the publishing company but things worked out. The papers were all on the racks by Thursday/Friday thanks to some help from Gabrielle again. Thanks to all of you for the amazing teamwork!

Let's talk about the election quickly. I'm really glad I saw a lot of my friends go out and vote. Be sure to check out Aaron's article on the coverage, but I'm just going to express my thoughts on the results here. The left wing split really showed in southern Ontario, making it a very blue area. Check out the map from the Globe and Mail (just google "Ontario election results 2018: A map of the results.") The data is really nice to pour over and you can see the change from the last election to this one.

I've been on a Gordon Ramsay binge during midterms, specifically Hell's Kitchen. I was comparing the later seasons with season 1 (Elsie <3), and realized how many effects and dramatizations were added in the later seasons to make it more appealing. It's very different from the UK versions of Ramsay's shows as well, and it feels almost fabricated. Later seasons seemed to have more characters with personality as well. If you look at Elise from season 9 and Joseph from season 6, it feels weird sometimes how people this obnoxious are even getting this much screen time. It seems analogous to shows with and without laugh tracks. Personally, I can't watch Big Bang Theory since it has laugh track every 0.2 seconds. Need proof? Look up the video "The Big Bang Theory - No Laugh Track" and you'll see my point. Alternatively, watch "Big Bang Theory's Laugh Track Replaced With a Vacuum Cleaner"

and you'll change your mind. I always go on some weird binge of shows during midterms. In the fall, Twitch was doing its marathon of the original YuGiOh so I had to try and balance studying with my undying love for the series. I did surprisingly well.

World cup is here! And I'm excited, since these years are always the best to watch sports because we have both the World Cup and Winter Olympics. Fun fact, the 2006 World Cup final was held on my birthday, and I was in Pakistan at the time. We were all watching the game on a big projector screen, and I was rooting for France. I thought we had it sealed until the famous Zidane headbutt. So uh, probably not a good end to my birthday. I also got sick shortly after, so I didn't feel amazing about that. But it was a great trip and although France didn't win, I did get my "revenge" four years later when I saw Spain defeat the Netherlands in the 2010 finals. Today, I still cheer for France, but I've also been a big fan of the Spanish team. Finals will come pretty close to my birthday, and the Iron Warrior is covering the tournament.

So what's happened with me over the last two weeks? Well, I thought I failed a quiz but did pretty well (have confidence in yourselves, folks). I also had interviews almost every day during hell week, so that was rough, and Ramadan ended, so I was able to go home and celebrate Eid with my family on Friday. Each Eid, we have a tradition of all meeting up and having breakfast together before going from house to house eating food, meeting with family, and partying. But now I'm back here in the office, writing my articles and getting this paper together, missing some festivities. At least there will be more next week and more food to fill my stomach. I kind of needed the food after a few of my midterms weren't as good as I wanted them to be, but I guess that's the way it goes. The one I think I did the worst on was like 35% of my grade so let's hope I can get above a 60 or a 70 on it.

Luckily, there were positives this week. I had the best interview of my undergraduate career. I answered every technical question correctly, spoke well and joked around with my interviewers, and they even said at the end, "good interview!" It was a great end to the week on a strong note. Hopefully they weren't bluffing and they'll offer me the job, which pays pretty decently as well as being a field I really want to get into. The change in mood from last issue's editorial to this one are now very prevalent; how I was super stressed and saying I would get through it but was still going to have a hard time. But I did it. So yay me. I did sacrifice a little bit though, but I think it was worth it. I had a prelab which required some lengthy (but not difficult) calculations involving complex numbers. So I just wrote down the formulas and didn't do much actual calculation so that I could study for the midterm instead. I don't know if I did well on the midterm, but I definitely did better than me in the alternate reality where I spent time perfecting the prelab. This is the first time I've actually put half effort into an

assignment/evaluation and submitted something incomplete in pretty much all of university, which I guess is something to be proud of. I just hope this isn't like a gateway to being late on more and more assignments. Who knows; if I get offered a job next week for rankings, maybe I can slack off a little more. Disclaimer: don't be like me, please follow your own advice because I'm not telling you that you can do this to. It doesn't always turn out well to not submit evaluations.

Some of you who know me know I'm a big Smash Bros. nerd. I've been following Melee for about four years, and keep up with the other smash games as well. And I'm really liking the Smash Ultimate that was shown at E3. Oh my goodness, Ridley was revealed. What was thought to be a big meme actually happened, and he looks like a character I would main because I also love dragons. Back when I played YuGiOh, I had a chaos dragon deck, and as a kid I was in love with Blue-Eyes White Dragon and Kaiba's deck. I was a young little nerd. Now I just have to start saving coop money for a switch, and hopefully I can get one for Boxing Day 2018. Maybe one day a newer version of Animal Crossing will be released but I guess for now I'll stick to the 3DS version.

Tim Hortons review time. Over the last month, I was able to try the new chocolate chip iced cappuccinos and the salted caramel one. And I have to say that both are phenomenal. The chocolate chip one helped especially during midterms, since I needed to sugar to stay up and study, and I'm a big chocoholic. The whipped cream on top is always a nice touch, and even when I get regular iced capps, I try to get the supreme with a vanilla bean shot. Once you have special/extra topped iced capps, it's hard to go back to the regular stuff. The salted caramel tasted exactly how I expected it to taste; like salted caramel. That's all I wanted, and that's all I got. My sweet tooth has been activated and for sure I will be ordering this again and again in these hot summer months to quench my body's heat. I still need to try this new poutine they have on the menu (first I have to figure out it's halal) but it honestly doesn't look too good. I like my poutine to have thin fries, and if the gravy is going to be poured onto wedges, it might not be as good as another poutine store. Nonetheless, I tend to have high expectations but low standards so I'd probably eat it anyway. Tim Hortons has been reeling me in with their products, so I can only say I'm a dedicated customer. If you guys want to send me gift cards for my birthday that would be sublime.

The issue-ly word is obfuscation, which means to make something obscure or unclear. Nothing really prompted this word to be included in the editorial, I just think it's a cool word and fun to say. Ob-fuhs-kay-shun. Not everything has to have an underlying motive, jeez.

And that wraps up editorial three. Seems incredible that I'm already more than halfway done my tenure as Editor-in-Chief, and only two issues remain once this one is pumped out. Thanks for reading!

THE IRON WARRIOR

The Newspaper of the University of Waterloo Engineering Society

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Send your submissions for the next issue to iwarrior@uwaterloo.ca.
Spring 2018 Publication Schedule: May 23, June 6, June 20, July 4, July 18

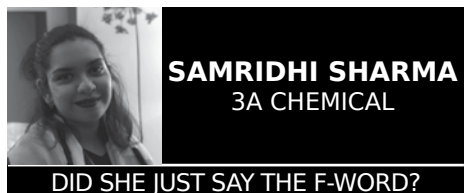
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The Math of Intersectionality



Before we begin my bi-weekly rant about everything that is wrong with the world, let's talk about a new and refreshing idea that some of us have trouble understanding. Now, it's a mouthful, so let's try speaking it slowly once – inter-sec-tion-al-ity. Now let's say it faster together – intersectionality. Awesome job, all of you who got it!

For those of you who are still thinking, "Intersectional feminism only allows people to define their complex experiences

by allowing them to define themselves by more than one characteristic. Why would we want to overcomplicate our lives?" This is either for you or not for you; I give you the choice to stop reading, like you give me the choice to be a feminist.

So, here's the thing, intersectional feminism is a beautiful concept. Imagine that on a given day you can only either be a woman, or a person of colour. Or imagine that on a given day, you can only either be a student or speak English. How much sense does that make? Intersectionality considers all this information from your background and lets you define your experiences using more than one characteristic that you possess. It appreciates that people of colour have different experiences than

white people and that men and women have different experiences. This is not to say that everyone is not included! Your experiences, and how you define them, are welcome in the community, but this time you don't have to limit how many variables you blame for it. Let me break it down for you engineers: contrary to what you have been taught in class, Y does not only have to depend on X. Bring out all the other alphabets and those Greek letters, but save sigma for the siemens. Just kidding, you are all welcome here, especially rho, because density can be reduced in this column!

If you are still unconvinced, and thinking, "All of this is fine. She is funny, and I can understand the concept now, but why do we need intersectional feminism?"

To you I say, first of all, thank you. Second of all, Slovenia is focusing their Pride celebrations around intersectionality this year, so that has to count for something! And finally, intersectionality allows you to be an individual before you are made a part of a group. It appreciates the fact that all people belong to different groups and more often than not, two people are rarely in all the same groups. It is a step away from stereotyping and a step towards appreciating diversity. So why not give it a shot?

Now that we have recognized that I am a funny person, I can add the fact that I am a person of colour and a feminist, and we can use the concept of intersectional feminism to establish why I write this column. Math has never been this fun.

Prof. Personalities - Sarah Meunier



How long have you been teaching at Waterloo?

I taught my first course at Waterloo in fall 2014. So I guess I'm going up on 4 years.

What courses do you teach?

I teach a lot of first years. I teach CHE 102, I do that one every single fall. I branch out a little bit and teach the chemical concepts course for 1B. Right now I'm also teaching CHE 322, it's a numerical methods course. I've taught CHE 420 which is process control.

Favourite course to teach?

I really, really love to teach CHE 102. I usually don't teach chemical engineering CHE 102. I teach the electrical engineering, computer engineering, or mechanical engineering students. When in the chemical engineering courses most of the students know why they're taking this course and it's pretty easy to put that relationship between what you're going to use it for. But I really like to teach other disciplines CHE 102 because I can try and convince them that chemistry is important to everybody. Whether I'm successful or not is a whole other story. Especially with electrical students because there is a lot of electrochemistry. For mechanical students I try and focus a little more on materials, because that's something that they'll study later. I like to prove to everybody that chemistry is important to everybody. I find that fun and I get first year students who are completely new to the whole university thing. I try and get them into the university culture and figure out what the university life is, which is also fun.

How'd you end up as a professor?

That's been a little bit of back and forth. I graduated from UWaterloo with my PhD, but I had son right after I graduated, so I spent a year and a half on maternity leave with him. I kept debating where I was going to go and what I wanted to do afterwards. But I came across two opportunities and one was for teaching and one was for research in industry. I couldn't choose between the two so I ended up doing both part-time. As the years passed, I ended up doing less research and more teaching. So I still do a little bit of research, but I do way more teaching. Some semesters I do more teaching and less research. Some semesters I do less teaching and more research. It's converging on more teaching and less research.

Favourite part of being a professor?

I totally live for that Aha! moment. When you're working on something with a student and all of a sudden you can see in their body language, in their face and their eyes that all of a sudden it clicks. I love, love that moment. I love just sitting working one-on-one and you see things click and things start to work. You realize you've made it. That's my success, when I know that I see that click.

Hardest part?

I guess when it doesn't click. When you work really hard with a student and you're grading their final exam and you realize that they never really got it, no matter how hard you worked and how hard you tried to explain things in different ways and work with different examples. You realize even though they worked so hard, that they didn't get it. I find that really difficult.

Teaching philosophy?

I teach a lot of first year courses, so I usually have around a hundred student in my classroom. So in general, I try to look at things in as many different ways as I can, figuring I might get a certain group of students by looking at it from a certain perspective and try and come around it a different way with different media. In CHE 102, I liked to use a lot of videos or different types of examples. Sometimes it's the concept that people get, sometimes it's watching a video or seeing some sort of demonstration. So just approaching things in as many different ways as I can with the hope that if one of those methods click then you got that topic.

How many people come into CHE 102 without knowing the factor label method?

A large percentage. I wouldn't be able to tell you how many. But when we start that CHE 102 lecture with how to make sure that your units always work out and that this is a rule of life rather than just a chemistry thing, that's something that a lot of people come to me afterwards and say I had no idea. But then there's a lot of people who think it's ridiculous that I'm even teaching that topic. Just knowing that if you can't figure out any equations, as long as you're following your units that's going to get you to the answer. I guess the other way works better: even if you're following the equation, if your units don't follow, you know something's up.

If you weren't a professor what would you be doing?

I'd probably be doing research. I still do a little bit of a research. There's a company in London called Trojan Technologies and they do water treatment. I still keep a little bit of a hand in my research there. So I think if I wasn't here, I'd be with them. I do really like research, but teaching is

special in its own way. It's almost more rewarding to me. Because you see those students come through and you know that they're going to do something great.

Interviews are around the corner. Any tips for engineering students?

Every job I ever got, I think I got based on a connection with the interviewer more so than technical skills. I think the biggest thing is that an employer can train you to do their technical work but they can't train you to work well with others. That's a personality thing. So I think being there and being somebody who seems like they'd be easy to work with and somebody that you can talk to and developing that relationship with an interviewer. Rather than concentrating on "I know how to do this and this and this", say "I can do teamwork, I'm willing to learn". For sure I can do whatever you ask me to do. I can figure that out. But even if I don't know it, that type of positive attitude I think comes through more in an interview. I think that more employers are looking for that than technical ability. Especially in co-op where most people have the same or similar background.

3 tips for undergrad?

Enjoy it. Definitely enjoy every minute of it. It often feels like a race, you're racing to the end. You got to get through these courses this semester and then you're going to do this. When I look back on it, the friendships that I made, the times that I had were definitely some of my favourite times and my favourite memories. So make those memories and make those connections with people.

The other thing is developing an ability to learn. Rather than looking at it and saying I have to get these concepts for this exam. But more so looking at it and saying I know that I can figure this stuff out. If I'm approached with this I can open a book and do research. It's not just memo-

rizing the formulas. Understanding the types of concepts and how you get to an answer is more important than remembering a particular formula. Even in numerical methods where we have a lot of formulas. To me I'm always looking at my exams and grading them that way, do you understand what's behind this rather than plug numbers into a formula. I think that ability to learn, that ability to figure things out is the benefit of being an engineer, more so than knowing how to plug things into a calculator.

Favourite memory of undergrad?

I have a wonderful group of friends that I'm very close with and went through undergrad with. Even though we're from Montreal, Calgary, Northern Ontario, and Southern Ontario, we still make time to get together. I remember my best friend and I would say we're done studying and go out to a bar, listen to some music. All of a sudden, we'd be asking the waitress for a pen and sheet of paper. Because we were still trying to figure that stuff out even though we promised to stop. Sitting at the table in the middle of the bar and writing out equations and studying together, maybe not doing the best studying but sometimes you just can't turn that off.

Tell me a little bit more about your research with water treatment.

The company that I've been doing research for the last 4 or 5 years, they do UV treatment of waste water to purify waste water. But that's a well-established treatment method. So they have a whole team of people working on that, trying to optimize it. What I do research on is how to take that technology and apply it to biopharmaceuticals. Using the UV lamps to destroy viruses but not destroy the nutrients that are in some sort of raw material. We want to get rid of the viruses but keep the proteins. So it's taking that water treatment technology and applying it to biopharmaceuticals.



What's Up With FIFA?

Everything You Need to Know To Be Informed About One Shady Organization



GABRIELLE KLEMT
3A GEOLOGICAL

As Russia sets the stage for what is considered one of the major sporting events on the world stage, many of you may be asking, “Is FIFA really still a thing?” I for one can’t at all recall the 2014 World Cup, although that may be because I was shut up in a military base doing cadet training, but I sure as hell can remember hearing FIFA in the news a lot, and whenever it came up, the picture got bleaker.

Enter this series, here to ask the important questions you want answers to: Is FIFA still a thing? Does anyone really remember the 2014 World Cup? Who will be watching this year? What about that Russia scandal again? Follow along with me as we take a dive into the politics of soccer, and arm yourself with knowledge for those backyard BBQs this World Cup season!

So, let’s go back, before we look ahead to what’s promising to be an interesting tournament. Back to a time when K’NAAN’s (where is he now?) anthem “Waving Flag” swept the globe into a frenzy of excitement that we could all come together and unite over a shared love of sport. Back to a time before Trump effectively alienated the USA from the G7, before Ontario made a Big Mistake, before we subjected ourselves to Waterloo Engineering, and before I got three flat tires on my bike in the span of one month (if any readers are bike geniuses, please hmu). This was a time when FIFA was still considered an ethical organization by many outsiders... Halcyon days indeed.

At the end of 2010’s World Cup, FIFA awarded the small but rich country of

Qatar the 2022 World Cup, a country who has yet to qualify for the World Cup and who will play its first World Cup match on home soil in 2022 (the first country to do so since Italy in 1934). It was around this time that you probably started hearing about vote-buying and corruption that had been flying if not under the radar, then at least under the table. In fact, we can go farther back still to 1991, when allegedly FIFA’s executive was starting to accept bribes for exclusive TV contracts. This practice continued through two successive generations of officials, racking up \$150 mil for the broadcasting companies (no wonder they’re all broke!).

The allegations of undeserved awarding of World Cup locations to Russia and Qatar, given both their checkered pasts, led FIFA to commission a report by Michael Garcia (once rumored to be under consideration for FBI director) that cleared them of wrong-doing. Garcia came back in 2014 with a 350-page report which FIFA chose not to publish, releasing instead a 42-page “summary” which said they were cleared of bribery in the bidding process.

Fast-forward to the spring of 2015 when police in Zurich, acting under the request of US authorities, raided the hotel rooms of seven FIFA officials, placing them under arrest on charges of severe corruption. The President, Sepp Blatter (a name I always thought was way too close to step ladder), denied the charges until September of the same year when he, too, became the subject of a Swiss criminal investigation, part of the US inquiry. December brought more arrests and more claims of “criminal schemes” (bribery and kickbacks) to the tune of \$200 mil. The charges they faced included racketeering conspiracy, fraud, wire fraud, money laundering,

and obstructing justice.

Through it all, Sepp Blatter continued to assert that he would not step down unless voted out, and accordingly in February 2016, the “Extraordinary FIFA Congress” was held in Zurich. At the conference, Gianni Infantino was elected to the role of President and “a package of landmark reforms” was approved, according to the FIFA website. This has apparently put an end to the corruption of the last nearly three decades, but in my opinion, it’s best to wait and see. So yes, FIFA is still a thing. An estimated 3.2 billion people tuned in to watch the final match of the 2014 games, and Moscow expects 1 million (with finger to mouth) fans will be pouring into their city to watch the matches there.

And why should I watch, you ask.

Well, among other reasons, Messi and Ronaldo are perhaps playing their last Cup! We’ve also got you covered World-wise with teams from Africa, the Middle-East, all over Europe, Asia, and South America. Notable for their absence this year, however, are Ireland, Northern Ireland, Chile, the Netherlands, the US, and Italy, all past major players on the soccer scene.

I know I told you I’d answer what about that Russia scandal, but I just don’t think we have enough time (or this article will be three years long), and apparently people don’t care enough to boycott, so if I choose to talk about it in the next issue you’ll have to tune in again and find out! In the meantime, procrastinate well my friends. Happy World Cup!



The Sport Review via Flickr

Sepp Blatter, former President of FIFA

Mental Illness Does Not Discriminate

A Look Back on Bourdain and Spade’s Lives



RAEESA ASHIQUE
4A ELECTRICAL

This month, the world lost two talented and influential icons to suicide. Both were successful in their careers, proving once again that we can never know the details of another person’s life.

Kate Spade, designer and fashion icon, age 55, took her life on Tuesday, June 5 at her Manhattan apartment. (You can read about her life on page 5.)

Anthony Bourdain, celebrity chef and author, age 61, took his life on Friday, June 8 at his hotel in Eastern France, where he was filming a segment for his show “Parts Unknown”, which airs on CNN.

Bourdain’s rise to fame began in 1999 with an article in the New Yorker titled “Don’t Eat Before Reading This”, which exposed dark secrets of the food industry, publishing his bestselling novel *Kitchen Confidential: Adventures in the Culinary Underbelly* a year later. Since then, he has hosted various shows. “Parts Unknown” is in its eleventh season; he travels all over the world, living adventures and showing how food brings people together. Bourdain is also an ally of the #MeToo campaign.

He said, “If I’m an advocate for anything, it’s to move. As far as you can, as much as you can. Across the ocean, or simply across the river. Walk in someone else’s shoes or at least eat their food.”

CNN said in a statement: “His love of great adventure, new friends, fine food and drink and the remarkable stories of the world made him a unique storyteller. His talents never ceased to amaze us and we will miss him very much. Our thoughts and prayers are with his daughter and family at this incredibly difficult time.

Rising Suicide Rates

According to a 2016 study for the Centers for Disease Control and Prevention, suicide rates in the US have increased by 30% since 1999. In 2016, 45,000 Americans committed suicide, making it the tenth leading cause of death in the US.

Rates have fluctuated over time, tending to rise during difficult times, which indicates that this phenomenon is not unusual. For example, there were 17.4 deaths per 100,000 in 1932, during the Great Depression. This is similar to last year, with 13.7 per 100,000.

The frightening part is that rates have not improved one hundred years later.

With research into HIV and heart disease, death rates due to these diseases

are decreasing. Theoretically, the same trend is also possible with suicide. It is estimated that over 90% of suicide victims have a diagnosable and treatable mental disorder, such as depression or anxiety. Suicide does not have to be the outcome.

These two deaths in particular were met with public shock, because both were so successful, proving that mental illness does not discriminate. Dr. John Draper, director of US National Suicide Prevention services, said, “In some ways a highly successful person can even feel trapped because everything seems perfect – they think no one will understand or believe that they have a problem.”

Doreen Marshall, VP of Programs at the American Foundation for Suicide Prevention, agreed: “The impact feels much closer when it’s someone in the public eye because we feel we know them and we make assumptions about their life.”

Concerns were raised by health experts regarding news coverage of these deaths. These days, journalists are becoming more cognizant of responsibly reporting on suicide, including empathetic phrasing and withholding gory details. Publishing details of the suicide method can be a triggering mechanism for those at risk.

Madelyn Gould, profession of

epidemiology in child psychiatry at Columbia University, said, “When I heard about Bourdain, I was sad for him and for all the people who were going to hear about it, and I am also sad for people who might be influenced by it.” She has studied “suicide contagion” for years, and says that research supports this phenomenon. “The deaths of two high-profile people by suicide...has much more impact than less well-known individuals.”

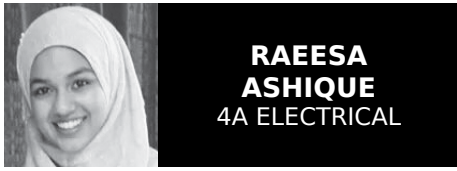
For example, when Robin Williams took his life in 2014, suicide rates increased by almost 10%—corresponding to 2000 additional deaths—according to a study published in PLOS One. After Marilyn Monroe’s suicide in 1962, rates increased by 12%, according to a study by the Centers for Disease Control and Prevention.

However, Draper believes that in the aftermath, celebrities can contribute to a “positive contagion” by normalizing dialogue around mental health.

Survivors took to social media after these suicides, leading to an outpouring of support. People told their own stories of coming back from the edge, which reflected a common theme: gestures, small or large, were often enough to change their minds. Acts of kindness from a friend or stranger. Hearing that they are valued, and to hold on.

The little things matter.

The Life and Legacy Of Kate Spade



Designer and businesswoman Kate Spade, co-founder of the popular lifestyle brand bearing her name, committed suicide at her Manhattan apartment on Tuesday, June 5. She leaves behind thirteen-year-old daughter Frances Beatrix, husband and business partner Andy Spade, and a generation of women who worshipped her style.

Her family said in a statement: “We are all devastated by today’s tragedy. We loved Kate dearly and will miss her terribly. We would ask that our privacy be respected as we grieve during this very difficult time.”

Kate Spade New York issued a statement, confirming the “incredibly sad news” of their founder’s death. They said in a tweet: “We honor the beauty she brought into this world.”

Kate Spade and her husband founded the company, which is known primarily for its colourful handbags, in 1993, developing the lifestyle brand before the term officially existed and paving the way for other female designers in America. Her goal was to create “a functional bag that was sophisticated and had some style.”

Joe Zee, former creative director of Elle and former fashion director of W, admired her for being ahead of her time. “She knew what the fashion world needed before we did. Kate just did what she felt was right, regardless of what the industry would think.”

Token looks of the brand include bold colours, preppy stripes, polka dots, and fun silhouettes. With her big glasses, playful grin, and accessible personality, Spade embodied her brand; she too was “colourful and unpretentious”.

Over the years, the company expanded into clothing, home goods, china, and towels, among other products. They now have over 315 international locations, including over 140 retail shops and outlets across the US.

In 1999, the couple sold 56% of the brand to the Neiman Marcus Group for \$33.6M, selling their remaining stake in 2006. A year later, Liz Claiborne acquired the company. It changed hands again in May 2017, with an acquisition by Coach. Although the Spades have not been affiliated with the company in over ten years, the original designs have been maintained; Kate Spade bags and other products still reflect their namesake’s demeanor.

Spade is also dedicated to philanthropy, through the Kate Spade & Company Foundation which promotes economic equality for women.

Struggle with Depression

Andy Spade released a statement after his wife’s suicide, opening with, “Kate was the most beautiful woman in the world. She was the kindest person I’ve ever known and my best friend for 35 years.”

He continued to say that she had been actively seeking help for depression and anxiety for the last several years. The couple had been living separately for ten months, although they were still on good terms; co-parenting their daughter was a priority. He stressed this point: “We were not legally separated, and never even discussed divorce... We loved each other very much and simply needed break.”

This outcome was unexpected by the family, even considering her struggle

with mental illness. “We were in touch with her the night before and she sounded happy. There was no indication and no warning that she would do this. It was a complete shock.”

Kate Spade’s older sister, Reta Saffo, disagreed. She also shared Kate’s struggle with depression with the media, saying, “this was not unexpected by me” in an email to The Kansas City Star. Aware of Kate’s struggle with depression, Saffo repeatedly urged her sister to seek treatment, but the designer was afraid that hospitalization would taint her brand’s “happy-go-lucky” image. “After numerous attempts, I finally let go. Sometimes you simply cannot save people from themselves.”

She also mentioned that Kate seemed obsessed with Robin Williams’s suicide: “I think the plan was already in motion even as far back as then.”

Spade’s brother, Earl Brosnahan, was in touch with the New York Times to call these statement “grossly inaccurate”, saying that Saffo has been on poor terms with the family, aside from Spade, for over ten years. However, Spade’s father, Frank Brosnahan supported Saffo’s decision to openly discuss Spade’s struggle. “Any talk that helps someone else, Katy would have liked that. She was always giving and charitable.”

Rise to Fashion Icon

Spade was never particularly interested in fashion, even early in life. She considered becoming a television producer while studying journalism at Arizona State University. While in school, she worked at a motorcycle bar, where she met her husband-to-be Andy Spade. Even then, her colourful personality shone through. “You’d walk in, and she was the only one in the pink crew-neck sweater,” he noted.

When she graduated in 1985, they moved to New York, where she worked as the assistant fashion editor at fashion magazine Mademoiselle. Five years later, she became the accessories editor. In this role, she was unimpressed with handbags of the era.

In a conversation with NPR, the Spades recalled discussing this idea. “So, Andy and I were out, honestly, at a Mexican restaurant, and he just said, what about handbags? And I said, honey, you just don’t start a handbag company. And he said, why not? How hard can it be? (Laughs) He regrets those words.”

When Spade was starting out, “everyone thought that the definition of a handbag was strictly European, all decades-old serious status and wealth”, according to Anna Wintour, editor-in-chief of Vogue. “Then along came this thoroughly American young woman who changed everything.”

Spade began making prototypes and was able to find a manufacturer to take a chance on her start-up. In 1993, she had a booth at an accessories show where a few of the bags were picked up by Julie Gilhart, fashion director of Barneys New York. Gilhart called the mid-90s “the time of the handbag”, applauding Spade for bringing bags to young women with lower budgets. After this first show, the company grew, slowly but surely.

Her Legacy

Everyone remembers their first Kate Spade. The handbag bridges the gap between childhood and young adulthood; it is almost a coming-of-age ritual. The bags are accessible to a younger crowd, free of the cost or ambiance of a luxury brand, while still remaining classy and timeless. Clutches and dresses have

made numerous appearances on the red carpet.

“Kate Spade had an enviable gift of understanding exactly what women the world over wanted to carry,” commented Wintour.

Part of her legacy is how she expressed herself through art. Cindi Leive, former editor-in-chief of Glamour magazine,

said that Spade, “understood that women are going to respond to things that feel like they’re made by a human, that they are expressing someone’s personality.”

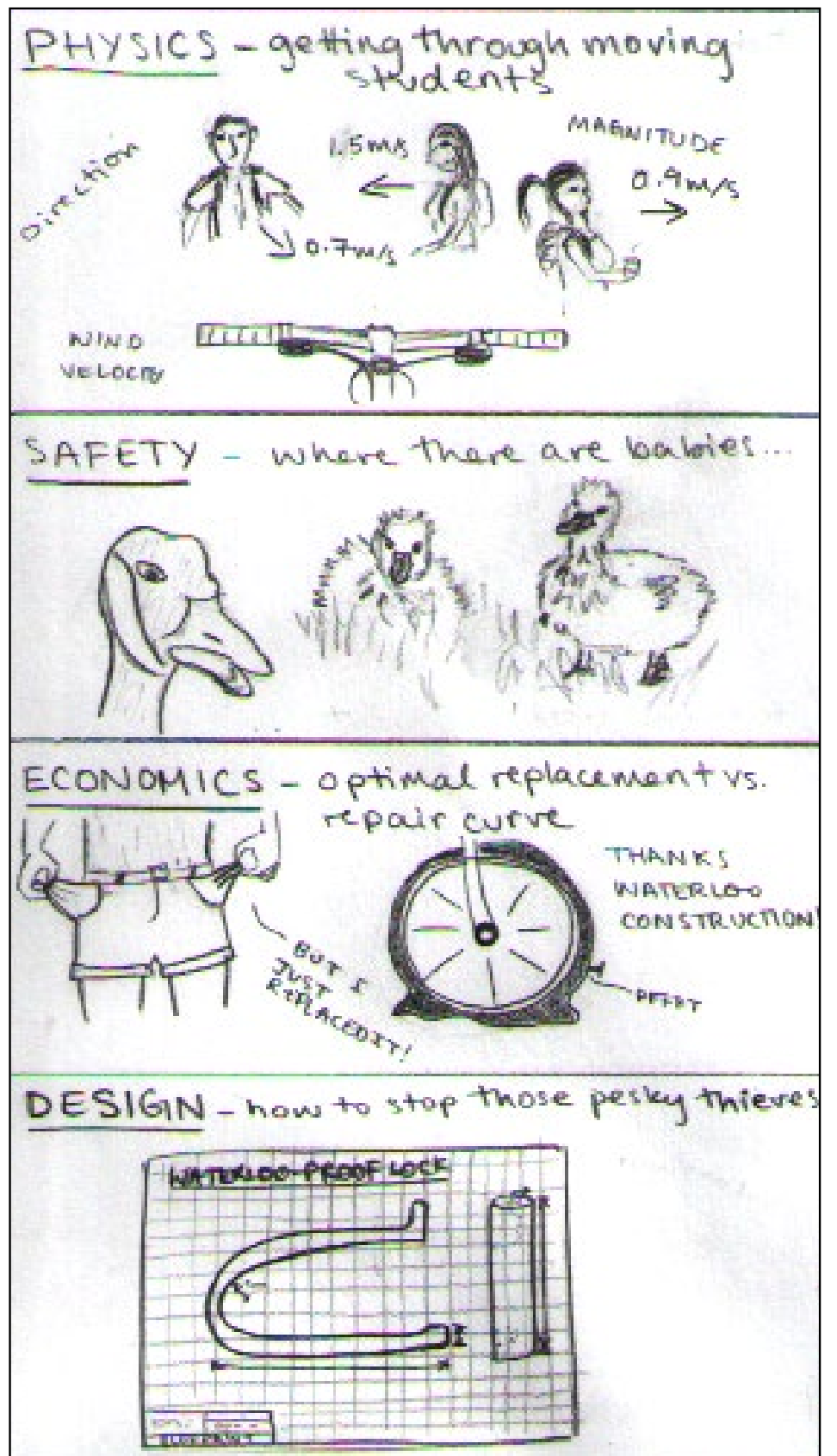
Walking down the street, one sees Kate Spade bags left, right, and centre. The brilliant designer lives on through her brand, bringing joy and colour and style to women the world over.



Bebeto Matthews via AP Images

Engineering of Biking On Campus

GABRIELLE KLEMT
3A GEOLOGICAL



East Coast Best Coast?

Waterloo Takes Over CSCE 2018, Fredericton



GABRIELLE KLEMT
3A GEOLOGICAL

Lobster, craft beer, and live music. Three things you don't typically experience on a week night. This week, however, 450 civil engineers and engineering students gathered from across the country in New Brunswick's beautiful capital city Fredericton for the annual Canadian Society for Civil Engineering (CSCE) conference. The week was packed with presentations, innovative research, social gatherings, and of course lots of seafood!

The Waterloo CSCE student chapter, CEGES (Civil, Environmental, and Geological Engineering Society), sent three delegates to the conference this year to represent the University and build on their leadership skills and professional network. Travel on Wednesday did not go as planned for one of the team members, but the other two arrived on schedule to attend a tour of the Mactaquac Dam. This 6-unit hydroelectric dam was a civil engineering feat in the '60s. Since then it has become a challenge for New Brunswick Power which has had to deal with structural issues including numerous leaks and concrete expansion.

The Conference itself kicked off Wednesday night with a welcome reception at the Crowne Plaza where students, researchers, and industry elites were able to mingle beside the river Saint John. Despite the East Coast rain of the

next morning, the ceremonial gong was rung and the conference commenced. The technical program began after the ceremony with over 100 researchers giving talks. From wind engineering, fire engineering, site remediation, concrete design to disaster mitigation and much more, there was something for everyone's taste. Along with professional talks, there was a Student Paper competition. Waterloo was represented by Dylan Dowling and Laurent Gérin presenting topics in aluminum design. The lunch had a "provocative panel" discussion about the future of civil engineering in Canada and sustainable accessible designs.

Your student leaders decided to spend the afternoon indoors away from the rain, checking out the Beaverbrook Art Gallery. The gallery is world-class, and we even got to meet the Artist-in-Residence Steven Hutching, part of the east coast friendliness we experienced all week. That evening the conference hosted a Maritime Kitchen Party complete with open oyster, lobster and mussel bars! On top of the food there was live music and highland dance performances. The evening rounded off at Dolan's, a local pub where live bands play every Thursday.

Friday had more technical and Youth Professional events, starting off with the National Capstone presentations, starring Waterloo's Tara Memarian and Manzora Nero. Lunch was accompanied by a keynote speech from world-renowned Dr. Bill Spencer. His topic of State of the Art Bridge Monitoring, including UAV, sensors, and smart phones was exciting



Gabrielle Klemt

Arash Rafat, Sehrish Ahmad, and Gabrielle Klemt representing CEGES!

and inspiring, especially for the students in the audience looking toward the future of civil engineering in which we will work. The Student Leaders Workshop that afternoon brought together the student chapter presidents and executives from across the country to share ideas and experiences from their Universities. The discussion was so engaging that the moderator had to keep cutting us off for the sake of time.

Friday evening consisted of a brewery tour across Fredericton and one hell of an after party, I don't think I need to say more. Though we came home exhausted and covered in mosquito bites, it was a night none will soon forget.

Saturday had very few conference events, which gave delegates time to explore the Boyce Farmer's Market in the morning. The Student Awards lunch wrapped up the conference and ended with a bang when the gong flew off the stage! CEGES received an honourable mention for its consistent chapter performance. Laurent won first place for his paper on aluminum compression members and Dahlia Malek came first for her research into pavement repair. That afternoon was taken up with exploring Fredericton by bicycle and saying farewell to some new friends.

We look forward to a fantastic conference in Montreal for CSCE 2019!

US - Canada Trade War on the Horizon



AARON PROPP
2B COMPUTER

Canada and the US appear to be on the brink of a trade war, coming off a fiery G7 conference. A simple look at Trump's Twitter should reveal his thought process on this. To quote just one tweet: "Fair Trade is now to be called Fool Trade if it is not Reciprocal. According to a Canada release, they make almost 100 Billion Dollars in Trade with US (guess they were bragging and got caught!). Minimum is 17B. Tax Dairy from us at 270%. Then Justin acts hurt when called out!"

This all started when Trump imposed tariffs on steel imports worth 25% and aluminum tariffs worth 10% to the United States, impacting Canadian manufacturers of steel, in addition to those in Mexico and the European Union. To be clear, these tariffs were strictly for national security reasons and not in response to Canadian dairy supply management rules.

Canada responded to this by announcing its own set of tariffs on US products, set to come in on July 1. Trump has responded by threatening to impose a 25% tariff on imported autos, impacting the Ontario industrial heartland.

There is a significant bloc of Republicans who are against this.

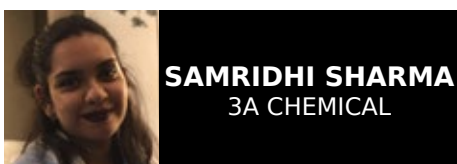
For example, Senator Bob Corker is tabling legislation to give Congress the ability to override tariffs imposed by a president for national security reasons. Corker is quoted as saying, "It's an abuse of presidential authority to use the 232", referring to the use of an amendment allowing the President to enforce tariffs for national security reasons. Senator John McCain is quoted as saying, "Americans stand with you, even if our president doesn't." Whether this sentiment translates into actual legislation, as the Republicans do not want to anger the President, remains to be seen. However, not doing so may hurt their economy and lead to a thrashing in the midterms.

Trump's thought process on the tariff

situation is plain and simple. He is seeking to use the tariffs as leverage in NAFTA negotiations with Canada and Mexico. The NAFTA talks have reached a standstill over disputes on auto content rules and a sunset clause. By Trump's logic, any country that receives more from the US than it spends in the US is cheating the US on trade.

While the US may have a trade deficit with Canada in terms of goods, the US actually has a trade surplus with Canada when services are taken into account. In addition, there are many supply lines that rely on goods crossing between Canada and the US that are being disrupted by this. Only time will show the long-term repercussions on Canadian-American relations.

The Death and Revival of a Russian Journalist



SAMRIDHI SHARMA
3A CHEMICAL

On Tuesday, May 29th, Arkady Babchenko, a Russian journalist who was an open critic of the Kremlin, was reported to have been found shot near his apartment in Kiev, Ukraine. His wife phoned emergency services when she found him and Babchenko was pronounced dead by the doctor in the ambulance after failed attempts at resuscitation.

The Ukrainian and Russian governments were quick to point fingers at each other and the tension between the countries increased. Ukraine stated that the assassination was Russia's doing as Babchenko was a prominent critic of Russia. Russia blamed Ukraine for maintaining

hostile environments for the journalists.

The events took an interesting turn, when the next morning, on Wednesday May 30th, Babchenko appeared alive at a press conference. According to Babchenko, after having been pronounced dead, he was taken to the morgue where he was able to "come back to life" and watch the news reports about his death. That night, to fake his death, he had worn a shirt with a bullet hole, and used pig blood to fake bleeding. This whole elaborate set up was done in cohorts with the Ukrainian police to leech out Russian terrorists who were allegedly planning on assassinating Babchenko. The Ukrainian security has reportedly made one arrest pertaining to the case.

Babchenko was met with many critics post this act. Some believe that this whole play undermines the trust that people have in journalists. Others think that this was

Ukraine's way to increase the world's hostility towards Russia.

Babchenko argued that he was thinking about his life and "journalistic ethics" were not his priority. He maintains the stance that he would have been assassinated had it not been for the faked death. The fake assassination actually foiled the real assassination plans. He claims that the operation had been in motion for two months and he had no choice but to participate.

There was also criticism that the Ukrainian security staged this operation just for fun and Babchenko was quick to shut them down with a Facebook post. "They [Ukrainian authorities] are all, like, 'We are kinda bored, we have nothing to do ... Let's paint Babchenko's back with blood, make his face a giant bloodclot, take him to the morgue and say that it was like that from the beginning?' And all these guys

were like, 'Hell yeah, let's do it! Because we really have nothing else to do ... Well, okay, if it happened in Russia -- nothing there surprises me any more.'

Babchenko formally apologized to everyone, especially his wife and reiterated the fact that he had no choice with the operation being under preparation for months. He said he that he had been forced to bury his friends before and it was a "sickening feeling."

After the revelation of Babchenko's fake death, Russian foreign ministry spokesperson Maria Zakharova expressed her happiness about Babchenko being alive, but she also speculated it all being a Ukrainian propaganda exercise against Russia. "That Babchenko is alive is the best news," she said on Facebook. "Wish it was always like that. It's too bad that in other cases, the masquerade didn't quite come off."

World Cup Coverage

A Summary of The Preliminary Matches



HASAN AHMED
EDITOR-IN-CHIEF

The Iron Warrior is covering the World Cup matches! Here will be summaries of the games that go on throughout the tournament, as well as recap of important moments. The games covered in this issue are the June 14-16 matches.

Russia and Saudi Arabia were the first to face off on Thursday June 14, and it was a very convincing 5-0 for the host team. This continued the trend that no host team has ever lost their opening match. This is also the second largest goal gap victory for a host team in the opening match since 1934 where Italy took down USA 7-1.

Following that match, Egypt and Uruguay faced off, and thanks to a clutch 89 minute goal by Jose Maria Gimenez, Uruguay took the game 1-0. Controversy surrounded Egyptian forward Mohamad Salah who was benched although he was expected to play. Coming off an injury from the UEFA Champion's League final

in May where he dislocated his shoulder, the lack of presence may have cost the Egyptian team the first game, although he is set to play against Russia for their second game. We can all agree that this wasn't the best way to spend his birthday though.

Morocco and Iran also had a very tight game going into stoppage time, where Moroccan substitute Aziz Bouhaddouz scored an own goal, resulting in an Iran win. The last time a substitute did this was back in 2006 when Portugal's Petit against Germany. Despite not attempting a single shot in the second half, Iran was able to win off of this costly mistake, adding momentum to their team going into their next match against Spain.

Speaking of Spain, they faced off against Portugal, which was one of the most exciting matches of the day. Both teams are incredibly strong, but Portugal got off to a quick and easy start from a penalty goal from Cristiano Ronaldo. Although Spain took a 3-2 lead later into the game, a hat-trick by Ronaldo allowed the game to end in a draw. He has become the first player in history to score in eight consecutive major tournaments,

and the fourth player to score in four different World Cup tournaments (behind Pele, Uwe Seeler, and Miroslav Klose). As a result of this match, Spain has only won their first game twice in two of their last thirteen World Cup tournaments. In 2010, they lost to Switzerland first round, but won every following match to win the cup. Maybe they can emulate that this year.

France faced off against Australia and took it 2-1, which marks the fourth consecutive World Cup where they have won their first match. Australia, on the other hand, has lost four of their last five opening matches. Their only win came against Japan in 2006.

Argentina played Iceland today as well, and despite the expected Argentinian victory, a missed penalty by Lionel Messi in the 64th minute resulted in a draw. Although this may seem like a rookie mistake, Messi has missed four of his last seven penalties. Not only that, but he had eleven shots on goal throughout the match, while manager Jorge Sampaoli was blamed as well for not making appropriate substitutions and decisions. Iceland didn't even record a single shot

in the second half of the match, while Argentina recorded 16, so some improvements are definitely required. This is the first time Argentina did not win their opening game since 1990's loss against Cameroon.

Denmark and Peru faced off and Denmark came out victorious after a 59 minute goal by Yussuf Poulsen. This awarded them their fourth out of fifth first-game victories in the last five World Cups. Peru, on the other hand, has lost their last seven.

The final match of the day was Croatia vs. Nigeria, which ended in a decisive 2-0 victory for Croatia. An own goal in minute 32 by Oghenekaro Etebo along with a 71 minute goal from Luka Modrić gave Croatia their first opening game victory since their 1998 debut against Jamaica where they won 3-1.

Up next are Group F-H matches for matchday 1, which will then lead into the next part of the tournament. The next issue will cover up until the Round of 16, and the final article of the issue will cover the rest of the tournament. Go cheer for your team in the world's most popular sport!

Doug Ford Elected Ontario Premier, PC Wins Majority

Continued from page 1

However, the threshold can be modified by the legislature leaving the decision in Ford's hands. Andrea Horwath however was much less sympathetic being quoted as saying "The people gave the Liberals seven seats, that's what they have in the legislature and that's what they're going to have to deal with".

In addition, the Liberal party will need to find an interim leader to replace Kathleen Wynne who resigned on election night. The process has been started, but candidates have yet to declare themselves. An election of an interim leader is a decision of Liberal caucus members, riding president for ridings without representation in the legislature and executive members of the Liberal party. The Green party of Ontario

achieved success, winning a seat in the legislature for the first time. The Green party needs to take advantage of this win and identify one or two other seats in the province. The ideal position for the Green party is to hold the balance of power in a tight election, similar to the position the Green party of British Columbia.

By conventional wisdom, Justin Trudeau should be quite happy right now as the

federal election often goes the opposite way of the Ontario election. With all being said and done, there are municipal elections coming up in the fall. Register to vote as these elections impact our daily lives the most. Public transportation, garbage collection and especially as students building development (because who wants to live in a hotel for their first term). Register to vote!



A TRADITION CONTINUES

ENGINEERING DAY

JULY 13, 2018

HOSTED BY ENGINEERING ALUMNI RELATIONS

11:00 AM - 1:00 PM
COLOUR THROW AT NOON
CPH COURTYARD

- > Purple colour powder throw – wear a white shirt!
- > 'Boggan Burger BBQ / ice cream truck / cookie dough bar / popcorn
- > Dunk your prof. tank, inflatable games and photo booth
- > EngSoc Pinkie Purpling Station
- > EngSoc executives will get purpled for charity

FREE FOOD. NO KIDDING.

#WEARETHEENGINEERS

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WATERLOO | ENGINEERING
EDUCATING THE ENGINEER OF THE FUTURE



UNIVERSITY OF WATERLOO

Star Wars Episode MMXVIII.75

The Gay Awakens



KATIE ARNOLD
PRESIDENT

I hope all of you who had midterm week have emerged relatively unscathed, and those of you still in the thick of midterm season keep good spirits. I wish you the best of luck! In the aftermath of the tsunami of midterms, we continue bright and hopeful into the second half of the semester.

The Joint Annual General Meeting - June 23 6pm 2018 - ALL ENGINEERING STUDENTS ARE WELCOME!! (Free Food!)

Topics of interest include:

1. UWaterloo EngiQueers Affiliate
2. Board of Directors Restructuring
3. Friend of the Society Award
4. Orientation Week Stance
5. Sponsorship Adjustment
6. Dean's List Alternative System

The Deans List Motion recognizes the competitive nature of the current qualification system to achieve Dean's List status and requests the Engineering Society to propose possible alternatives that remove this unnecessary competition, as every other faculty's Dean's List determines entry on flat mark. Board of Directors restructuring looks at greater involvement from the Engineering Councilors and looks into policy loopholes and focuses on equal A and B Society representation. Full content on all agenda

items can be found at bit.ly/JAGM2018.

The motion I'm most excited for in this General Meeting is the UWaterloo EngiQueers motion "It's 20GAYteen Y'all" [Uwaterloo EngiQueers Affiliate]. This motion presents something we've been working towards for a long time - a self-governing and self-sustaining group who continues to receive financial support from the Engineering Society. This is a model that has worked excellently for affiliate groups The Iron Warrior and With Respect to Time. It also sets up EngiQueers as the Official Society Representative of the Waterloo Engineering Society to the EngiQueers Canada organization. Come out and see history made, (and eat free food!)

Other opportunities to be more in-

involved with the Engineering LGBTQ+ community include attending Toronto Pride! Hurry to get your tickets for the bus, they can be purchased for \$20 in the EngSoc Office, CPH 1327. You can walk with me and The Ridgid Tool in the Toronto Pride Parade! See you all then!

I'm always happy to work with Julia Reinstein as the Spring 2018 Chief Feedback Officer. She will be collecting feedback on the Engineering Society Executive and the events conducted throughout the term. There are many ways you can provide feedback, including our new feedback form; bit.ly/FeedbackS18. If you have any questions or want to explore other feedback avenues, you can reach out to Julia at cfo.b@engsoc.uwaterloo.ca.

Stress and Perspective

A Commentary + Update



BENJAMIN BEELEN
VP ACADEMIC

With midterms behind us (well some of us) and the term in full swing, things can begin to feel overwhelming and difficult. I always find that the week before and two weeks after midterms are when I feel the most stressed. Either by not having enough time to do seemingly endless labs, assignments coming out of the woodwork, or just the build up of it all, there is no doubt that things can be stressful.

What I've come to realize as an "upper year" student, is that I'm not alone in this stress. During first and second year I felt very isolated with almost any problem I had. I especially found assignments discouraging because I wouldn't be able to do the entire thing, and then beat myself

up for it later thinking that I was below par and that I wouldn't pass the course. The first step for me at least was realizing that I wasn't alone and that often the parts of assignments that I had trouble with, many others had trouble with too. In fact I think the phrase "you are not alone" is something that can be applied to many aspects of University life at Waterloo.

Unfortunately the phrase in itself doesn't mean anything. The fact that others are like you can't solve a problem; but it does provide perspective. Things can seem extremely overwhelming, and this overwhelming can and usually will lead to isolation. But something that brought me out of this mindset was the quasi empathy that yes things are hard right now, but you're not alone in this difficult time.

Taking a step down from my metaphorical soapbox, time to get to other VPA things. My meetings have started! I've attended a CEC, CSCx2, EAC, ECC

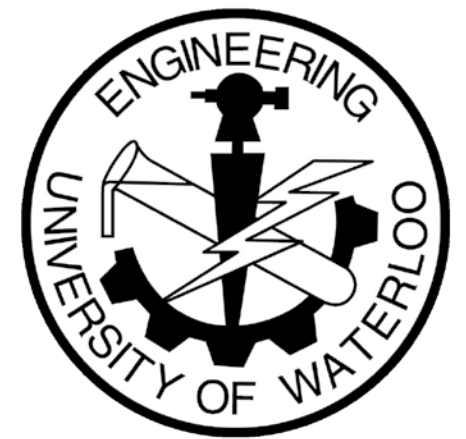
and CWG meeting so far, for acronyms please feel free to ask me because it takes too much space to spread them all out, but they range from PD to Co-op and even O-week.

First off, the soft deadlines idea of new PD's would be marked, and feedback released after the hard deadline. This is to ensure that students can't share feedback with others to know what the markers were looking for, and that it gives the TA's a schedule on when/how to mark things. WatPD is confident that they will not assign questions within these soft deadlines that are directly dependent on the feedback of another question.

Co-op interviews are in full swing. We set a record breaking number on June 5th of ~1600 interviews in a day which is mind blowing. Also some positive news of last semester, 97% employment at the closing of the term! Remember that you can check on these stats by going to the "Co-op Employment Rates" webpage of

the uwaterloo website!

Finally some O-week talk, I don't think I'll ever write an article that doesn't have O-week in the body. It is an unfortunate truth that the future of O-week is unsure. Talks are still on the table, but there may be a referendum in the fall that will enact the full fall reading break if passed. Expect more soon.



Upcoming Events Calendar

Wednesday June 20	Thursday June 21	Friday June 22	Saturday June 23	Sunday June 24	Monday June 25	Tuesday June 26	Check out up-to-the-day event postings on the EngSoc website at engsoc.uwaterloo.ca/event-calendar/
Council Meeting #3 5:30 - 7:30 PM RCH 302 WiE: How to Apply to Your First Real Job 5:30 - 7:30 PM RCH 306	Charity BBQ! 11:30 AM - 1:30 PM CPH Foyer Summer Photos with The Tool 11:30 AM - 1:30 PM Meditation With Mental Health 4:30 - 6:30 PM POETS	Exam Bank Submissions Due! Semi Formal 8:00 - 11:00 PM Wilf's		Pride Parade	Blood Runs 5:30 - 7:30 PM CPH Foyer EngiQueers 6:00 - 9:00 PM POETS	Continuous Resume Critiques 6:30 - 8:30 PM RCH	
Wednesday June 27	Thursday June 28	Friday June 29	Saturday June 30	Sunday July 1	Monday July 2	Tuesday July 3	
WiE Wednesday 5:30 PM - 7:30 PM	Charity Snow Cones 11:30 AM - 1:30 PM CPH Courtyard Genius Bowl 6:00 - 9:00 PM POETS	LAN Party 6:00 PM - 12:00 AM		EngSoc at Canada Day		Board Games 5:00 - 7:00 PM POETS	

I Ship You Ship We All Ship For Sponsorship

Deadline for Proposals is June 23rd



LIAM YEATES
VP FINANCE

Hello all, It's that fun and fantastic time of year, funtastic if you will. You know it, I know it, it's time to get your sponsorship requests in. So if you are or know someone who is a member of a student team get your sponsorship requests

in if they are not already. You can use this to get more money to build cool things. This is a great opportunity for student teams both old and new! Sponsorship can really help get a student team off the ground or over the finish line come to engsoc for help and money. To apply for funding go to the engsoc website (www.engsoc.uwaterloo.ca) and head on over to that fancy Finance tab. Under Finance you can see the sponsorship option. That should take you to the sponsorship page

(www.engsoc.uwaterloo.ca/services/sponsorship-2) and fill out the form. From there it'll be processed and you'll get a time to present your case for why you deserve the monies. Then the committee, that was selected during the last council meeting (council meeting 2), will decide how to distribute the money. After that we will contact you about the results. Now to fill my word count, here are some carefully curated sponsorship jokes and puns:

Welcome to the VP Finance portfolio, where everybody *counts*.

How does Santa come up with the cost for his sleigh for sponsorship? He uses *net present value*.

Honestly it was way harder to find jokes on sponsorship then I initially anticipated. I thought that this would be a lot like building a ship, a veritable sponsorship (get it...). Anyway, I'll see you all next time or whenever you come into the office and I'm there or whatever.

Woah, We're Halfway There!

Semi Formal, Pride Parade, and Purpling More Exec



ASHLEY CLARK
VP STUDENT LIFE

Hi everyone, I'm back again! I hope school has been going well over the past few weeks. As we near the halfway mark of the term, one thing that is on my mind as well as everyone else's is probably midterms. Whether you have a full week of midterms or have them spaced out over the entire term, midterms can be a

stressful time. I want to take this opportunity to remind everyone that while understanding course content is important, midterm grades are only a number. Your worth is not defined by the number you receive back on that page, and no mark in any course should ever come before your own wellness and mental health.

With that in mind, I know that many of you may have just finished your midterm week. Congratulations! Now is the perfect time for you to de-stress with some quality time with your friends and peers. The perfect place to do that is our

Semi Formal dance being held on June 22 from 8pm to 11pm. Come join us at Wilf's for a Hawaiian Luau of the ages! We will have lots of food, a fantastic DJ and a great photo setup.

If that doesn't sound like your cup of tea, join us as EngSoc takes on Toronto Pride on June 24! Tickets are available in the EngSoc Office (CPH 1327) for \$20, which will provide you with transportation to the parade. (You could also join us for both events, for a very fun-filled weekend!)

Finally, an update on Engineering

Day! I HAVE BEEN PURPLED!!! Thank you to everyone who has supported our Pride Month awareness campaign for the Trevor Project. At the time this article was written, we have raised \$920 and with an additional \$80 you will get to see our amazing VP Communications Grant Mitchell join me in being fully purpled!

Please consider donating to our campaign in support of mental health services for LGBTQ+ youth at:

www.gofundme.com/bsoc-exec-gets-purple.



University of Waterloo, Engineering Society Media

EngSoc at the 2017 Pride Parade! Tickets are only \$20 if you want to go this year!

ESSCO ESSCO ESSCO

A New Year, A New Team, A New Perspective



GRANT MITCHELL
VP COMMUNICATIONS

If you haven't noticed, my articles have a pretty common theme of communications and if we're being honest there's way more to come over the rest of the term. This issue, I'm writing to you from the Engineering Student Societies' Council of Ontario's (ESSCO) Annual General Meeting (AGM) at York University.

ESSCO AGM is a conference that happens once a year that brings together engineering students from across the province to collaborate, learn and network. This year the organizers here hit it out of the park and impressed everyone in attendance! Sessions included discussion on diversity and event planning, and Waterloo's delegation soaked it all up and represented all of you extremely well.

AGM is also an opportunity for the new Vice President Externals from each society to meet and prepare for the next year of decision, discussions,

development. This year's team is great bunch of people that has great potential to make positive change in the organization and they are already to get going. This year, the team is looking to focus on mental health, student outreach, and youth engagement. I encourage you to reach out to me if you want to learn more about this year's goals.

This conference is also where the new executive team of ESSCO is elected. Which includes the President, and the Vice Presidents of Finance and Administration, Communications and Services. This year two new positions

were also introduced and included the Provincial Councilor whose job is to help guide the council over the coming year. We also introduced a new Ontario Engineering Competition Advisory Board representative who will speak on behalf of ESSCO to the Board and advise on steps going forward.

If you ever want to learn more about ESSCO or have any thoughts or concerns you'd like to bring to my attention, please feel free to reach out to me. I love talking about ESSCO and I would be more than happy to answer any questions you may have.

Point Vs. Counterpoint

POINT

SAMRIDHI SHARMA
3A CHEMICAL

We live in a world where, with so many alternatives present for so many different things, it is almost inevitable to fall into a deep debate about which alternative is better. For example, the age old debate of ‘Are wooden pencils better than mechanical pencils?’ has still not been settled and because of the reasons I will elaborately list in the coming few words, my answer adamantly remains, “No!”

Remember, as a kid when you would use those Hello Kitty or Spiderman pencils which filled your heart with inspiration to be the best person that you can be as a grown up? The kind where you would have to pull out the lead that was blunt and then insert it through the back of the pencil to reveal a fresher, sharper lead? Do you remember when those pencils completely fascinated you and you refused to write with those old-timey wooden pencils? Well, your Hello Kitty pencils are old-timey now so why are you going back to the wooden ones? They are even old-timey-er! In fact, the wooden pencil has been in existence since the 15th century and the mechanical pencil only came to be around the 19th century. You don’t still believe that the brick of a mobile phone that Chandler carried in the second season of Friends is a better phone than your iPhone X, do you? No? Then get on with the times and get a mechanical pencil!

The debate over which pencil is better is one that has existed for a long, long time – since I was in middle school. Spoiler alert, mechanical pencils always won. The reasons are very simple. Wooden pencils are very high maintenance. If you want them to give you fine lines, or you want to show off some calligraphy skills, you can’t do that before sharpening the pencil to a point. And the sharpening part isn’t even the worst- try going to the trash can in the front of the class while the professor is teaching, it’s not pretty. Also, why do I need to lug around another accessory for my cheap wooden pencil. Why am I investing in a pencil that requires me to buy a plastic sharpener that I will inadvertently lose within a week? Doesn’t it cancel out the whole environmental friendliness of the wooden pencils?

So, here’s the answer to all your prayers – mechanical pencils. While

Mechanical Pencils vs. Wooden Pencils

HASAN AHMED
EDITOR-IN-CHIEF

Wooden pencils to me are like the sturdy phones of the twentieth century that no one seems to use anymore. However, I’m going to defend them in this PCP and explain how they’re not a really old bulky antenna phone, but perhaps a flip phone that may still have some uses in today’s societies.

Wooden pencils, first of all, are more sturdy and rigid in terms of graphite. Back when I was in elementary school, I would sit at the table with my classmates and watch a few students use the mechanical pencils. Back then, our hands were much less dextrous and we could barely colour inside the lines. We were rougher with our hands, and wooden pencil’s graphite could take it. I would frequently observe my classmates continuously breaking their lead because they were pushing too hard. Since we could barely handle crayons, introducing mechanical pencils to a young child seemed like a bad idea from the start. Speaking of graphite, the wooden pencil generally has a wider cylinder of material inside the pencil, whereas the mechanical pencil has around 0.5-0.7mm standard. This allowed you to have more control over the pencil you were using by sharpening it to the sharpness you wanted, since you would require different pencils for different widths for the mechanical variety. Not only that, but I’m sure you all remember trying to sharpen your wood pencils extremely carefully so that the pencil shavings could all be kept in one strand which you could then show off to your friends. You can’t get that same quality of entertainment from mechanical pencils.

The protrusion of graphite from the pencil also matters quite a bit for artists. Angling wooden pencils on the side could allow for different tones and widths of strokes, adding variety to your masterpieces. This isn’t possible with mechanical pencils, which is why some artists may use both types instead of only one. This allows for more efficient blending of the shades in your drawings, and less rough lines created by mechanical pencils. You could also have various wood

pencils with varying thicknesses, just like the mechanicals do, in order to satisfy a wider range of tones and lines for your drawings. Bulk mechanical pencils are more expensive, and thus wooden pencils can be purchased for really cheap to get more pencils to obtain this wide range of tones as well as have many extras. Some mechanical pencils have plastics in them too, whereas wood ones would be save for the environment if recycled properly, so they’re the green choice to.

As mentioned briefly above, you require different graphite widths for mechanical pencils, which gets annoying when you have to replace them either through the top or the bottom. If you’re not dextrous, this can prove to be challenging. Even worse, it seems like you always run out of graphite during an evaluation, and the nerves cause you to start rushing to replace it, but they might actually hinder your progress due to your shaky hands. For wooden pencils, you would only have to sharpen your pencils, and using the sharpeners which have the built in shaving-catchers, it makes your life easy with quick disposal. Speaking of finals, I’m someone who does not like when people make noise during finals. Wooden pencils do not squeak, whereas some mechanical ones do when you press the button to extrude more graphite. I’ll admit this is a minor case, but any distraction during a final is a bad one.

Another surprising use for wooden pencils would be for spinning on your hands. This task is incredibly difficult, and with a more balanced writing utensil, you can do more impressive tricks due to the structure. Wooden pencils are already fairly uniform, but mechanical pencils sometimes come with that little plastic hook thing on the side. To make it balanced, you’d have to modify the pen, but this can simply be bypassed by owning a wooden pencil and learning the tricks directly on it.

As a final disclaimer, I dislike the erasers on both types of pencils. I highly recommend using external rubbers to fix any mistakes you’ve made (I’m partial to Muji). Besides, all pencils are inferior to pens anyway, but let’s save that for another PCP.



Knulclunk via Wikimedia Commons

Deconstructed mechanical pencil, fun for engineers!

Editor’s Note:

Point Vs. Counterpoint is a feature meant to stimulate discussion on thought-provoking topics. The views and opinions expressed here do not necessarily reflect those of the authors, *The Iron Warrior*, or the Engineering Society.

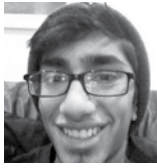
COUNTERPOINT



GranthWeb via Flickr under CC BY-SA 2.0

You can’t get this with a mechanical pencil!

Microsoft Acquires GitHub for \$7.5 billion



HASAN AHMED
EDITOR-IN-CHIEF

Software developers around the world were presented with the news of technology giant Microsoft acquiring GitHub for \$7.5 billion in Microsoft stock. The deal closed on June 4, 2018, and shook the tech world at its roots. Satya Nadella said in a statement on Microsoft.com that, “Microsoft is a developer-first company, and by joining forces with GitHub we strengthen our commitment to developer freedom, openness and innovation ... We recognize the community responsibility we take on with this agreement and will do our best work to empower every developer to build, innovate and solve the world’s most pressing challenges.” So far, all the developers on the GitHub team will not see a change in terms of production, but Microsoft Vice President Nat Friedman will take over Chris Wanstrath’s role of GitHub CEO. Wanstrath will become a Microsoft technical fellow, working on strategic software initiatives.

The acquisition has left many software developers and GitHub users skeptical of

Microsoft. Rivals of the version control hosting service such as GitLab, BitBucket, and SourceForge all saw a rise in the number of repositories on their respective sites. Fears emerged from Microsoft’s past purchases of Skype for \$8.5 billion, Nokia’s handset business at €5.4 billion, and LinkedIn for \$26 billion.

Skype was purchased in 2011 and was slowly integrated into Microsoft’s own services due to the transaction, which was a good move in hindsight, but Skype’s consistent problems as a web-based video chat service were irritating, especially since nowadays people can use Google Hangouts or even Discord, which is much more widely used in the gaming community now that it has video calling features.

In 2011, Steve Ballmer (CEO of Microsoft at the time) and Nokia CEO Stephen Elop announced a partnership to adopt the Windows Phone as the official phone for the company. Nokia was number one in phone sales that year, but fell to tenth after 2013. Sales fell quickly for Windows phones as Apple began to take off as well, and in 2012 the company announced 4000 layoffs to move assembly closer to Asia. By the end of 2013, 24,500 employees were laid off, and Microsoft took a lot of the blame. However, the purchase of

Nokia by Microsoft still occurred in 2014, but left many consumers skeptical, and provides good precedent to what could potentially happen with this GitHub acquisition.

LinkedIn was purchased in 2016 to also integrate it better into Microsoft’s products. Although this site was not “messed up” by Microsoft, the fact that it is in the hands of the big company leaves many unsure of the future of the site. It still has some issues, but nothing has destroyed the brand or the company. However, it is also a site with no major US competitors, so that could be the reason it still stands today as the top business-related site for networking. Seeing the history of the acquisitions, it makes sense that people are uncertain about GitHub being under Microsoft’s umbrella.

A lesser known acquisition from Microsoft was of Spotify in 2018, valued at \$41.8 billion. However, this was later revealed to be an April Fools prank as the article was posted at the beginning of the month by DigitalMusicNews, and even links to the Wikipedia page of April Fool’s day in the article.

GitHub began in 2008 in San Francisco, and quickly rose to hosting 1 million repositories by July of 2010. By 2015, they

were already valued at around \$2 billion. Some say Microsoft overvalued GitHub by a few billion dollars, but it might have been worth it in the long run.



Tarek Guez-Guez via Wikimedia Commons under CC 4.0

Microsoft Lumia 800; the first Nokia device to run on the Windows Phone OS

E3 Recap: Sony, Microsoft, and Nintendo

Highlights from the Companies at the LA Conference



HASAN AHMED
EDITOR-IN-CHIEF

One of the largest expos of electronics was held in Los Angeles this year. The Electronic Entertainment Expo of 2018 was held in Los Angeles this year from June 12-14, and was a massive success. I will focus on the big three gaming companies (Sony, Microsoft, and Nintendo), but that won’t cover everything about this year’s expo. For more details about the event, check out www.e3expo.com. Note: all prices listed in this article are in USD.

Let’s start with Sony. The company hit a bit of a rough patch after receiving backlash when they announced that Fortnite cross-play between other consoles would be blocked, whereas PC, Xbox, and Switch players could play together. A Sony representative answered the players, “We’re always open to hearing what the PlayStation community is interested

in to enhance their gaming experience ... we’ve built a huge community of gamers who can play together on Fortnite and all online titles. We also offer Fortnite cross-play support with PC, Mac, iOS, and Android devices, expanding the opportunity for Fortnite fans on PS4 to play with even more gamers on other platforms.” Unfortunately, this doesn’t change the issue for those who started Fortnite accounts on their PlayStation, as migration of data is now impossible.

Despite this bump, Sony still showcased excellence at E3, included a Last of Us Part Two gameplay trailer, which was long anticipated. Other games included Beat Saber, Ghost Giant, Twin Mirror, Ghost of Tsushima, and many other games. Deals on consoles and titles were also announced. The 1TB PS4 Slim was now being marketed at \$300, and the PS4 Pro 1TB was dropped from \$400 to \$350. Dualshock 4 controllers are now going for \$40 instead of \$60, and there were various reductions on PlayStation VR setups. God of War is being sold for \$50, with a

collector’s edition at \$120. Along with many physical and digital games, Sony also announced they would be offering a 12-month PlayStation Plus Membership for \$50. For more coverage of their expo, check out www.playstation.com/en-us/e3.

Microsoft’s E3 has always seemed to be less intriguing than the other two companies in my opinion, but that’s not to say it wasn’t good. Gears of War 5 was announced, which is HUGE news for long time fans of the series. Battlefield V and Forza Horizon 4 were also shown at the expo, along with NieR:Automata™ BE-COME AS GODS Edition, Just Cause 4, Devil May Cry 5, Halo Infinite, Cyberpunk 2077, and many other games, setting the line up for a fantastic showing of games for the Xbox consoles. The biggest news by far was the teasing of the new Xbox consoles, where Phil Spencer, head of the Xbox brand, who spoke about it during a company briefing. The Xbox One X already outperforms the PS4 and PS4 Pro, but that’s only in terms of looks and graphics. Players buy games for gameplay, and

with a new console, along with all the titles recently mentioned, Microsoft can really push themselves up to the top of the gaming market. During E3, the company also announced various sales across peripherals, games, and consoles, but by the time this issue is out, they will have ended. So if you’re reading this and you’ve invented time travel, go back to the week of June 7-17, 2018 to save some money. For more information about Microsoft’s E3 presentation, visit www.xbox.com/en-CA/e3

The biggest thing Nintendo fans were anticipating this year was the gameplay showcase of their new Super Smash Bros. title. Eight players ranging from the Melee and Smash 4 competitive scenes were invited to take part in a tournament to show the new game off, which was titled Super Smash Bros. Ultimate. The tournament went to Gonzalo “Zero” Barrios, who was also the winner of the Smash 4 invitational back at E3 2014. Sakurai, game director for the Super Smash Bros. series, also made a surprise appearance at the stage. The game has brought back all of the characters from the past games, which amounts to more than 60 characters. Some old faces were brought back, including Snake and Ice Climbers, while new faces emerged unexpectedly. Ridley, the character who players joked about not being in Smash 4 for being “too big” makes his debut in the newest game. I’ll let this make up for the fact that no Metroid Prime 4 gameplay was shown this year. Along with the release of the game on December 7, 2018, Nintendo has also planned to release GameCube controllers, which can draw a lot of competitive players to the game.

Apart from Smash, games were announced across the board, including Fortnite for Switch (which was releasing the same day, Octopath Traveller, Daemon X Machinima, Xenoblade Chronicles 2 DLC, and Super Mario Party. For more details on these games, as well as many other announcements, check out e3.nintendo.com.

E3 marked another great success this year for players across the world, and with multiple titles across the board, I’m sure all our wallets will take a massive hit this holiday season.

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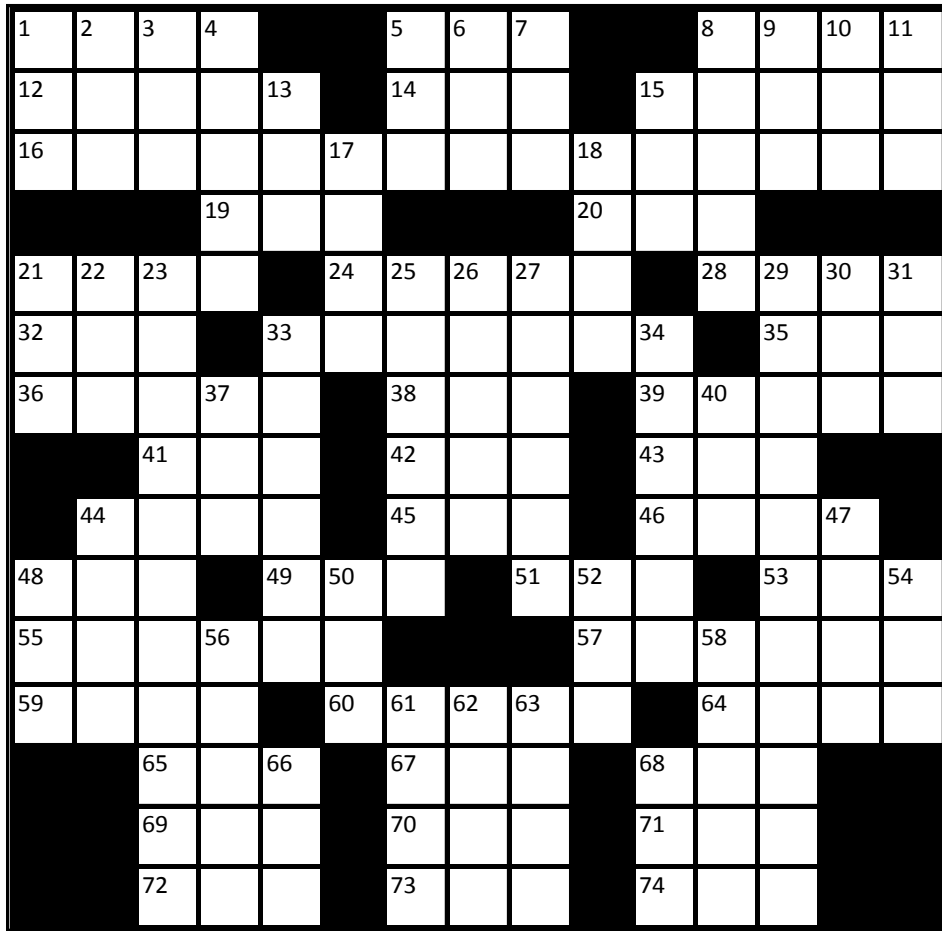
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The Iron Crossword

Ancient History

CAMERON SOLTYS
MECHANICAL '18



ACROSS

- 1: Favourite companions eternally (abbr)
- 5: Termination
- 8: Gadgets and electronic gear
- 12: Cause joy
- 14: Bovine sound
- 15: Author of poem "The Raven" (3 wds)
- 16: Military tribunals against Nazis (2 wds)
- 19: Fish eggs
- 20: Top level domain initially for non-profits
- 21: Scheme
- 24: Student, car, and bank, for example (plural)
- 28: Affleck film about Iranian Hostage Crisis
- 32: ___ Rand, Russian novelist
- 33: Primary chemical reagent in cellular respiration
- 35: Largest geologic time period
- 36: Islam's most sacred city
- 38: Point, especially of a pen or pencil
- 39: Large, cylindrical type of pasta
- 41: Standard size for storing discrete numbers (abbr)
- 42: Preceding FGH

DOWN

- 43: Female gametes
- 44: Filled with thieves and criminals
- 45: Program to help non-native speakers learn English (abbr)
- 46: ___ Armstrong, famous for walking
- 48: In Catholicism, a wrongful act or thought
- 49: Primary vehicle used by GRT
- 51: Quintessential example of "blue"
- 53: "From ___ to shining ___" (same word twice)
- 55: R-CH3
- 57: One who entertains
- 59: Certain
- 60: Cancel, especially an ongoing process
- 64: Used to gather leaves
- 65: Bobby ___, hockey player
- 67: Metal-containing rock
- 68: Greek god of nature
- 69: Extinct New Zealand bird
- 70: Grassy field
- 71: Building of Tim Horton's and Subway (abbr)
- 72: Winter time zone of Waterloo (abbr)

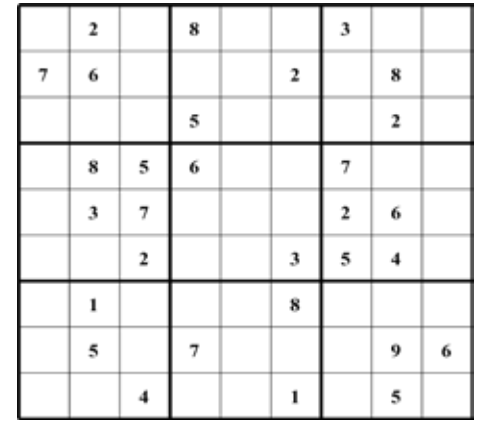
- 73: A spinning child's toy
 - 74: Take advantage of
- DOWN**
- 1: ___ 10, TV show about alien-impersonator
 - 2: Annual disease with annual shot
 - 3: Distant
 - 4: Rear, especially of a boat
 - 5: Australia's ostrich
 - 6: Neither this ___ that
 - 7: Man's best friend
 - 8: World's largest land biome
 - 9: US agency tasked with regulating human ecological impact (abbr)
 - 10: Lowest point in a ridge between two mountains
 - 11: ___ the horse's ass!
 - 13: Rock genera focusing on confessional lyrics
 - 15: "To ___ is human, to forgive divine"
 - 17: "The ___ tolls for thee!"
 - 18: Throw casually
 - 21: HR rep of TV show "Archer"
 - 22: Added to fat to make soap
 - 23: City of the Forum and Colosseum
 - 25: Archaic equivalent to grams
 - 26: Have PH less than 7
 - 27: Most prestigious prizes in science (informal)
 - 29: End of the European Middle Ages
 - 30: Short for "polygon"
 - 31: Singular
 - 33: Jay ___, fictional millionaire
 - 34: Person after whom a discovery is named
 - 37: First 24 hour news channel
 - 40: Companion of Wall-E
 - 44: Latin for "god"
 - 47: ___ and potato soup
 - 48: Text messages (abbr)
 - 50: Aerospace conglomerate of Lockheed and Boeing (abbr)
 - 52: Kit-___, chocolate bar
 - 54: "We ___ the engineers!"
 - 56: Spiderman, Superman, the Grey Pilgrim, and Armsmaster
 - 58: Mountain range separating Europe from Asia
 - 61: Lightning ___
 - 62: Triple-layer cookie
 - 63: Harvest, especially grain
 - 66: Plague vector
 - 68: Converts AC to low-voltage DC in a PC (abbr)

Sudoku

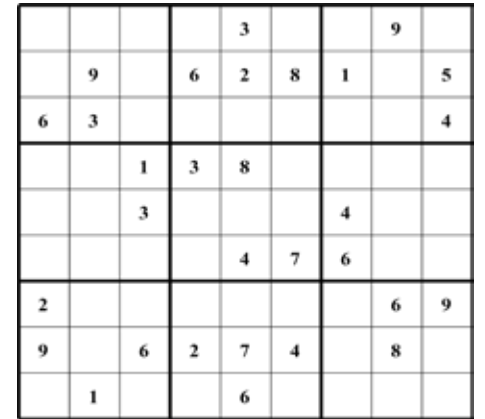
#2018-08

HASAN AHMED
EDITOR-IN-CHIEF

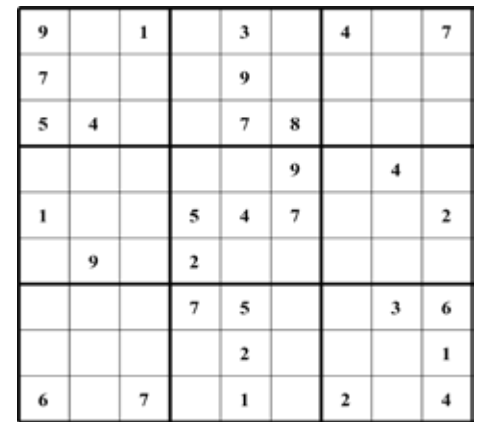
Aced the Midterm



Probably Passed



Failed the Midterm



Solutions for previous crosswords can be found on *The Iron Warrior's* website at iwarrior.uwaterloo.ca/distractions.

THE IRON INQUISITION
Gabrielle Klemt - 3A Geological

"Who Are You Cheering For This World Cup?"



"World What?"
Jen and Nikki, Grad and 4A Biomedical



"Deutschland, jah!"
Gabrielle, 3A Geological



"I don't know anything about it, but Vas-y France!"
Hannah, 3A Environmental



"Germany!"
Daniela, 3A Environment



"Go Sports!"
Rowan, 3A Environment



"Would be for the Netherlands if they were in it, but..."
Derek, 1B Mechatronics