

im print

PLANE CRASH VIGIL

Members of UW community come together to honour and grieve the lives of those lost on Flight PS752. P2



FOOD INFRACTIONS

University Plaza continues to plague students with health infractions. P3

FOOD REVIEW P5

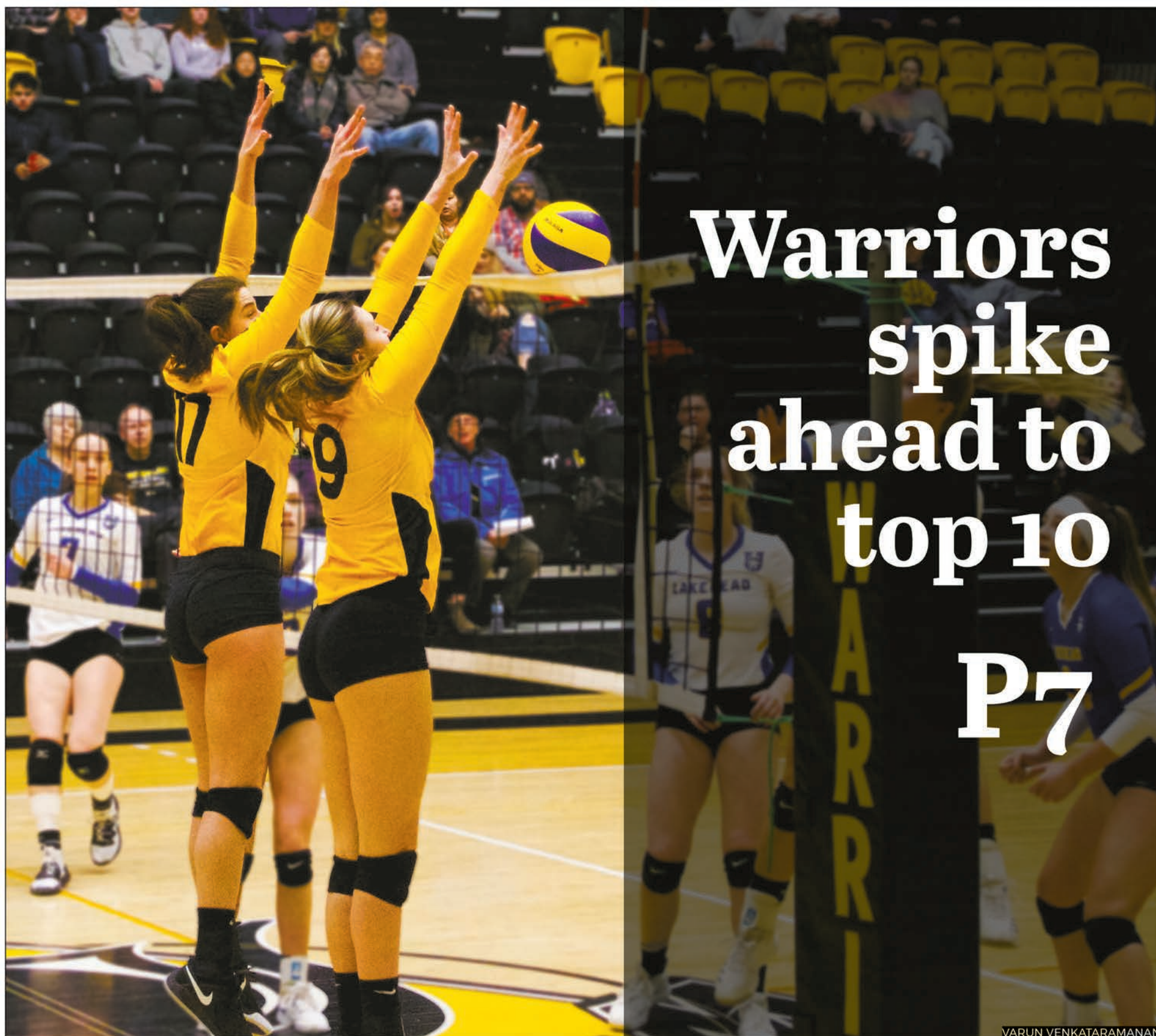
Special curated food review of Abe Erb for you and your special someone.

FROM 4G TO 5G P8

5G technology brought to UW by Rogers Communications.

BLACKBERRY X UW P8

Blackberry and UW jointly work to develop an innovation lab.



Warriors spike ahead to top 10 P7



Sounding the climate ALARM

Climate justice demanded for Wet'suwet'en people

Jansher Saeed
Editorial Assistant

With the world ticking towards a climate-changed future, climate and indigenous rights activists came together to organize the ALARM climate strike at THEMUSEUM in Downtown Kitchener.

Hosted on Jan. 17, 2020, the strike followed an appeal made by Wet'suwet'en hereditary chiefs in B.C. to the United Nations to monitor the RCMP, government, and Coastal GasLink's (CGL) actions on their traditional lands.

"It's outrageous, and we should be horrified and angered by this. It's a huge betrayal. It violates the Canadian constitution. It violates international law. It violates Wet'suwet'en law," said Kai Reimer-Watts, co-founder of Better Creative and Ph.D. student in Community Psychology at Wilfrid Laurier University, at the strike.

As the Mounties increase their presence on traditional Wet'suwet'en lands, set up checkpoints that limit access to a service road leading into the region, and restrict media access on the events transpiring, concerns and speculations regarding the RCMP's actions on the traditional lands are being raised.

"The last time the RCMP set up an exclusion zone, the RCMP was given leave to use violence against unarmed people. This is horrific a betrayal," the Facebook page, Fridays for Future - Kitchener/Waterloo, read regarding the ALARM

strike.

The strike began with speakers Reimer-Watts and Lori Cambell, Director, Shatitsirótha' Waterloo Indigenous Student Centre, and a person who looks after the Indigenous Studies academic programming at St. Paul's University College.

"I think it's really important that people are aware of these types of things that are going on and how they influence other Canadians," Cambell said.

Cambell also criticized the representation of indigenous communities in media and everyday rhetoric.

"Somehow, all of a sudden, the narratives get spun when it is indigenous people protecting their land and their indigenous rights than when other people, other Canadians protect their territories and their rights," Cambell said.

The strike emphasized climate justice as an instrument of fighting climate change and therefore, Wet'suwet'en concerns were backed by climate activists and various members of the KW community during this strike.

"We need to stand in solidarity with our indigenous brothers and sisters around the world for justice and a just transition to a safe climate future for all, humbly learning from thousands of years of history and knowledge that have taken place here," Reimer-Watts said.

The strike also celebrated the unveiling of THEMUSEUM's new exhibit titled "ALARM - Responding to our climate emergency" — the name of which inspired the

name of the climate strike.

At 12:15 p.m., THEMUSEUM unfolded their new exhibit banner.

"THEMUSEUM looks to use its stage to shine a light on the efforts being done to help conserve a natural climate and make transformative connections to what individuals, corporations and governments must do to chart a new course of optimism for the future," as stated by the THEMUSEUM's website description regarding the exhibition.



Reimer-Watts speaks at the solidarity protest in front of THEMUSEUM.



Lori Cambell, Director, Waterloo Indigenous Student Centre, leads song at ALARM strike on King Street.

PHOTOS JANSHER SAEED

Rampant health violations at plaza

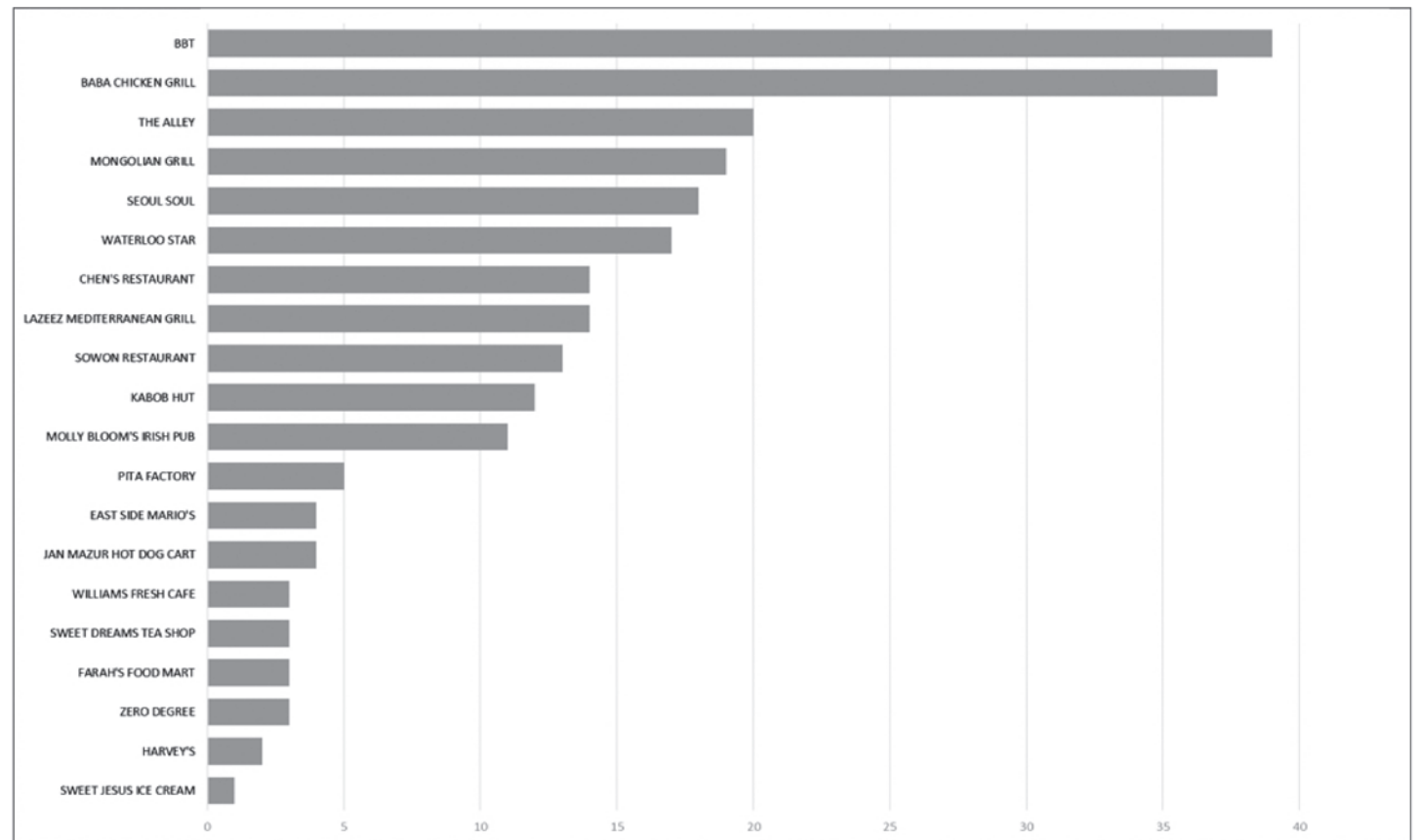
Suhani Segal
News Editor

Only Fresh Burrito, Kick-Off Sports Bar and Toast Delight went all of 2019 without a health violation at Campus Plaza. The latest sweep of health inspections revealed just how wide spread the problem is.

Sharetea, a famous bubble tea shop located on Phillip Street, topped Dinesafe Waterloo's latest naughty list with eight health infractions, out of which two were categorized as critical.

Dinesafe, Waterloo's regional health inspectors, conducted checks for infractions in eating establishments around the Campus Plaza area between Dec. 16 and Dec. 27. Approximately 6,000 checks are conducted in a year and products are seized and destroyed based on an assessment done by the inspector.

On Dec. 19, 2019, during a check, health inspectors found that the employees at Sharetea do not comply with the adequate dishwashing and storage techniques, thereby compromising on safety guidelines and serving food that may or may not be contaminated or adulterated. Health inspectors conducted a check at King Tin on Dec. 20, 2019, and found a total of seven infractions, of which five were deemed critical and two were corrected during inspection. Lacking in proper storage techniques and handling of frozen foods, the restaurant also did not follow the prescribed usage of toxic substances. Another check conducted on Jan. 12, 2020, led to the discovery of four crit-



Bubble Tease and Baba Chicken Grill had the most health violations at Campus Plaza in 2019 according to DineSafe Waterloo.

ical ones and six non-critical infractions. However, during a subsequent re-inspection on Jan. 14, inspectors could only find one non-critical and one critical infraction. Critical infractions found at Lazeez, a students' favourite, and Molly Bloom's Irish Pub, were similar to those found at Sharetea.

With three critical infractions, Asakusa, a ramen restaurant, is not in compliance with safe food processing and adequate storage of hazardous foods. Products were also seized and destroyed by health inspectors. Mr. Yin, a Chinese restaurant located near Pizza Nova, comes at the bottom of the list

with two critical infractions; one regarding storage and the other regarding cleanliness of surfaces where food is kept. The second infraction was corrected during inspection. In August and September last year, health inspectors visited Mr. Yin and both visits ended in the seizure of products.

UW arranges vigil in honour of Ukrainian plane crash victims

Jansher Saeed
Editorial Assistant

Dozens gathered at Federation Hall on Jan. 13, 2020, to grieve and to honour the tragic deaths of those on board the Ukrainian International Airlines Flight PS752.

UW students Marzieh (Mari) Foroutan and Mansour Esnaashary Esfahani, as well as alumnus Mojgan Daneshmand, her husband Pedram Moussavi, a former postdoctoral fellow, and their children were aboard that flight.

"Today, a nation grieves. Today across Canada, universities from coast to coast, including the more than 20 institutions that have been directly affected by the tragic events of Jan. 8," Vice-President, Universi-

ty Relations at UW Sandra Banks, and host of the event, said in her opening remarks at the event.

The vigil commenced with statements from Banks and UW President Feridun Hamdullahpur, acknowledging the grievances the UW community currently faces in regards to the recent event but also stressed that the UW community needs to come together more than ever.

"Know that the entire campus community has felt [the victims'] loss in the days since they left us. And so in the next few moments, we will grieve. We will offer our support. We will stand with families. We will bear this weight together," Hamdullahpur said.

The event also heard from Dave Jaworsky, who spoke on behalf of the Waterloo city council and behalf of Berry Vrbanovic, Mayor of Kitchener.

"As a University of Waterloo graduate, I've enjoyed many memorable and positive moments on the campus at this great school. Unfortunately, our gathering today is the opposite as we come together for an event, we wish was not necessary," said Jaworsky.

The event also heard from close friends, faculty and those fortunate enough to have met those killed in the tragic crash.

"They were certainly very talented, intelligent, bright Ph.D. students, but to us, to our community, they were much more than that. In this short period of time, I have heard so many wonderful things about them, but their sense of humour, creativity, energy, and how they brought joy to wherever they went," Hamdullahpur said.

After hearing the testimonies presented, musicians from Toronto played traditional Iranian music to honour the victims of the

crash.

At 1 p.m., the gathering participated in a nationwide moment of silence, joining with various universities and institutions impacted across the country.

President Hamdullahpur acknowledged that events have brought about a sad and challenging time for the UW community, including the student population. He is touched by the thoughtful messages and efforts of the students concerning the event and encourages students to look to each other in times of grief.

"We also recognize that they are hurting, and we don't want them to think that they're hurting alone, other people are here. One of the things that will help a little bit too, for us here is to continue talking about it until you remember them, and I hope they will do this," Hamdullahpur said.

?? ? Campus Question ?? ?

What are your thoughts on WUSA's welcome week?



**Taronish Kotwall, 1B
Health Studies**

"I think WUSA should plan more parties for their welcome week. I think if they did that it would make welcome week much more exciting. I feel like that is the main thing that was lacking in my experience at welcome week because if that had been there, I think I would have had the opportunity to meet so many more people."



**Tasmeen Purba, 1B
Health Studies**

"Definitely think better events would have helped. I wasn't really motivated to attend a lot of the events, I don't know, probably because they were not as appealing to me. Maybe they could ask students what kind of events they want for their welcome week, I think that would make a big difference. Other than that I had a good experience."



**Simran Dhillon, 1B
Management Engineering**

"I feel like more food or better food for welcome week would have been a good addition. I found that I didn't like the food as much and just having more variety and more options would have been nice. It would just have helped me enjoy the week a bit more."



**Saduni Sumith, 1B
Honours Mathematics**

"Food and opportunities to meet more people I think are big ones for me. For meeting people, I think events should be made in a way that students get to meet more like minded people. That way they can have a better chance of making better friendships. I don't think that many people I met in welcome week are still my friends or will be that close in the future."

**WUSA
executive
election
debate
on
February
3, 2020,
hosted by
Imprint.**

Is fire a major risk at student housing in KW?

**Jansher Saeed
Editorial Assistant**

The Waterloo Region raised concerns regarding the fire risks associated with student housing after 18 students were discovered living in a single-family home in Kitchener's Lower Doon neighbourhood in 2018. Although the situation appears to be disobedience of fire safety regulations by students, it may point towards a much larger issue of limited affordable student housing.

"As a member of the Town and Gown Committee for Kitchener, I have heard stories about some housing being at and above capacity for comfortable living conditions," Scot Wyles, president of Conestoga Students Inc. said in a press release.

The city classifies any home with more than four bedrooms as a lodging house — under city rules, lodging houses are to be licensed and have all of their occupants registered to the city. Any changes in the use or layout of the property will require the owner to get new building permits approved.

The issue can be traced to various cities experiencing shortages in affordable student housing. Take this case from the Toronto neighbourhood called the Village, a popular student housing community for students attending York University. Although rooming houses are not permitted in the North York region, landlords are still renting out rooms to students — rooms that often lack windows, solid doors and carbon monoxide detectors.

"We've had a number of fatalities over the last number of

years in rooming houses that did not comply with the Ontario Fire Code," Jim Jessop, Deputy Fire Chief of Toronto said.

Fire prevention typically operates on a complaint basis, the discovery of the 18 students living in an unlicensed home in the Lower Doon area raises concerns that there might be similar cases in the area.

"The overall intent of our staff is to ensure the use of a property is within the boundaries of what can be done legally and safely," Tom Ruggle, the Kitchener Fire Department's chief fire prevention officer, said.

Since the incident, KW is carrying out a planning study of the Lower Doon area intending to formulate a planning framework that accommodates both long term residents and students and encourages fire safety.

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Review: Abe babes square off at Abe Erb setting the mood for date night

Ahead of Valentines Day, Flori explores Waterloo region to find places curated for you and your special someone.



7 out of 10 spoons



Date-worthiness



4 out of 5 roses

Cyrus Fiori
Reporter

Hey food fans, Welcome to date night. Date night is the extravagant special reporting of adventures in romance by yours truly.

Let's meet our contestants. In one corner, bringing a cosmopolitan fashion sense like no other, flying in from Ottawa purely to kick butt and eat food, the fiend from the East (and the West), it's Spiders (not her real name). In the other corner, weighing in at none of your business, possessing a palate with deft precision and witty appeal, a hunk of AAA Alberta Beef, it's my Cy-Guy!

The night kicked off with a frazzled rendezvous courtesy of Uptown Waterloo's diverging Ion LRT line. After some romantic eye-gazing next to Uptown's travel-sized skating rink, we made our way to the trendy chemical engineering paradise known as Abe Erb. We were seated by our stylishly mustached server amongst stirred-tank batch reactors, temperature controllers, and more piping than you could shake a slide-rule at.

The ambiance was pleasantly warm and incandescently lit, offering much-needed refuge from the chilly night air. A raucous atmosphere, complete with hockey lingo ("get after it, bud"), cheerful laughter, and more mustaches, blanketed the space com-fortingly. We were served with slightly dishevelled beer menus, which, it should be noted, are reprinted daily to accommodate for the rapidly changing beer selections of-

ferred.

During brief pauses in our sparkling conversation, my date and I ordered drinks including the beers Das Spritzhaus Hefeweizen (\$5.00, 473 mL), Settle Down Coffee Pale Ale (\$5.70, 12 oz), and the on-tap pear cider (\$7.25, 12 oz). The pear cider was yummy from start to finish and was served in an appropriately pear-shaped tulip glass. The Spritzhaus offered a delectable fruity flavour, which strangely perfused my nose instead of my palate. Next time I'll try it in a Neti pot.

The Coffee Pale Ale was a unique curve-ball with a stratified flavour profile. A 70 per cent- 30 per cent split was noted with the taste and aroma of cold old coffee grounds on the top and beer on the bottom. While the morose coffee flavour provided nostalgia from my last degree, the two flavours didn't synergize and were clearly headed for a rough patch in their relationship. I tried to calm them down, but they turned on me, erupting in a bombastic coffee belch.

My date, unimpressed with my conflict resolution skills, turned to the food menu. We ordered the Cauliflower Wings with Pineapple Abenater sauce (\$13.50), the Soft Pretzel (\$10.00), and the Seasonal Cherry Pie (\$8.00) for dessert.

Now my date had the chance to partake in every young woman's ultimate fantasy: eating food in front of a man in a romantic setting. With the elegance of a Las Vegas magician, she employed sleight of hand to distract me time and time again, while morsels of food gradually disappeared from the plate between us. To this day, I have no idea

whether they evaporated, were eaten, or were never there, to begin with.

When I wasn't being hoodwinked, I had the chance to interview my palate's potential suitors. The Cauliflower Wings were of succulent size, firm, robust, and meaty. The hot sauce tasted of food-processed habanero with an innocent pineapple sweetness to soften the blow. The heat was at a great level and built up with each subsequent bite. Unfortunately, there were only a select few wings in attendance, not enough to satiate my appetite.

The pretzel was presented on a wooden plank, featuring a solid outer shell, wonderful temperature, and an excellently share-able size.

Upon opening-up during questioning, the pretzel revealed itself to be a bit of an air-head, with a texture that could have been a bit denser for a more satisfying bite. Backing up the pretzel were three mustards: Dijon, honey, and potentially Costco. The Dijon had a fantastically aggressive flavour profile, but the honey mustard sweet-talked my palate perfectly, stealing the show.

The Seasonal Cherry Pie gave me the cold shoulder, literally, as it was served at the temperature of my kitchen freezer. Its partially crystalized filling provided all the texture and romanticism of a snowdrift. It is well known in gastronomy that reducing the temperature of a given food item will dull its flavour. In this case, while the pie was suitably sweet, it wasn't very easy to gauge how sweet it actually was due to this temperature effect. In the middle of our interview, the cherry pie engaged in a woeful

faux pas by presenting a maraschino cherry still containing a pit. A great dark chocolate sauce was not enough to save this date, and my palate quickly vacated, muttering that it was its dog's birthday.

The service at Abe Erb is definitely worth mentioning. Our server quickly discerned the purpose of our visit and treated us accordingly. For the most part, he left us alone to our romantic eye-gazing, only appearing sparingly when required and immediately departing with a courteous quiver of his mustache. Our server confided that he would be able to split any bill any number of ways, a feat some establishments seem to still struggle within this day and age.

All things considered, Abe Erb is a great spot in Uptown Waterloo to get together. The food, service, and ambiance are fantastic for almost any occasion. As for the rest of my date, that's for me to know and you to speculate. You're really just here for the food reviews anyways.

Until next time, stay hungry, food fans.

Special thanks to Spiders for her help with this review.

A Note about Ratings: the Dateworthiness rating is different from our typical restaurant rating, which is based on food taste, texture, amount, price, service, and atmosphere.

The Dateworthiness rating takes into account different criteria including the presence of shareables, ability of the bill to be split, no-hassle service, romantic atmosphere, and unique appeal to either con-tender to determine the worthiness of an establishment for dates.

Believe It Or Not: mentalist and illusionist leaves his audience enraptured

Mid Welcome-Week, Wayne Hoffman creates a stir in the Theatre of Arts.

Gina Hsu
Managing Editor

Walking into the Theatre of Arts in the Modern Languages building always brings new experiences and this time, I was really left with a sense of wonder. Wayne Hoffman's illusionist and mentalist show "Mind Candy" is really a treat for the mind.

Back in my first year, I attended a maximum of two Welcome Week events varying from watching Single and Sexy to learning the Art Faculty's dance in this same theatre. The events made minimal impact on me, but it was a nice way to see what Waterloo had

offered. However, the show by Wayne Hoffman, organized by WUSA, has been one of my favourite Welcome Week events I've ever attended.

"I thought it was great," attendee Rosalind Wang said, "I'm pretty gullible, but I thought it was mind-blowing."

Initially, as I sat down, the theatre was filled with murmurs as fun facts were shown on the screen in the centre stage. Did you know that Hoffman lived next door to American rapper Snoop Dogg? I sure didn't. When Hoffman stepped out onto the stage, the crowd thundered and roared as excitement grew throughout the theatre.

Hoffman's first trick was one where he selected a member of the audience to go

through a dictionary and open a random page. The member then spoke her name and wrote down her page numbers on a whiteboard given. She was then given a balloon that had a sticky note inside. Jaws dropped, and everyone hollered as she the sticky note mirrored what she wrote down on the board.

As the night went on, volunteers for the show tried to confuse Hoffman by thinking of more words than necessary or different cards than they initially thought of, but all failed.

"I felt like an idiot when he knit picked things I was doing subconsciously," Malak Alrubale said in regards to a card-guessing game where Hoffman proved he could find people's card through certain tells they had.

"I didn't expect him to get it, I thought I could trump him," Alrubale continued.

Music started playing as Hoffman announced his final trick would answer the question of where does all the time go. "Time passes when you live life as a robot," Hoffman said as he pulled out an empty coke can, one which the whole audience saw him drink earlier on. He started to rotate his arms around the Coke as the can restored itself into a sealed can of Coke. "Imagination is extremely powerful," was his final words as the show came to an end.

Wayne Hoffman's show can be perfectly summed up by attendee Jasraj Sawhney: "My mind was blown away, I won't be able to sleep tonight."

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WORMALD KEEPS WINNING
 Second year swimmer Lukas Wormald continued his dominant season at the Toronto Invitational, winning gold in both the 100-metre backstroke and 50-metre fly, as well as bronze in the 100-metre freestyle.

Women's volleyball wins third straight



COURTNEY CAIRD

Jenna Gravina (left) and Claire Gange (right) combine for the dig against the Lakehead Thunderwolves. Gravina led the Warriors with 25 digs over the weekend.

Varun Venkataramanan
 Sports Editor

After a shaky start to the weekend's first game, the women's volleyball team rallied back, winning their next six sets over the weekend to secure two valuable wins over the visiting Lakehead Thunderwolves.

The wins give UW, the nation's new number 10-ranked team, 14 points, vaulting them up three spots and into third place in the OUA's West Division behind Western and Brock. They were also Lakehead's fourth- and fifth-straight losses, keeping

them at the bottom of the same division.

The women started the weekend with sloppy play, committing numerous unforced errors and surrendering an early 8 to 12 lead. A late surge brought them within two points, but Lakehead held strong, taking the first set 25-21.

Fortunately, the Warriors came out of the set break firing on all cylinders. Karen Fan put together an impressive serving run, winning seven straight points to give the home team a 15 to 5 lead and force Lakehead Coach Craig Barclay to take a timeout.

However, the break did little for the visitors, as the Warriors cruised to a 25 to 10 set victory and never looked back from there.

UW would take the next two sets handily by scores of 25 to 10 and 25 to 18 to earn the victory.

Sarah Glynn was undoubtedly the best player on the court, collecting 24 kills and 3 blocks to lead the Warriors. Claire Gange continued her strong season as well, racking up 37 assists and 10 digs.

The next day, the teams squared off again, and the women continued their domination from the latter half of the first match. UW took the first two sets 25 to 21 and 25 to 17 before following down 10 to 3 to begin the third set. However, the team rallied around Glynn's impressive hitting, coming from behind to earn a 25 to 21 victory.

It was a more balanced attack for the Warriors in the second match, as Glynn, Grace Crooks, and Mackenzie Vallee combined for 30 kills. Gange did most of the setting once again, tallying 30 of the team's 41 assists. Only one other Warrior had more than one.

Gynn's 37 kills over the weekend increase her season total to 177, the most in the OUA. She is also second in Canada with 4.12 kills per set. Gange's 9.47 assists per set ranks third in the country.

The Warriors now set their sights on Jan. 25 matchup against Trent. A victory next weekend would move the team to second in their division, just two points shy of first place.

THIS WEEK IN ATHLETICS

WATERLOO WARRIORS

live print

ALL IN WATERLOO #GOBLACKGOGOLD



M HOCKEY

JANUARY 25
 VS RYERSON
 7:00 PM
 CIF ARENA

SENIOR GAME

Bell Let's Talk



W HOCKEY

JAN. 25
 VS GUELPH
 2:30 PM
 PAC MAIN GYM

ALUMNI DAY CAMP & MINOR LEAGUE DAY

BATTLE OF WATERLOO

DEFEND WATERLOO

JANUARY 29, 2020
 7:07 PM / KITCHENER AUDITORIUM

\$10 STUDENT PACKAGE

GO WARRIORS GO.CA/BATTLEATHEAD

#GOBLACKGOGOLD

VOLLEYBALL

JAN. 25
 VS TRENT
 (W) 2:00 PM (M) 4:00 PM
 PAC MAIN GYM

RECREATION REGISTRATION DEADLINES

INSTRUCTIONAL DANCE, SWIMMING AND MARTIAL ARTS
 January 24

STORE ATHLETES OF THE WEEK

WATERLOO WARRIORS

SOLOMON DAVIDSON
 TRACK & FIELD

CLAUDIA DE FAZIO
 NORDIC SKIING



Blackberry x UW: innovation lab

Jansher Saeed
Editorial Assistant

Although historically a mobile device company, Blackberry holds a strong presence within the cybersecurity industry. But as technological needs grow exponentially, innovation within the industry has become a primary motive for the organization.

Blackberry's partnership with UW, its founding university, has fostered an innovation lab on campus. As of Nov. 12, 2019, the pair have focused efforts on fast-tracking Research and Design (R&D) to help get products into the market faster, hoping to strengthen Canadian technology and the cybersecurity industry.

"We are proud to have worked with the University of Waterloo for more than 30 years to help build our company and turn it into one of the world's most recognized and celebrated technology brands," Charles Eagan, Blackberry's Chief Technology Officer, said. "We are thrilled to reinvigorate our relationship, which promises to strengthen the entire Canadian technology and cybersecurity industry."

Working from an official partner suite on campus is part of the Blackberry strategy. The company hopes to work near students focusing their efforts on finding ways students can work with top Blackberry R&D and Business Leadership teams in research,

workshops and development sessions.

One of these sessions, Marketing 101, kicked off on Nov. 12, 2019. Marketing 101 is geared towards teaching students about the importance of Go To Market (GTM) strategy by working through real-life scenarios. This session is led by Blackberry executives on campus.

"In terms of cybersecurity challenges of the future, I think we need some capabilities that use things like machine learning and better security methods. If we have a few billion products washing ashore in the next five years, how do we do that in a safe and secure way," Eagan said.

The Marketing 101 session is just one of many interactive spaces Blackberry and UW are facilitating for students on campus.

"We have some grad student activity with certain departments, so we are working with the Cybersecurity Privacy Institute, WATcar, the Velocity interactions. We are sort of in the early days of re-energizing how we are working and when we will be able to pursue one of them," Eagan said.

These departments, including Waterloo artificial intelligence institute (Waterloo.ai), are of primary interest to the development of a cyber-secure Internet of Things (IoT) in Blackberry's upcoming endeavours.

"We are keen to build on the deep partnership fostered between BlackBerry and centres like the WatCAR and expand research into new areas where Canada can lead the world in technology development,"



COURTESY BLACKBERRY

Charles Eagan, CTO at Blackberry, plans on bringing innovation to the cybersecurity market through Blackberry's long-time partnership with UW.

Charmaine Dean, UW Vice President, University Research and International at the UW said.

Opportunities are not just limited to students. Blackberry has also hosted sessions discussing plans for the collaboration and encouraged discussion on the topic with professors and research personnel at UW.

Blackberry will also be hosting a net-

working event in the GEDI space on Jan. 27, 2020, from 1 pm-3 pm where students can meet and discuss work opportunities for the summer 2020 term.

Blackberry has over 150 student positions currently open on WaterlooWorks.

More information and resources for prospective students are available on the Blackberry student webpage.

5G technology coming soon to UW

Praveen Natarajan
Reporter

The latest generation of cellular wireless network, 5G, will likely be accessible on the UW campus early this year. This technology promises to bring faster speeds owing to the shift toward the new Radio Access Network (RAN) system, which will have significantly higher bandwidth at the expense of much more limited range.

Sanjeev Gill, UW's associate vice-president of innovation, said discussions are ongoing with Rogers Communications to determine where small cell stations will be set up for the transmission of 5G signal on campus.

This is in contrast with the larger, more powerful cell stations used for 4G network. With the small cell configuration for 5G,

users will experience a significant improvement in performance but only within close proximity.

Rogers and UW agreed to form a partnership to implement the 5G and subsequently carry out advanced research in engineering, medical imaging, and artificial intelligence.

In addition to the partnership with the university, Rogers is the first wireless provider to work with Evolution of Networked Services through a Corridor in Québec and Ontario for Research and Innovation (ENCQOR), a \$400 million partnership led by the governments of Canada, Ontario, and Quebec. ENCQOR has established the first pre-commercial 5G telecommunications corridor in Canada. This research initiative focuses on bringing a multitude of companies together to leverage the full potential of 5G.

"Initially, the availability of 5G will be

confined to research and innovation hub in campus where the technology will be deployed and tested intensively before making it available for a wider audience across the campus in the second half of the year. This strategy will help Rogers [better] understand the logistics and challenges associated with the 5G and come up with best practices and methodologies for future deployment all over Canada," Gill said.

"To address health risks with 5G, the technology will be deployed in pilot phase in compliance with the health and safety regulatory policies and assess the radiation levels emanating from the 5G network," Gill said.

Interestingly, Rogers is the first telecommunication carrier in Canada that is actively involved in research in the transformatonal technology with a Canadian university without any reliance on external

vendors for the underlying software and hardware support.

Gill believes that in order to ensure that students and faculty members get the maximum out of 5G, it is imperative that Rogers and the UW research team define use-cases, which outlines the ways in which 5G will benefit the targeted group. For instance, students working on data intensive projects which involve highly sophisticated computations are more likely to benefit from the new cutting-edge technology.

Experts predict that 5G is going to play a pivotal role in shaping the daily tasks of a vast number of industries and consumers.

Furthermore, the maiden collaboration between Rogers and UW will result in made-in-Canada innovations which could propel Canada's digital economy forward in the near future.

Wednesday, January 22, 2020 | Vol. 42, No. 22
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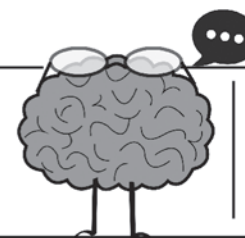
Next scheduled post-mortem meeting:

Wednesday, January 22 at 4:00 p.m.
 Imprint Office, SLC 0137

Next scheduled board meeting:

Thursday, February 6 at 6:00 p.m.
 Imprint Office, SLC 0137

opinions



HAVE YOUR SAY
 Submit your letter to the editor or your
 community editorial to opinion@uwimprint.ca.
 Find more opinions at uwimprint.ca

Putting an end to the gun control 'debate'

The political right keeps using the same argument against gun-restrictions, and the left rarely has a good response. As a result, it almost always goes unchallenged. We need to break down this argument so as not to be fooled by it. Starting with an analogy commonly given to make their point.

A wolf attacks a sheep and kills it. Other sheep witness the attack and conclude that teeth are the problem, so the sheep decide to pull out their own teeth to prevent future killings. The wolves still have teeth, but now the sheep are defenceless.

The idea is that tightening firearm laws will take guns away from law-abiding citizens, thus making the criminals the only ones with weapons. This logic seems to make sense, but the data proves it to be redundant.

If true, we should expect to see a direct correlation between the stringency of firearm laws and homicides per 100,000 people. Take, for example, the United States, which has more civilian-owned guns than people. Japan is on the complete opposite

end of the spectrum, and Canada is between them. If the logic above is correct, Japan should be a leader in homicide, and the United States should be far below them, with Canada somewhere in the middle. In reality, this is not the case. The US has 3 times as many homicides per 100,000 people as Canada and 19 times as many as Japan.

Of course, the right has heard statistics like these many times. The usual response is to say there is another factor which counterbalances the supposedly dangerous firearm restrictions. So, we need to eliminate other factors that might interfere. To do this, we can measure just the United States, but divide it into the states and compare them. Doing this should get rid of factors such as cultural differences or mental health policies. As it turns out, we continue to see an inverse correlation between the stringency of gun laws and homicides per 100,000 people.

Another way we can show the effect of tightening gun restrictions is to look at countries that changed their policies. Australia is the most famous example. In the

18 years leading up to the firearm buyback in 1996, there were 13 mass shootings, but there were none for 22 years after. Furthermore, the states that bought back the most guns experienced the most significant reduction in gun-related death.

It is similarly useful to split up homicides by type. If the apparent correlation is actually due to an unrelated cause, Canada and the United States (to pick examples of countries with similar culture) should have differences in both gun-related and non-gun-related homicide rate. In reality, the non-gun-related homicide rate is nearly identical between the two. The difference comes almost entirely from gun-related homicides.

At this point, it is hard to deny the reality that a lack of gun restrictions is, in fact, the problem. We know too much about the world to keep being convinced by the same nonsense.

Connor McCormick
Mechatronics Engineering 1B
 American student

Four long years of Brexit

The decades after the UK became a member of the European Union (EU) in 1973 were spent stitching together a complex economic, political and cultural community between the disparate groups. The decades following the 2016 Brexit referendum will be spent tearing it apart.

Most political science students can point to a decisive moment that pulled them away from their parents' appeals to study a 'real degree', and into the dreaded realm of the social sciences. Brexit was mine. The ultimate cautionary tale of how easily extremism can rewrite the rules of acceptability when granted a national platform, and an excuse to be politically legitimate.

If this is your first initiation to EU politics, you're not alone. Until Jun. 23, 2016, the majority of the British public was similarly apathetic. Turnout for European Parliamentary elections peaked at 38.5 per cent in 2004, and any gossip on the political agenda across the channel was limited to the annual Eurovision Song Contest.

A stubborn, grey island in the Atlantic, the United Kingdom was afforded several privileges alongside its EU membership.

And this privilege bred disinterest, ignorance, and misguided dissatisfaction.

By summer 2016, people were tired of the years of political uncertainty, economic insecurity, and social upheaval which had snowballed after unedning austerity policy. Hospital waiting times were at an all-time high, homelessness had doubled in a decade, employment was high. However wages were low and social security cuts ensured state benefits couldn't pick up the pieces. The vultures on the far right swept in to pick on the underlying fears of the average voter like carrion.

Immigration dominated the news in 2016. Leave campaigns promised voters the chance to 'Take Back Control', and it was clear who from. Refugees crossing the Mediterranean became a migrant army, and their crisis shelters in France became the 'Calais Jungle'. Fears that EU laws were at odds with 'British values' only reached fever pitch when Turkey filed its application for membership, and Brexit was painted as a counter-terrorism security measure.

Anti-immigration sentiment was not, of course, the driving incentive for all 52 per

cent of the electorate who voted Leave. But it was fundamental to an atmosphere of national crisis to which Brexit was the one solution. And when the Cambridge Analytica scandal saw the Leave campaign had paid £3.5million into a small Canadian company which specialised in targeted Facebook advertising with 'weapons-grade' precision, AggregateIQ, it became clear that political transparency was no longer the norm of Western politics.

The fallout from Brexit in the next few years will prove the extent to which this new normal will thrive in the upcoming decade on both sides of the Atlantic. The realignment of North American politics proves that, in the face of populism, distance doesn't care.

As the deadline for the UK's final exit on Jan. 31, 2020 creeps closer, the nagging sense that 'this could happen to you' should ring louder than ever.

Amelia Lincoln
Opinions Editor
 British student

campus bulletin

WHAT'S HAPPENING AROUND TOWN

Submit your 50-word announcement or upcoming event to ads@uwimprint.ca for free.

upcoming events

January 2020

For all of UpTown Waterloo Winter activities visit www.uptownwaterloobia.com.

Savour in Stratford — Saturday morning Market from 7 a.m. to 12 p.m. at the Rotary Complex, and more, www.visitstratford.com.

Unplug from screens. Connect with friends. Sing your faith. Chapel Choir meets Mondays and Wednesdays at 4 p.m. Sign up for an audition at uwaterloo.ca/music/ensembles. No prep required. For more details ksteiner@uwaterloo.ca or 519-885-0220, ext 24226.

Choral and Ensemble auditions begin. Can be taken for credit (.25) or extracurricular activity. For more info www.uwaterloo.ca/music/ensemblesmusic@uwaterloo.ca.

Wednesday, January 22

UW Housing Fair is geared toward students searching for new accommoda-

tions. Come and chat with landlords and on-campus residence organizers to get your questions answered and collect info. The fair is from 11 a.m. to 3 p.m. in the Student Life Centre Great Hall.

uwaterloo.ca/music presents "Calgary Connection - Buschmeyer, Johnston & Wood" at 12:30 p.m. at Conrad Grebel. For more info 519-885-0220, ext 24226 or music@uwaterloo.ca.

Saturday, January 25

Emmanuel United Church presents "Jeff Catto: The Only Love Tour" at 7 p.m. at 22 Bridgeport Road, W., Waterloo. 519-886-1471 or info@emmanueluc.ca.

Sunday, January 26

KW Chamber Music presents "Jan Winne - visiting Dutch specialist on the baroque flute" at 8 p.m. at KW Chamber Music Society, 57 Young Street, W., Waterloo (walkable from campus). To reserve tickets/info contact jnarveso@uwaterloo.ca.

Wednesday, February 5

Partnerships for Employment (P4E) Job Fair - meet with 200+ employers at

the largest Fair of its kind in the country at Manulife Sportsplex at RIM Park (free busing from Ring Road at Hagey Hall). Begins at 10 a.m. until 3:30 p.m. from campus). For more info partners4employment.ca.

Thursday, March 12

Conestoga College Job Fair from 11 a.m. to 3 p.m. at Doon Campus, Recreation Centre. For more info mycareerservices@conestogac.on.ca.

volunteering

Bereaved Families of Ontario - Midwestern Region, The Family Centre, 65 Hanson Ave., Suite 1042, Kitchener. We currently have a number of exciting volunteer opportunities. For more info, jaim@bfomidwest.org or 519-603-0196.

Become a Meals On Wheels volunteer! Call 519-772-8787 or www.communitysupportconnections.org/volunteer/apply.

help needed

NOT JUST TOURISTS — We are a humanitarian organization that pack medical supplies and bring them to developing countries. We are in need of volunteers, donors and travelers. For more information, please visit www.notjusttourists.com.

classified

STUDENT & BUSINESS RATES

\$5 to \$15

For more info email ads@uwimprint.ca.

HELP WANTED

DISTRIBUTION EMPLOYEE

IMPRINT needs one employee to deliver Imprint every Wednesday morning beginning at 5 a.m. for the winter term January 8 to April 1, five to six hours per week.

* Training is provided * \$100 cash

Must have a valid drivers license and be at least 21 years of age.

Submit cover letter/resume to

ads@uwimprint.ca or

drop in to the office, SLC room 0137.

VOLUNTEER

Head Designer
Graphics Editor
Copy Editor
Video Editor
Satellite Campus
Editor



Contact

editor@uwimprint.ca
for more info

IMPRESSIONS

A page entirely devoted to art for the sake of art. This page is created by UW students and serves as a speaker's corner for the school's creators.



distractions



IF ONE MORE PERSON TELLS ME TO TRY CORDLESS HEADPHONES

Imma kick their buds

A toasty welcome to all the new *Imprint* volunteers

Across.

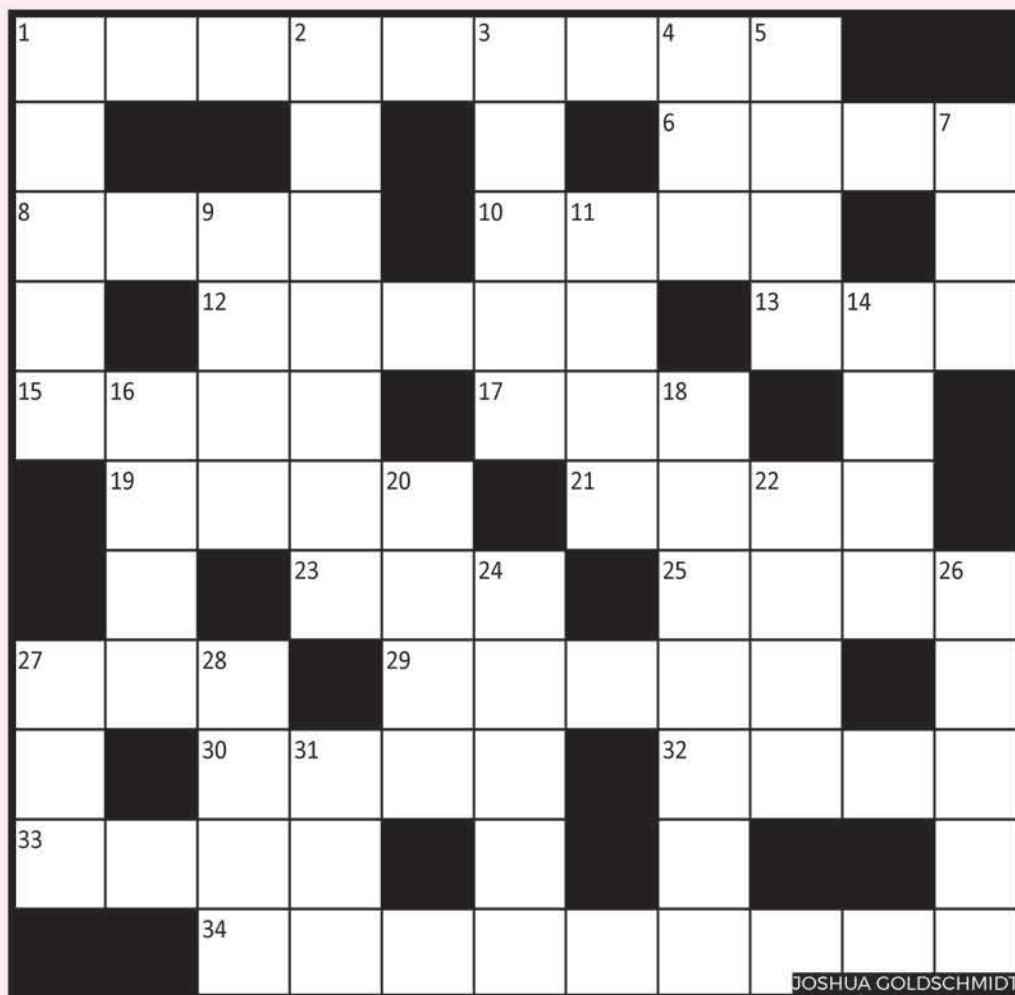
1. Geographic data management
6. Video game series in which one plays the Master Chief
8. Swerve or zig-zag
10. Sacred bird commonly found on hieroglyphs
12. Toy automobile with an engine
13. Pork product
15. Pasta-sauce brand
17. Not very bright
19. Dance in which one's body wriggles on the floor
21. Prefix for the supernatural
23. in addition to or in spite of what was previously said
25. Upcoming movie (2020) and popular sci-fi franchise by Frank Herbert
27. Progressive insurance's cashier mascot
29. Son of Woody Allen who covered the #MeToo movement intensely
30. Catch a glimpse
32. The South African wilderness
33. Like Kaur, Coleridge, or

Dickinson

33. Child detective with novels and a TV series on The CW

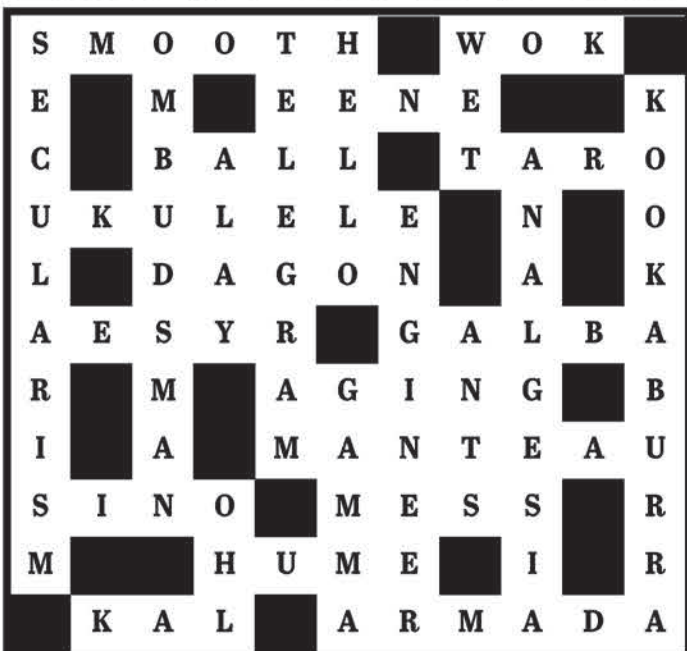
Down

1. Lois Lowry's classic dystopian novel; The _____
2. Queen's singer, Freddie
3. Chinese mafia
4. 22nd letter of the Greek alphabet
5. A ribbon worn around the waist or shoulder
7. Aquaman's half brother, Ocean Master
9. Therefore, hence
10. Like Camembert
14. Judaeen king, sired Josiah
16. AFK, but in the military
18. NHL Rookie of the Year runner-up in 2015-16
20. Mother, in Montreal
22. A melody
24. Subject of discourse
26. Grant ability to
27. A man overly-interested in his clothes
28. The nine-to-five for most workplaces
31. Seventh letter of the Greek alphabet



JOSHUA GOLDSCHMIDT

Last week's x-word



Urban Circus

Congratulations Mr. Brown, you can start working in our university from tomorrow! But before that, of course, you will need to pick and maintain a stereotypical image for yourself.



STYLES FOR MALE PROFS

FACIAL HAIR

- Beard (For a more scholarly look)
- Moustache (can look like a sir)
- Clean shaven (can look younger)

WEAR GLASSES (compulsory)

HAIR

- Normal (NOT recommended)
- Bald
- Semi-bald
- Long/Ponytail (recommended for arts professors)
- 'The Einstein'

Good example

The secret life of a young professor