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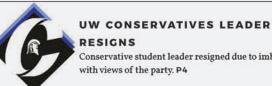
October 23, 2019

print

VOLUME 42 ISSUE NO.13



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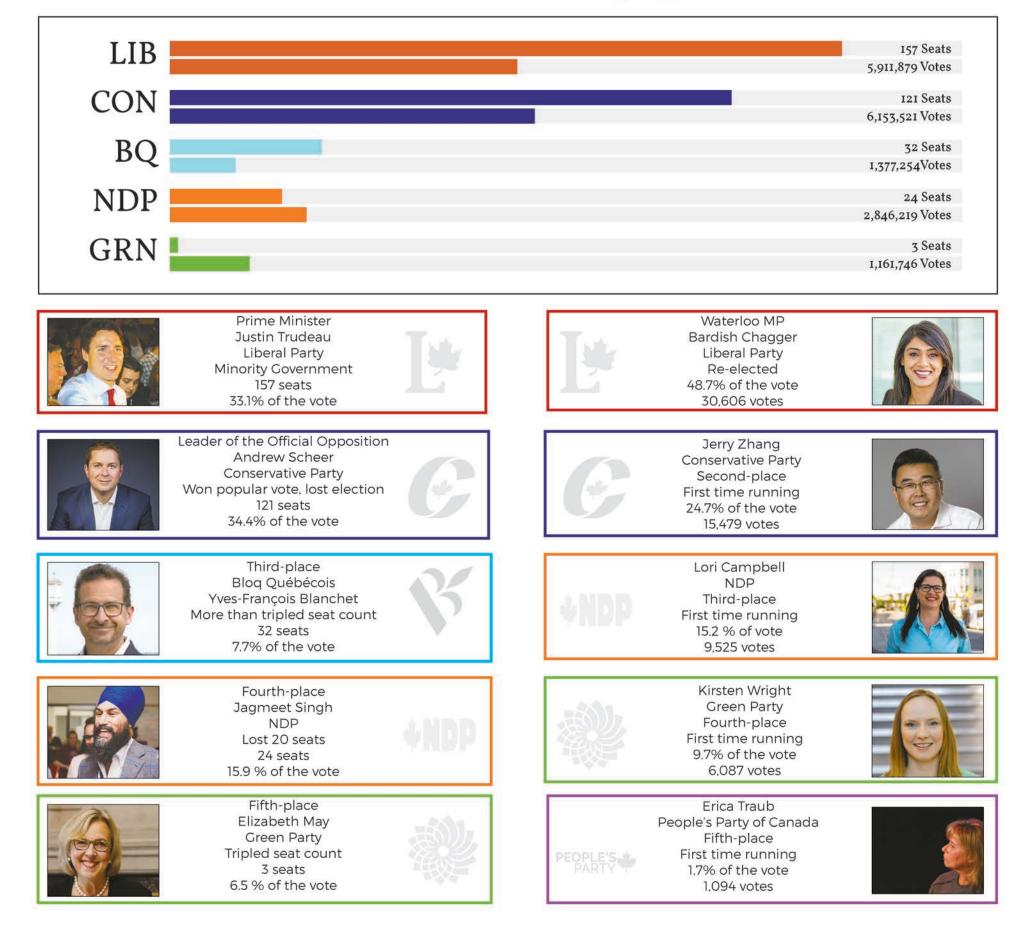


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# Liberals win minority government



# How this minority government might work

#### William Koblensky Varela

**Executive** Editor

No political party won the majority of power in the Canadian federal election for the first time since 2008.

Canadians collectively gave Justin Trudeau's Liberals a slap on the wrist in this election, making him walk the tightrope that is a minority government.

That means the political games are just beginning.

The Liberal party won 156 seats in the House of Commons on October 21, and while that's more than any other individual party, it's not the 170 seats needed to hold majority power in Canada's 338-seat parliament.

While the Conservatives' Andrew Scheer won the popular vote, 34.4 per cent to the Liberal's 31.1 per cent, Canada's First Past the Post electoral system rewards "plurality" not votes.

In other words, once a party is the bigger than any individual party in its electoral riding, votes don't matter anymore.

The last time a government held power with such a low percentage of the vote in Canada was when John A. McDonald won in 1867.

But Stephen Harper's Conservatives were close in 2006, winning a minority government with just 36 per cent.

The Bloc Québécois were rewarded by Canada's electoral system this time around, winning 1.2 per cent more of the vote than the Green Party, but ten times as many seats in the House of Commons.

Though the NDP had a disastrous night electorally, losing 20 seats, they're actually

in a stronger position than they were following the 2015 election.

That's because the new minority Liberal government needs 13 votes from somewhere outside its party to pass anything.

While Trudeau could try to coax the Conservatives or Bloc to support them, the NDP is far more likely to work with the Liberals on legislation.

Because of that, the NDP actually hold the balance of power in the House of Commons, despite being the fourth-place party.

Though the New Democrats won't get everything they want out of the Liberals, they're demands in the event of a coalition included pharmacare coverage, dental care coverage, housing investment and eliminating interest on student loans.

Those policies could make their way into Liberal legislation to earn the support of the NDP.

Just like his father in 1972, Justin Trudeau's second election campaign was fraught with unforced errors that drove support to opposition parties only four years after Trudeaumania 2.0.

Another parallel to 1972 is the NDP supporting the Liberals in an official capacity, as David Lewis did to Pierre Trudeau.

That alliance lasted two years before another election was called, and Canadians should prepare for that possibility in the years to come.

The biggest risk of sitting as a minority government is opposition parties can overthrow the governing party, in this case the Liberals.

If the opposition parties defeat Trudeau on a budget bill, where the government outlines how they'd spend taxpayer money, the opposition parties can try to pass a motion



of "non-confidence" in the government. If it the government is defeated, Canadi-

ans will have to go back to the polls. Minority governments were kicked out of

power by what's called a confidence motion in 2004 to Paul Martin's Liberals and to Stephen Harper's Conservatives in 2006.

Harper's second minority government almost fell to a non-confidence motion in 2008, but the then-prime minister shut down parliament and called an election himself to avoid embarrassment.

In both 2008 and in 1972, a short lived minority government that was propped up by opposition parties led to a majority government before the end of the term.

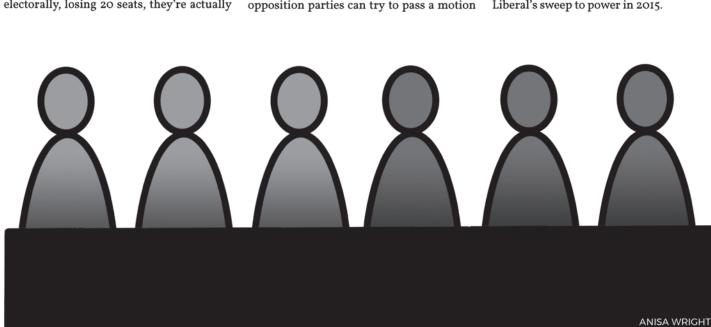
The 2019 election starkly contrasts the Liberal's sweep to power in 2015.

The Canadian electoral map is now more divided than it has been in over a decade. If you like elections and political horse trading, you're in for a treat.

#### LAND ACKNOWLEDGEMENT

IMPRINT ACKNOWLEDGES THAT THE UNIVERSITY OF WATERLOO IS SITUATED ON THE TRADITIONAL TERRITORIES OF THE ATTAWANDARON (NEUTRAL), ANISHNAABEG, AND HAUDENOSAUNEE PEOPLES. THE UNIVERSITY OF WATERLOO IS SITUATED ON THE HALDIMAND TRACT, LAND PROMISED TO SIX NATIONS, WHICH INCLUDES SIX MILES ON EACH SIDE OF THE GRAND RIVER. THEREFORE, IMPRINT RECOGNIZES AND RESPECTS THIS LAND THAT IT IS SITUATED UPON.

UW INDIGENOUS STUDENT ASSOCIATION



# KW votes for...

#### **Kitchener-Centre**

Liberal Party Raj Saini 36.6% of votes

#### Kitchener- South Hespler

Liberal

Marwan Tabbara

40.3% Of votes







39.6% of votes

Cambridge

Liberal

Bryan May

39.5% of votes





#### Perth-Wellington

Conservative

John Nater

49.4% of votes





The Green Room is a treasure trove of fun stuff, life's luxuries and everyday essentials ... ~Kath



# Leader steps down

Suhani Saigal News Editor

A llyson Hildebrandt believes she cannot fully stand behind a political party whose platform she does not completely agree with.

Although she was the President of UW Conservatives, Hildebrandt recently decided to resign from her position.

"I think it is fine for some people to be that way but I stepped down because I think, for me, it is important to vote for a candidate or a party based on their current platform and their current activities. I do not think we should be loyal to a party per se," Hildebrandt said.

The Conservative Party released their platform after the televised debates.

The platform plans on balancing the budget by 2024, cutting foreign aid by \$1.5 billion and corporate welfare by \$1.5 billion as well.

"In many respects, I agree with the Conservative platform and is pretty strong. I believe in many aspects of it. But I think that personally I was very discouraged by the Doug Ford government and I am worried about that translating into federal cuts, or something similar, because we do not really have a full platform yet from the Conservatives which is very similar to the Doug Ford situation," Hildebrandt said.

"Quite frankly, I am not seeing a lot for young people or students in that platform." Hildebrandt left UW Conservatives

during the election campaign. "That was mostly because I felt it would

be unethical to head up the club when I was not really 100 per cent behind the party. I thought that they deserved better leadership," she said.

"The club does fantastic things and de-

serves a leader with their heart more in it than mine was," Hildebrandt said.

Hildebrandt will not be part of the club in an official capacity anymore but will continue to attend events organised by UW Conservatives as a way to stay in touch with her friends from the club.

"I will be attending events to just share what I believe is good about the party and what needs to be changed and I think it will be met with respect from most club members," Hildebrandt said.

With a plan to transfer to another university, Hildebrandt stated that she will involve herself in student politics instead of political parties.

"I think student politics are less partisan and I think that the change that I wanted to see and was not seeing with the Conservatives was change for young people," Hildebrandt said.

The UW Conservatives is a WUSA club committed to the promotion of Conservative ideas and causes.

"They should keep doing what they are doing. Honestly, everyone in that club is strong-willed, hardworking, and tolerant of other people's opinions. I am proud to call many of them my friends. I think it is important for students to be involved in politics," Hildebrandt said.

"My only caution for any student is to make sure that you are constantly being critical of the party that you are supporting and not letting things fly under the radar because you do not want to disagree with your party. I think it is important to disagree with your party and I think that is one of the main reasons why I left because in my official capacity, I was not able to publicly disagree, which makes sense, but it is important."

*Imprint* reached out to UW Conservatives but did not get a comment at press time.

### UW grants fine amnesty

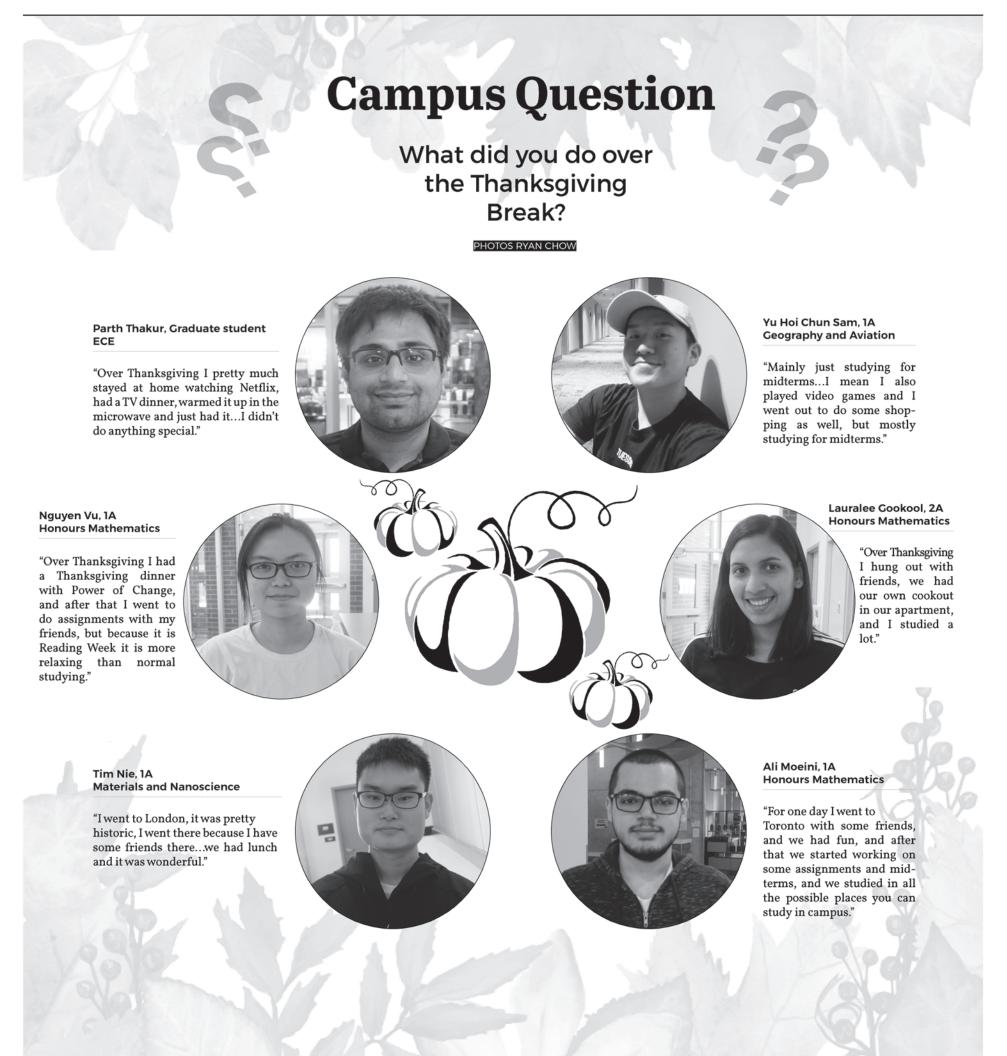
John Edwards Reporters

**F**rom Oct. 15 through Nov. 30, UW, University of Guelph, and Wilfrid Laurier libraries will forgive certain fines as a fine amnesty. According to both library staff and the Matthew Grant, UW Director of Media Relations, this is not due to a sudden spike in library patrons accruing fines, which library staff are thankful for. Fine amnesties are being granted as a show of gratitude and appreciation for the library patrons who may have a little trouble delivering books on time and because of a new system being implemented on Dec. 10.

The three university systems have been part of shared library system for over 24 years. This system has allowed students to check out books, printed articles, and journals from the all three universities. However, after migrating to a new system in Dec., a new system will combine the 14 members of the Ontario Council of University Libraries. Due to this upcoming change in system, patrons are being encouraged to return books penalty free.

Grant stated that library patrons are encouraging patrons to return overdue books within this limited time becuase logistics are easier to transfer books already registered, and not missing from the library, than to register overdue books in the new system after it is implemented.

The UW library webpage, and the library staff, only certain fines, such as late books not on course reserves or from other university libraries, are being granted amnesty. The library staff is open to questions.



# WUSA proposes new Bomber concept

#### Mubassir Ahmed Editorial Assistant

USA is planning to renovate the Bombshelter Pub space in SLC to create a social atmosphere lounge experience, primarily for undergraduates, with bar and restaurant offerings.

Seneca Velling, Vice President of Operations and Finance, proposed the business concept to the council at the last WUSA students' council meeting on Oct. 6. The proposal passed with a majority of the council in favour.

He said previous surveys of students helped create the business concept. The common theme from most answers was that there was a lack of social lounge spaces and community on campus.

"We identified that social lounge dining concepts fit very well with student demands as well as with market performance of what students have expressed interest in having on campus," he said. The Bombshelter Pub was shut

down in Dec. 2018 because it was struggling to meet its cost of sales and labour targets.

The accrued cost of running the pub far exceeded gross profits from the business.

"By the year's end, the pub was budgeted to run a loss of \$160,000; however, the actual loss was about \$325,000, so it ran \$200,000 over budget," Velling said.

The new student lounge will be open 24 hours, and always accessible to students. This had been an issue with the Bomber, which would be closed up in the evening because of liquor, Velling said.

It would also cater to a larger population, as previously, the pub was frequented by only a small portion of students.

"It was very popular for 20-30 per cent of the students. In fact 70-80 per cent of the students wouldn't go at all. [WUSA wants] to build a place that at least 60 per cent of the students will want to use," Velling said. He said it would be similar to MC Comfy Lounge or POETS in CPH, but with a bar and full service restaurant.

"There will be board games, and wall mounted TVs for video games, and it will be available for student clubs, societies to book," Velling said.

From Oct. to Dec. 2019, additional focus groups and surveys will be carried out on what sort of space students would want to see. From Jan. to Feb. 2020, WUSA will hold an internal design competition for architectural and design students. The competition will be followed by consultation with design companies. They hope to open by Spring or Fall 2021.

# Superior Court ruling in favour of student with brain injury appealed by UW

#### **Riss Moua** *Reporter*

Roch Longueépée brought UW before the Superior Court of Justice in Apr. 2019 to demand his school application be reconsidered through an accommodated admissions process. This month, UW decided to appeal the Superior Court's decision to side with Longueépée which would have granted him another chance at admission.

"The University can confirm that it is seeking an appeal of the most recent Superior Court decision. We cannot provide any further comment as the matter is before the courts," Matthew Grant, Director of Media Relations, said.

On Jul. 30, 2013, Longueépée applied to UW with hopes of a better schooling experience than before. He had initially been enrolled in the general arts program at Dalhousie University from 1999 to 2000 but received a D in both of his terms there.

Longueépée became aware of his moderate traumatic brain injury and post-traumatic stress disorder (PTSD) after leaving Dalhousie. He is a survivor of institutional abuse, experiencing physical, psychological, and sexual trauma throughout his childhood. When applying to UW, Longueépée included medical documentation confirming his traumatic brain injury and PTSD diagnosis with a summary of his condition prepared by the Associate Registrar of UW. Longueépée also informed the Registrar that his grades at Dalhousie suffered because his lack of knowledge about his condition did not allow for him to receive the accommodations necessary for his academic success. On Aug. 16, 2013, Longueépée received a rejection letter.

The first time Roch Longueépée decided to argue UW's decision was in 2017 at the Human Rights Tribunal of Ontario. The court sided with UW, agreeing that Longueépée should have petitioned Dalhousie to raise his grades before applying to UW, or chosen another university altogether.

Longueépée's family, medical, and social support networks are close to UW, which is part of why he applied to the school. Longueépée took his case to the Superior Court where a representative for the Admissions Committee of UW testified that Longueépée's grades were too low and he did not demonstrate potential for academic success.

In contrast, Dr. Donna Ouchterlony, former director of the head injury clinic at St. Michael's Hospital and an expert witness in legal cases related to brain injuries, claimed success is still achievable for people with brain injuries.

"Success in university is possible for people with brain injuries. The brain injured individual can often do very well with accommodations, but without accommodation [they] will fail miserably," she said.

The Superior Court sided with Longueépée.

"The decision showed the admission process created a discriminatory barrier for a student with a disability and directed the university to develop a fairer admission process," David Baker, Longueépée's lawyer, told Law Times newspaper. The contention is far from over as UW has since decided to appeal the court's decision.

"Since the court process began, I've heard from many people with disabilities who've encountered similar roadblocks to post-secondary education. If it was only about me, I'm not sure I would have gone to the courts, but there's a lot more at stake here," Longueépée told CBC.

Longueépée's health is quickly deteriorating, making it unlikely for him to one day return to school. "Still, he's hopeful that the decision will be upheld, and that it will help other prospective students with disabilities. It will mean that those students have a fair opportunity to get into university and to be receiving the accommodation they require, so that they can get the education that they are entitled to expect," Baker told CBC.

Longueépée has founded Restoring Dignity, a group that aims to advocate for children victimized by abuse and trauma in institutions. He has also led a civil investigation into abuse at Mount Herbert Orphanage in Prince Edward Island. He hopes that his work will continue to help others.





### Prepare the best Native costume for Halloween



#### Katie Turriff, 4B Planning

PART OF AN ONGOING SERIES BY THE INDIGENOUS STUDENT ASSOCIATION



Another's culture is not a Halloween costume-be cognizant of what you wear.

Not sure what to be for Halloween? How about a Native American? Sorry, are they called Native Canadians on this side of the border?

This article will help you have the most authentic Native costume ever. Heroic and sexy, a Native American costume will help you stand out from the crowd.

First, you must consider the inspiration for your costume. When you think of a Native American, perhaps you think of Chief Wahoo or Pocahontas. Maybe you are inspired by Dior's most recent line, Sauvage, or you really want to honour your great-grandmother who was a Cherokee princess. Whatever inspiration you have, you will strut your stuff with confidence knowing that stereotypical depictions of Indigenous Peoples such as your costume contribute to genocide. By dressing up as an Indigenous person, your costume contributes to a culture of mocking Indigenous cultures and inhibiting peoples' abilities to connect with their identities on meaningful levels. Wait, what Indigenous eoples? Do they even still exist? Let's move on!

After you've got your inspiration figured out, you need to set up your traditional garb. It's got to be perfect with all the deer hide and tassles, right? And you can't forget those plastic beads, the braids, or the feathers dangling from your hair. Also, it must be sexy—a Native isn't a Native unless she's sexy and helpless without a handsome John Smith nearby, am I right, ladies? That sexiness is what helps perpetuate the patriarchal system that objectifies actual First Nations, Metis, and Inuitwomen that has them killed. A Native American costume isn't right until it contributes to the genocide of women and girls on lone highways by men who see those costumes and think actual Native women are asking for it! Just forget the fact that Pocahontas (Matoaka, as was her real name) was actually a child who was raped and kidnapped. Let those tassels fly! And who can forget the gorgeous headdress you need to wear. It isn't like it was illegal for Native people to practice their Indigenous cultures in the times your parents were going to high school, so it's totally okay.

But you're honouring, right? Totally. Because wearing a costume you bought from Party City and will throw out on November first is equivalent to donating your time, money, and resources to being on the frontlines with Indigenous Peoples protesting environmental injustices, saving Indigenous languages, and petitioning for clean water on reserves. No, we get it—it's totally the same.

Mad respect for the Wannabe Tribe.

Confused? Don't be! I'm sure no Native will slap you silly if they see you out wearing fringe and feathers on the thirty-first. You'll be fine. I mean, any Native that exists is already wearing their regalia 24/7 anyway, so you'd be able to spot them before they spot you. Everyone knows there's no such thing as a Native person with pale skin wearing a t-shirt and jeans!

(And... because I probably have to, this is a work of sarcasm.)

Are you interested in actually engaging with Indigenous cultures on a meaningful level? Visit the Waterloo Indigenous Student Centre in St. Paul's. We are happy to have you.

# arts & life

# Remembering what is to come

Answering what we had, what we have, and what we long for

Julie Daugavietis Reporter

Master Works is a showcase for exceptional thesis projects by recent Masters of Architecture graduates of Waterloo Architecture. Master Works provides an opportunity for students to extend their work beyond academia and for the graduates to plan and execute a dedicated exhibition in a professional gallery. This year, the event will be held on Nov. 2 and will be in its tenth year of operation.

Featuring the works of Daniel Abad and Haneen Dalla-Ali, Remembering What is to Come is an exhibit exploring themes from the unrealized promises of modernity to contemplating the notion of home post-migration in a memory unbound to the past. It aims to answer the question of what we had, what we have, and what we long for.

The event will take place at 7 Melville Street South, Cambridge, at 7:30pm.



7 King Street North, Waterloo 5 Manitou Drive, Kitchener 1585 Victoria Street N., Kitchener

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sports & health

WRITE FOR SPORTS Want to go to UW games for Imprint? You'll be able to talk to players, coaches, and fans! For more info, email sports@uwimprint.ca.

# Warriors' football drops season finale

The team will open the playoffs next weekend in Ottawa against the Gee-Gees

Varun Venkatramanan Sports Editor

The UW football team (4-3) visited the McMaster Marauders (5-2) on Oct. 19 with the hope of picking up a win before the beginning of the OUA playoffs.

The Warriors were riding a two-game losing streak, having dropped games against Western and Laurier, both by only three points, and a win against the second-place Marauders would have had them trending in the right direction at the most crucial point of the season. Unfortunately, McMaster dominated the game from the opening kick-off and stifled the Warriors' offence en route to a 31-14 win.

The Warriors' offence was on fire coming into Hamilton and was the reason Waterloo clinched a playoff berth the week prior. Quarterback Tre Ford was continuing his MVP form from last season, leading the league in passing yards and terrorizing opposing defences with his rushing game, while running back Dion Pellerin was stellar and led the OUA in rushing yards over the past month. All signs pointed to an offensive battle, but it was McMaster's defence that stole the show.

McMaster limited UW to a season-low 298 yards and held them scoreless in the first half. The defensive line bothered Ford all game, as four different Marauders came up with sacks at various points of the game.

The Marauders' offence matched the play of their defence. They opened the scoring close to the end of the first quarter when



McMaster shutdown the Waterloo offence en route to victory, limiting the Warriors to a season-low 298 yards. The loss was Waterloo's third straight and moved them to a 4-4 record for the season.

Blake Reason thundered into the endzone. Reason capped off an impressive 56 yard drive that took McMaster just over a minute to convert.

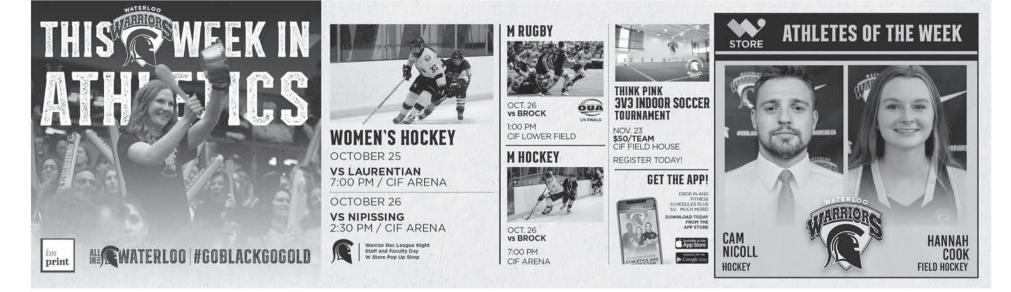
The Marauders' pulled away in the second quarter, scoring 17 unanswered points to open up a 24-0 lead at halftime.

Waterloo's defence kept McMaster off

the board in the third quarter and Pellerin's touchdown gave the visitors hope of a comeback, but it was ultimately too little. too late. The teams would trade touchdowns late in the fourth quarter before McMaster took the contest 31-14.

Pellerin was easily Waterloo's best player of the game. He was the only Warrior who consistently found space on the field. rushing for 89 yards and scoring two touchdowns in the second half.

The Warriors will regroup and travel to Ottawa on 26 Oct. for their Yates Cup quarterfinal matchup against the Gee-Gees. Waterloo took the teams' final meeting 40-30 back in 2017.



WOMEN'S SOCCER BEGINS PLAYOFFS The women's soccer team ended their regular season with a 2-1 loss against Guelph. The team finished with a 3-6-5 record, good for the final playoff spot, and will play York in the OUA quarterfinals on Oct. 23. SIAKAM EXTENDS WITH RAPTORS Toronto Raptors' forward and RFA-to-be Pascal Siakam extended his contract with the team. Siakam signed a 4 year, \$130-million max contract that will keep him in Toronto through the 2023-24 season.



MEN'S RUGBY IN OUA QUARTERFINALS The men's rugby team capped off their season with a 40-33 victory over Laurier. The team finished the season with a 5-1 record and will host the Brock Badgers in the OUA quarterfinals on Oct. 26.

## **Opportunity: Toronto Raptors 2019-20 season preview**

Dashawn Stephens Sports Reporter

Tlast season as the Raptors were able to win their first ever NBA Championship. What followed was the most eventful offseason in NBA history, and to say the landscape of the league has changed may be an understatement. Entering this season, 12 teams will be taking the court with completely new identities, one of them being the Raptors. A portion of the core that brought us our first banner, namely Finals MVP Kawhi Leonard and shooting guard Danny Green, has departed for Hollywood, however, the Raptors have moved on, and the new season will bring on exciting challenges, decisions and opportunities. Lets dive into some of the biggest Raptors headlines heading into year 25.

#### Who steps up to fill in for Kawhi?

Leonard's departure creates an opening of around 20 shot opportunities per game, and the reigning NBA Most Improved Player Pascal Siakam should receive the largest chunk. The 25-year-old forward is primed to take the next step into becoming an allstar, and the Raptors have shown they are ready to invest in him long-term, inking him to a four year, \$130-million maximum contract extension.

Aside from Siakam, don't be surprised to see Norman Powell be another player who takes advantage of the opportunity. After an amazing playoff run and solid season, Powell will look to breakout as a scorer and put up around 15 PPG. He's impressed many in the preseason, including Nick Nurse, who recently said Powell is "hitting everything." OG Anunoby should see the remainder of the shots as he looks to bounce-back from an injury-riddled season.

### What will be the team's biggest strengths?

Last year, Toronto's stellar defence won them a championship, and after being a top-5 in defence each of the last five years, there is no question that the Raptors will look to take on a defensive identity this season. Toronto's core is full of scrappy players who excel both ways, such as Pascal Siakam, Kyle Lowry, Marc Gasol, Serge Ibaka, and OG Annunoby, who was one of the league's best perimeter defenders before falling to



The 2019-20 season will likely see the passing of the torch from Kyle Lowry (left) to Pascal Siakam (right) as the face of the Raptors.

injuries last season. Toronto is a team that will look to shut opponents down on the perimeter and dominate the boards in order to launch into transition attacks. After hearing stories of Nick Nurse calling out Rondae Hollis Jefferson in practice for his lack of defensive effort, don't be surprised to see the Raptors fully assume the identity of doing the dirty work to win games.

### What will be the team's biggest weakness?

Entering the 2019 season, the Raptors have downgraded when it comes to their bench. This is the least depth Toronto has had in 4 years, however, this does not necessarily mean it is bad depth. It will be exciting to so see how the Raptors use Fred Van Vleet off the bench, especially if Nick Nurse wants to prepare him for a potential Lowry departure. Expect more minutes for him and an increased offensive load.

Although just turning 30, Serge Ibaka has shown no signs of slowing down and appears to still have good years ahead of him. He will be a huge defensive presence off the bench at backup centre. Coach Nick Nurse may also experiment by putting out a supersized lineup with a Gasol and Ibaka frontcourt to combat the size of the top teams in the East. The biggest depth player to look out for this season will be Chris Boucher. The Québec native is a former G-League MVP and Defensive Player of the year—in the same season. He will be a great fit for the Raptors' defensive identity. More importantly, with Powell being inserted into the starting lineup, Boucher has the potential to replace Powell's role off the bench and provide solid two-way play. Look for Boucher to be the bench player that rises into a fan favourite à la Bismack Biyombo.

### What's going to happen with Kyle Lowry?

The truth is, Masai Ujiri will likely look to trade away pieces from the championship core, as a lot of them are on expiring deals. Although competitive this season, the Raptors are going through a slight retooling as they look to plan for the future around Siakam and Van Vleet.

Kyle Lowry signing a 1-year extension means two things: first, it pushes back his free-agency by a year, and second, it makes him more attractive in the trade market. The fixed term and cost will get plenty of teams calling to inquire for his services. Lowry's stock is currently the highest it's ever been thanks to his playoff brilliance, and with Fred VanVleet waiting for the opportunity to start, moving Lowry may be a strategical move to prepare for the future.

Look for Ujiri to shop Lowry to a team in need of a point guard, who is willing to overpay. A possibility could be the Miami Heat, as they have expressed interest in acquiring a point guard to pair with Jimmy Butler and ascending shooting guard Tyler Herro. Regardless of how he plays to start the year, it seems as though Lowry's days as a Raptor are coming to an end.

No, the Raptors are not entering the season with a big chance of repeating as NBA champions, however, year 25 will be defined by one word: opportunity. Toronto's roster is loaded with players who have been waiting for the opportunity to take big leaps this year and show the world how skilled they are. In a season where the city looks to honour the franchise's roots, the Raptors have the opportunity to shock the world, albeit a small one. The abundance of trade assets also means that Masai Ujiri once again has the opportunity to make moves that shake the league.

No, it's not year 24 anymore, but there's no doubt that year 25 will be special, and it all begins when Toronto raises the championship banner on Oct. 22.



GET INVOLVED Imprint is looking for a passionate Science Editor. Email editor@uwimprint.ca.

# UW offers lessons in sustainability

UW Sustainability will host activities and events for students to learn about zero waste living and how they can be more environmentally friendly

#### Heather Gillespie Reporter

S ustainability week kicked off on Monday, Oct. 21, and runs until this Friday, Oct. 25. There are a number of activities and events going on throughout the week.

#### Zero-waste Mason Jar Challenge

The main event run by UW sustainability is the zero-waste mason jar challenge. Do you think you're able to keep an entire week's worth of waste in one 500mL mason jar? Now is your chance to find out! There are quite a few prizes to be won.

There is one grand prize, valued at \$150, and a number of smaller prizes including one of three zero-waste packages, one of five \$10 WatCard top-up's, a prize pack from W Store, or one of five \$10 gift cards to Zero Waste Bulk.

To participate in the challenge, the first thing you need to do is register your jar online on the UW sustainability website. Jars can be picked up from the sustainability office in EV1-301, from Green Residence Ambassadors, or you can use your own from home.

Collect everything that would otherwise be thrown into the trash throughout the week in your 500mL mason jar. This means any waste that is destined for landfill. Recycling and composting are not included in your jar. However, remember to divert these items from the landfill by using the compost and recycling bins across campus.

To take part in the challenge, participants must complete a survey at the end of the week. The survey will be sent via email to all registered participants and must be completed in order to be eligible for prizes.

Bonus: share your progress on social media using #Waste-WeekUW and #ShiftZeroUW to help inspire others.

#### Waste Reduction Quiz

How confident are you in your knowledge of what is recyclable, compostable, or trash? Participate in the online quiz on the Zero Waste Week website to find out.

By participating, you are eligible for a chance to win one of two zero-waste prize packs, a \$50 gift card to Zero Waste Bulk, or one of five \$10 WatCard top-ups.

The quiz will remain open until Friday, October 25 at 11:59PM.

#### **Project Zero Waste**

Project Zero Waste is UW Campus Compost's first convention and it focuses on working toward zero waste goals. In connection with National Waste Reduction Week, on Friday October 25, UW Campus Compost will be hosting multiple workshops, DIY tutorials, and activities.

#### **Scheduled Activities**

Scheduled activities include a carnival with food, booths, and games. There will also be workshops on many different skills such as making beeswax wraps, vermicomposting, creating a zero waste bathroom, DIY toiletries and accessories, and getting started on a zero waste lifestyle. There will be a screening of the film Just Eat It: A Food Waste Story in EV3 3406.

The film follows two individuals over six months while they experiment with eating only discarded food. Remember to bring your own mug and containers to the film screening for zero waste snacks and coffee.

The full schedule can be found on https://uwaterloo.ca/sustainability/ events/zero-waste-week-2019.

#### 5 Tips for Living More Sustainably

1) Bring your own water bottle with you to avoid buying disposable container.

2) The same applies for coffee mugs —bring your own with you, a lot of restaurants will give a discount on your drink if you bring your own mug.

3) Sort your garbage. 70 per cent of plastic does not get recycled, so make a conscious effort to find a recycling bin instead of tossing it in the trash. Also keep in mind that organics and biodegradable goods belong in the green bin, not



.

UW is promoting the zero-waste lifestyle over Zero Waste Week.

#### the trash can.

4) Bring your own straw and utensils with you when you go out to avoid having to use single-use plastic.

5) Ditch the plastic bags and bring (or learn to make!) your own tote bag. They are sturdier and better for the environment.

## **UW launches Centre for Astrophysics**

Vaani Rajpal Reporter

The Waterloo Centre for Astrophysics (WCA) was launched on Oct. 4 with a vision for more innovative research in astrophysics and related fields.

During the launch, there were discussions for the development of various sub-fields of astrophysics. The talks ranged from investigation of extra-solar asteroids and comets, to observations aiming to understand the whole universe. There was also a public lecture by Harvard Astrophysicist Christine Forman about dark matter, dark energy, and the invisible universe.

WCA is an important addition

to UW's department of Physics. It will host visitors and meetings and hire young researchers in a research focused atmosphere.

The WCA will stimulate fundamental research in Astrophysics and Cosmology, catalyse and foster national and international collaborations. To do this, the WCA will partner with regional and international centres of excellence in astrophysics in order to promote synergies and further experiments where the WCA members have interests.

"We will facilitate dissemination of astrophysical sciences by hosting topical conferences and focused workshops, as well as by developing and maintaining an active visitor program. The WCA will engage the broader academic community at UW, as well as the general public, via physical and virtual platforms, in order to promote the significance of fundamental research and share the excitement of the science done by WCA members. In particular, it will strive to engage and recruit women, underrepresented minorities, and Indigenous communities in its scientific and outreach activities," Will Percival, Director of WCA, said.

Using astronomical observations and theoretical reasoning the WCA will help the careers of aspiring young researchers, helping them to unlock the mysteries of the universe. It will have an annual budget of approximately \$500,000, which comes from the university and from a research stipend Will Percival will receive as Astrophysics Chair.

The WCA will add to the graduate and postdoctoral training and mentorship undertaken at the University of Waterloo, leading to the successful entry of the trained highly qualified personnel into a career in astrophysics, cosmology and industry.

"As a young and dynamic institute we can support and exploit innovative and ground-breaking methods techniques and data. Astrophysics is, in many ways, the archetypal Big Data science. We have been manipulating and mining large data sets for many decades, and have developed many techniques for doing this. By tapping into the culture of innovation at the University of Waterloo, we can lead the world in the development and application of new techniques," Percival said.



### New conceptual in-space propulsion technology

\*

Joseph Mouallem



CURTESY LIW

Joseph Mouallem (left) and Jean-Pierre Hickey (right) are leading the research.

R esearchers at Multi-Physics Interaction Lab (MPILAB) in mechanical and mechatronics engineering are developing a revolutionary conceptual inspace propulsion technology.

Myself, along with Jean-Pierre Hickey, an assistant professor at the University of Waterloo, are leading this research which is sponsored by an aerospace tech company, Columbiad Launch Services.

In short, when we leave Earth and populate other planets/asteroids, we cannot take our fuel with us; we need reliable and fuel-efficient engines that work on fuels that are easily produced on those celestial bodies.

The traditional rockets or in-space thrusters are either high fuel-efficient with low thrust (e.g. ion thrusters), or low fuel-efficient with high thrust (e.g. monopropellants like Hydrazine).

The current research seeks a highly fuel-efficient and high thrust engine that works on an easily obtained power source.

Based on the nature of the surrounding planets and asteroids, the dust present on and under their surfaces will be the main fuel for this engine which will work via the combustion of aerosolized dust particles.

So let's say we got to Mars or any other planet or asteroid, then what? How do we replenish our engines?

Our idea is that we need to use what is available there which is mainly dust. We can mine it, then use it as fuel for our engines which will work mainly on metallic dust! In essence, the dust will be dispersed and carried to the combustion chamber by any compressed gas, the dust will heat (by a technology developed by Columbiad), expanding the gas, which will pass through a nozzle producing thrust.

Our team is currently using Computational Fluid mechanics to model the very complex multiphase turbulent reacting flow. This will help address a lot of scientific issues and predict the behavior of this technology.

We hope to advance our current understanding of the underlying physics through numerical modeling to ultimately build a first working prototype.

Nuclear modeling is cheaper to simulate reality on a computer than to conduct sometimes very expensive experiments in real life, how accurate you will get depends on your numerical models.

It is also safer, some experiments are very dangerous and can put people's lives in danger.

Finally, nuclear modeling is fast: having a supercomputer, you can simulate a lot of cases and scenarios to improve your design.

In terms of work restrictions on these subjects, it is easier to work on these kind of projects here in Canada compared to Europe and US.

The USA and countries in Europe impose tough restrictions on foreign scientists in this field.

## Velocity imagines a new *Concept*



Velocity launched Concept to encourage entrepreneurship in current students.

Vidyut Ghuwalewala Assistant News Editor

Concept by Velocity was launched on Sept. 10, 2019 with the idea of addressing student entrepreneurship on campus. Designed as a "pre-incubator" program to support UW students in an entrepreneurial and competitive world, their main focus is to turn students into innovators and prepare them for entry to top-ranked incubators.

"Concept is specific to the needs of students who are working on the project on the side as they're working towards finishing their degree, so any early-stage ideas, any exploratory entrepreneurial related activities that students want to engage with, we're happy to provide that for them," Camelia Nunez, the Director of Concept, said.

Velocity being the incubator, Concept's mandate is focused on startups, taking into account the needs of students on campus.

Students who have an idea can meet an established network of coaches on campus who can have private sessions to discuss ideas with them and guide them through the commercial process.

"I think universities don't really teach entrepreneurship and it's really important in the real world to develop these skills and get inspired by other people" Rida Siddiqui, a master's student at the university, said.

Especially for students who are in very early stages and are looking for ideas, Concept offers a variety of different events on campus for them to meet other like-minded students to talk about their ideas and share experiences.

Concept also has a partnership with the Faculty of Science to help students with science-based ideas.

"We support them through business coaching, and the Faculty of Science supports them with technical support," Nunez said.

"I'm really excited to have launched this new concept on campus and I think it'll be a much better and more engaging way to work with students and help them for the entrepreneurial world out there."

Concept is located on the second floor of the South Campus Hall at UW.

### imprint

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Next scheduled post-mortem meeting: Wednesday, October 23 at 4:00 p.m. Imprint Office, SLC 0137

Next scheduled board meeting TBD

Imprint Office, SLC 0137



ocial media has already taken our self-confidence, our attention spans, and our ability to be happy without external validation - and its next victim is our travel

opinions

Having visited or lived in 10 countries in the last three years during internships and backpacking trips, I've been blessed to have explored some lively adventures and tranquil experiences - including things from taste-testing crickets at the Bangkok night markets to watching the sunset from mainland Greece.

Yet, I've also been able to rather bluntly critique the travel habits of myself and those around me, and my fear is that our infatuation with social media is undermining our ability to reap the benefits that travel has to offer.

In an attempt to not be a complete pessimist on the topic, however, I've included my personal recommendations for how to bring travel back to life.

#### Problem 1: "Pics or it didn't happen"

The most obvious infiltration of technology into our travels can be seen at nearly every travel destination: our smartphones and cameras. In theory, the ability to capture memories on a camera and revisit them at other times and places is a seemingly beneficial capacity, though, unfortunately, it has been abused.

Last summer, I remember watching a World Cup soccer game in Dam Square, Amsterdam where fans from all over gathered. I can distinctly recall two British boys in front of me who so insisted on getting their perfect "post-worthy" pictures with their English flag waving amidst the crowd. While the rest of us were engaged in the match, exchanging high fives and conversation about our favorite teams, they spent their time taking what had to have been hundreds of pictures of each other and getting a rather rigorous thumb workout sifting through their not-quite-good-enough photos.

I think the phrase "Pics or it didn't happen" can summarize the problem rather swiftly, and I think we've all been a little guilty of this while travelling. We've begun to prioritize gathering evidence - as artificial as it may be - of our travels over actually enjoying and learning from the new settings we're in. After hiking to the top of a temple and being gifted an amazing view, the immediate mesmerizing reaction is quickly replaced by an urgent need to snap a post-worthy picture.

How can you possibly enjoy the view if your followers don't know you were really there?

Solution: Taking pictures while travelling to share on social media and being fully engaged in your travel experiences are not necessarily mutually exclusive – but I think it's easy for the former to undermine the latter. I've found that journaling instead of taking pictures allows me to be more present while travelling and to better personalize my memories.

#### **Problem 2: Fitting the Mold of Social** Media.

Another problem with social media and travel is that we too often manipulate the portrayal of our experiences such that they will be admired by others. I think there's a certain aesthetic that travelers seek to portray on social media. This manifests itself in specific forms (you know, the girl reaching back for the hand of the photographer), but it also comes in general themes, in which travel is consistently portrayed as blissful, beautiful and flawless, regardless of whether reality agrees. I went hiking with a girl in Spain who really struggled with the altitude and threw up several times on the way down. Sure enough, she later posted a picture to Instagram flexing and smiling at the top of the mountain with a caption suggesting just how serene the hike was.

Wouldn't sharing an honest description of the grueling yet rewarding struggle to her followers be more productive than hiding behind a false confidence?

I'm convinced that the real editing on social media is the selection of the content we choose to share - though there's plenty of photographical manipulation too. Travel is supposed to be about new experiences, both good and bad, and about growth, both euphoric and uncomfortable. But social media has convinced us that we need to construct picturesque highlight reels, and we merrily oblige by belittling or even hiding the less charming aspects of travel where the real value lies.

Solution: Social media is inherently unequipped to provide context and accuracy behind posts. If you want to really hear about someone's travel experiences, have a conversation with them and ask about the

joys and the struggles. I've also found that making photo books of my travels is a much better way to preserve and share my experiences with friends and family.

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

#### Problem 3: Letting go of Surprise and Serendipity

Travel should be about throwing ourselves into the unknown and authentically participating in a new environment. I fear, however, that social media is removing too many of the healthy unknowns and genuine experiences from travel.

My favorite weekend trip from these last three years was not my thoroughly planned trip to Germany, or my strictly itinerary-followed journey through Paris; it was my trip to a small town in northern Italy that I picked off the map with only some rough ideas of hikes to do. A plane, train, and two buses later, I met and stayed with a local family and asked for recommendations. I was not only advised of the best routes to follow during hikes, but also received other local advice on the best spots to grab some tasty minestrone and which direction storms tend to roll in from.

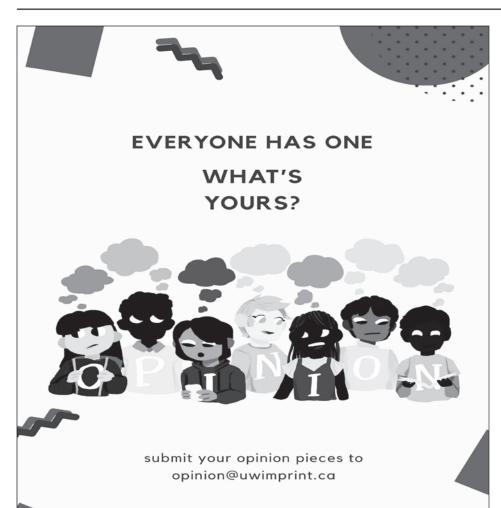
The surprises were exhilarating, and the experiences were genuine. Too often, however, if we want to travel somewhere, we're overstimulated with a multitude of trip itineraries to follow from travel bloggers. And before we even pack our bags, we can see everything from the menus of restaurants we'll visit to the exact views we will see at the summits of our hikes.

**Solution:** Don't ruin the surprises! And don't over-plan based on what's available online. Of course, logistics planning and some basic safety research is necessary, but I've found that interacting with locals is a much better way to explore and prevent against simply replicating what other tourists have done.

We must make travel our own.

Travel is beautiful because of its unparalleled ability to expose us to new ways of life and promote interpersonal and self-growth. However, in order to bring travel back to life, it must be documented modestly, portrayed honestly, and remain unknown to a healthy degree.

> **Connor Huxman** Biomedical Engineering, Fourth Year



# It's better live

here is a feeling that you get when you find out your favourite artist is playing near you soon.

For me, the thrill of knowing you get to hear the same songs that have served as the soundtrack of your life is not only hard to comprehend but downright revolutionary.

Bear with me, I know I am speaking in extreme hyperboles here.

But I stand by it.

Over the last three weeks, I have gone to five concerts. Even though my bank account suffered severely and my anxiety shot through the roof about time that could have been spent studying, I wouldn't have traded the experiences for anything in the world.

I fundamentally believe that music is better live than it is on an album. I know that some people might disagree, but to them I say that there is a distinction between what an artist sounds like live, and the general conceptualization of seeing a musician live.

I have been to some bad concerts. A particularly bad one was last January when I saw female rapper Noname on the Danforth in Toronto.

She was drunk and could barely get through her songs. She spent the majority of her time dancing to her background vocalists rather than singing.

Another particularly bad experience was Daniel Caeser, a couple of weeks ago at the Budweiser Stage. Although I love Daniel Caeser, the concert proved disappointing because he spent most of his time jamming with his background singers or lettin his audience sing the words for him.

Not to mention he only played for an hour, even though his openers played for two hours prior.

But even then, I still would not trade the experience for anything. As I mentioned before, there is a lump in your throat when you realize that an artist you love is going to be geographically near you, which is mindblowing enough.

Then comes the pre-show hype. The rush to pick out an outfit that will go with the crowd of people who remain distinct per genre. Also a part of the pre-show hype is listening to their music again as if you're deprived of it or scared to forget the words.

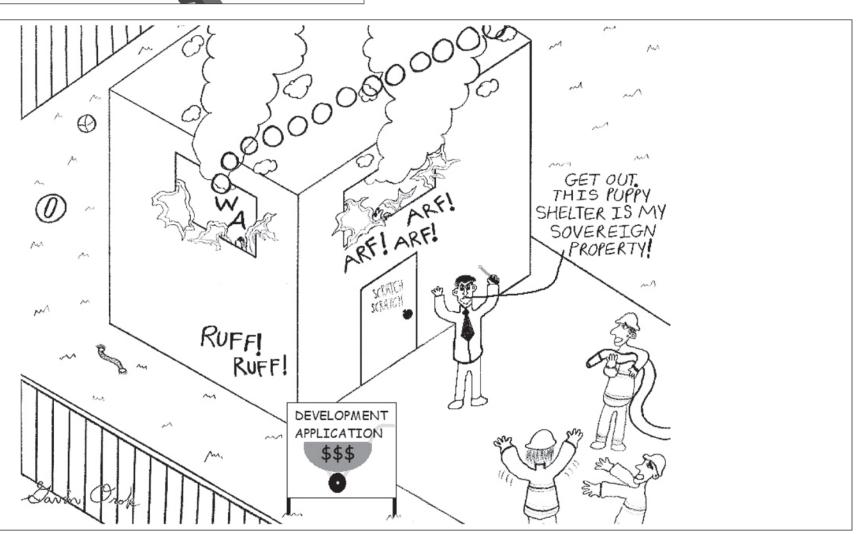
And then? The best part.

The screams when they come on stage. The collective push that brings you closer to the stage. The yelping. The hello.

The moment you are in the same room as someone you have only heard in your ears but never seen with your own eyes.

Man, nothing beats concerts.

Anonymous Writer



**Rachel Jung** 



### upcoming events

#### October 2019

For all of UpTown Waterloo Fall 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.

Gamelan - join the world music enemble or community gamelan. No experience required. For more info www.uwaterloo.ca/ music/ensembles.

Choral and Ensemble auditions begin.

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

#### Thursday, October 24

**Emmanuel United Church** presents "Lion Bear Fox" at 7 p.m. at 22 Bridgeport Road, W., Waterloo. 519-886-1471 or info@emmanueluc.ca. Friday, October 25

#### Concerto and Aria Competition deadline today. For full competition details and application forms, visit uwaterloo.ca/music/

competition. Wednesday, October 30

Join us for the "Springdale Trio" per-formance playing Haydn, Beethoven, Bolt-Martin, McDonald at 8 p.m. at KW Chamber Music Society, 57 Young Street, W., Waterloo (walkable from campus). To reserve tickets contact jnarveso@uwaterloo.ca

#### **Tuesday November 5**

Join SVP Waterloo Region at Perfect Pitch where seven charities have three minutes to pitch a service that helps our community thrive. For tickets www.socialventurepartners.org/waterloo-region/ perfect-pitch/.

#### Saturday, November 9

Love of Music Marathon at First United Church, King and William Streets, Waterloo, from 10 a.m. to 5 p.m. Community gathering of 300 musicians. Drop in and enjoy the fun! For more info www.loveofmusicmarathon.com.

#### Saturday, December 7

5th Annual Galaxy of Gifts fundraiser at Luther Village on the Park at 3 p.m. Over 65 vendors, baked goods, jewellery and more! Free admission to BBQ, silent auction, door prizes and hot apple cider. For more info 519-783-3710.

### volunteering

Bereaved Families of Ontario - Mid-

#### WHAT'S HAPPENING AROUND TOWN

Submit your 30-word announcement or upcoming event to ads@uwimprint.ca for free.

> western Region, The Family Centre, 65 Hanson Ave., Suite 1042, Kitchener. We currently have a number of exciting volunteer opportunities. For more info, jaime@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.



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

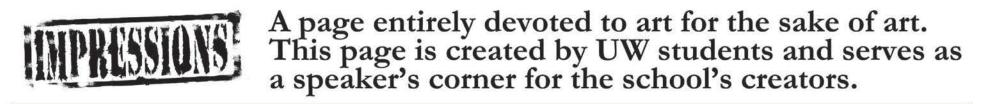
- Training is provided.

- \$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.











START WHERE YOU ARE. USE WHAT YOU HAVE. DO WHAT YOU CAN.

#### 3 2 4 5 6 1 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 JOSH GOI DSCHMID

### Wish I was better read

#### Across

- 1. Crazy or unbelievable
- 5. Grade 12 and 13, in Quebec
- 8. Explode
- 9. Oldest Belcher child (Bob's Burg- 3. Yellowfin, ahi, and albacore ers)
- 10. A separator of clauses, ideas, or 6. Electronic athlete words
- 11. Marvel's Aquaman
- 12. Peak performance, for a hawk
- 14. To attribute fault
- 15. A. B. Paterson
- 19. A peak or summit
- 20. The first Avatar: The Last Airbender
- 22. A playfully mischievous sprite 23. Beach Boys 12th album, scan-
- dalously never completed
- 24. Hemsworth or Neeson

#### Down

- 1. Target of a puck or soccer ball
- 2. Toilet for those who pee while standing
- 4. Canned meat
- - 7. Maintaining a push-up position 10. " \_\_\_\_" me a river
  - 13. In which a muscle is severely weakened
  - 14. "Punch-buggy no punch-
- 15. Being elsewhere at the time
- 16. Motion of a wave
- 17. To affix or fasten through pounding
  - 18. 2019 movie with Adam Levine 21. CBC's free streaming service



### Solutions to last week's crossword

1										
	Α	R	В		N	E	т	S	υ	Α
Y	F	I	L	L	ο	м		Т		w
E	R	с	А		D	E	н	с	R	A
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т		L	т	м		s	E	в	U	т
		E		о	v	ο		Е		
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