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**THRIVE MONTH AT UW**

The University of Waterloo's Thrive Initiative runs from Oct. 18 to Nov. 12.



**NEW CLUB ON CAMPUS**

UW Against Child Abuse aims to reduce the mistreatment of children. P7

**UW VALORANT GOLD TEAM P5**

The team won its first series in the ConferenceOne Esports Valorant league.

**GRADS IN BIOMED TECH P9**

UW electrical engineering alumni co-founded Baylis Medical Company Inc.

**REDEFINING THE 'GOOD LIFE' P10**

Rebuilding society can be the foundation to an ecologically sound and socially just world.

# Maclean's ranks UW as Canada's most innovative university. P2





# Ontario government to reduce COVID-19 safety restrictions

Nicola Rose  
Managing Editor

The Ontario government is expected to unveil a new reopening plan for the province, which includes phasing out proof-of-vaccination requirements and reducing or ending capacity limits in most environments.

Starting Oct. 9, the government eliminated capacity limits for cinemas, theatres, meeting spaces and venues for sports, concerts and other events. Since then, the Canadian Federation of Independent Business and the Ontario Chamber of Com-

merce (OCC) have questioned why these larger venues were able to open at 100 per cent capacity while smaller businesses such as restaurants and fitness studios remain restricted.

According to the Waterloo Record, a source said the province will release a plan sometime in the week of Oct. 18 with information about when capacity limits in these settings can be lifted.

However, Dr. Kieran Moore, Ontario's chief medical officer of health, said the loosening of restrictions will occur gradually, with new phases being introduced based on regular reviews of COVID-19 data. In the article, he also said he hopes the government

will wait until findings from the Thanksgiving holiday weekend are confirmed before removing restrictions.

The Waterloo Record article also mentions that Rocco Rossi, the president and CEO of the OCC, expressed appreciation for the coming announcement. However, he stated that the inconsistent treatment of different sectors was a poor choice, especially since the government did not reveal the data behind the separation.

Moore said internal data from the government showed increased risk in restaurants, bars and clubs compared to larger venues with better screening, cleaning, ventilation and vaccine verification systems.

Overall, business and government leaders have expressed a desire for increased consistency and transparency when it comes to the decisions about safety restrictions.

The removal of vaccine requirements specifically will occur through a phased approach, according to Moore, with vaccine certificates likely remaining in place for mass gatherings for the foreseeable future.

As of Oct. 18, more than 81 per cent of Ontario residents aged 12 and older are fully vaccinated — more than 87 per cent of those aged 12 and older have received at least one dose. Provided case counts remain steady or decrease, the province may transition past Step 3 of the reopening plan.



HEATHER ECOBICHON

# UW ranked #1 as Maclean's most innovative Canadian university...again

Nicole Howes  
Assistant News Editor

The University of Waterloo has been named the most innovative Canadian University for 2022 by Maclean's.

UW had previously held this title for more than 25 years until it was awarded to the University of Toronto last year. However, thanks to the countless incubators and entrepreneurial programs such as Velocity, Concept and St. Paul's GreenHouse, Waterloo has once again earned its number one place.

Velocity is UW's forefront innovation

incubator and among the most successful Canadian pre-seed and seed incubators. In 2021, Velocity reported raising more than \$2.4 billion USD, a drastic 40 per cent increase from 2020. Velocity has supported numerous successful tech companies including Faire, Kik, Embark and OpenPhone by assisting in product development and support to achieve business and technical milestones faster.

In 2023, UW is set for a new facility named the 'Innovation Arena' in the center of the Kitchener-Waterloo Innovation District. This facility aims to expand the Waterloo region's health tech sector and produce new innova-

tive health technologies as well as assist in commercialization pathways for businesses. With the \$10 million dollar investment from FedDev Ontario in August, the university is continuing its push for health innovation in southwestern Ontario as well as helping fund the Innovation Arena. With UW's Velocity being at the center of this facility they hope to continue their success being the most productive incubator in Canada.

Maclean's rankings are based on university faculty, senior administrators and business people's opinions and views from across Canada, with the hope of giving students the best information to make an informed choice

on their education.

Some other awards UW earned include: third place in the Leaders of Tomorrow category, fourth in the Highest Quality category and third best overall university.

In an article by Waterloo News, UW president and vice-chancellor Vivek Goel said, "The University of Waterloo continues [to] exemplify its leadership in the areas of innovation, experiential education and developing talent for a complex future...It is because of our exceptional community of students, researchers, faculty members, staff and university partners that we continue to achieve such prestigious rankings in Canada."

# Thrive Month at UW

Building positive mental health for all

Rebecca Butler  
News Editor

Within the past five years, the number of university students suffering from mental health conditions has risen significantly. According to a report from the Council of Ontario Universities, 46 per cent of postsecondary students feel too depressed to fully function and 65 per cent experience overwhelming anxiety. To combat the growing issue of mental health in the university community, the University of Waterloo has launched the Thrive Initiative, running from Oct. 18 to Nov. 12.

The initiative has three main goals: enhancing mental health literacy, building healthy habits and self-care skills and fostering a supportive and inclusive community.

“With all of us returning to campuses this term, I know you all have been managing a lot of change, such as adjusting to new ways of learning and working,” said UW president and vice-chancellor Vivek Goel in a video. “Transitions can be difficult, so it’s important to take care of yourself and your mental health.”

Events will be taking place all throughout Thrive Month, including several speaker series, community walks and group activities. Students can attend the “Let’s talk about mental health at the intersection” presentation on Oct. 21, or the “Plan for resilience” talk on Nov. 1.

UW’s second annual Student Mental



SARAH MORASSUTTI

Health Research Conference will also be held on Nov. 10. The conference aims to share knowledge, connect researchers and promote mental wellness through presentations.

During Thrive Month, the Thrive Creative Showcase will be open for submissions. Students can share pieces of writing, music or art that showcase their wellness journey. Submissions will be

shared across social media and in UW’s campus wellness communications.

Students who are interested in helping to support their community can apply to become a Thrive ambassador. Ambassadors act as liaisons between the Thrive Planning Community and the students, spreading awareness about events and taking on leadership roles.

“We can all strengthen our mental health by learning about it, talking about it, and exploring new tools and resources,” Goel said. “Please remember, it is normal to feel stressed, anxious and overwhelmed. If you need help, reach out to your instructors and make use of the resources and services available to you. Please also make sure to check in with yourselves and each other.”

## Free legal aid for survivors in Waterloo

Pratyusha Varma  
Reporter

Waterloo Region’s Sexual Assault Support Centre is setting a precedent by introducing a pilot project that will provide free legal aid to survivors of sexual violence.

The position of a sexual violence legal advocate is being funded by the Law Foundation of Ontario, which aims to provide access to justice in the form of grants for legal aid, research and education. The service includes case management, individual advocacy, assistance with documentation and court accompaniment.

According to the Ontario Women’s Directorate, only 33 of every 1,000 cases of sexual violence are reported to the police out of which even fewer are prosecuted and convicted. These numbers tend to deter the faith that survivors have in the system. A lot of survivors also feel ashamed and don’t have the support they need to go through the legal system. More often than not, survi-

vors of sexual violence are often stuck fighting within the legal system for years and are re-traumatized through every step of the process. Going through the justice system is also very expensive.

SASC’s step toward providing free legal aid to survivors from the beginning to the end of the process will hopefully increase access to justice and willingness to go through the system for survivors. Since this is a pilot program, they plan to assess and evaluate the impact of the service to create a larger program and support more survivors.

As a service now available in the Waterloo Region, students affected by sexual violence can seek counsel at SASC as well. Other services that SASC offers are support chats, individual and group counselling, helplines and family support systems.

Students at the University of Waterloo that have been personally impacted by sexual assault or sexual violence can also reach out to the Sexual Violence Prevention and Response Office for additional resources and support.



SARAH MORASSUTTI

# UW rises in international employability rankings

Rebecca Butler  
News Editor

The COVID-19 pandemic may have brought the Canadian economy to a halt, but the working world has finally begun to recover. The newest set of University of Waterloo graduates will have a high chance of being employed, as UW has reached the 24th spot in the QS Graduate Employability Rankings for 2022. 786 institutions were included in the rankings this year, meaning that UW is in the top five per cent of all schools.

Ross Johnston, executive director of co-operative education at UW, spoke to *Imprint* about his plans to continue supporting students and identifying ways for the university to improve.

“We are really proud of this accomplishment and recognition. It demonstrates the success of our students and the value of the work we do here to prepare them for what comes next after university,” Johnston said. “While we can’t predict how the future of work will evolve, we want to support our students in making sense of an uncertain future.”

The QS rankings consist of several categories that evaluate an institution’s overall graduate employability. UW ranked 16th in the ‘partnerships with employers’ category, which measures the number of distinct employers who are actively present on a university’s campus. This high rating is likely a result of the co-op program, which invites over 7,000 companies to recruit from Waterloo each year. UW also had a noticeable jump in the ‘graduate employment rate’ category, rising from 94th in 2020 to 74th this year.

Despite the impressive results, there is always room for improvement. Recent graduates are doing well, but many first- and second-year students struggled to find co-op placements during the COVID-19 pandemic. Software and technology-focused programs were less affected because these jobs can easily be done remotely, but some other programs have had difficulty.

“We understand the pandemic has presented new, unique challenges to many of our students,” Johnston said. “We also know the workforce will continue to be volatile and unpredictable, and organizations need to explore innovative ways to adapt and be prepared for the future. We continue to focus job development efforts on programs that have below average employment rates to increase the number of relevant opportunities available for students.”

While co-op employment rates were noticeably lower during the pandemic, Johnston said the number of job postings has

now increased to above pre-pandemic levels. 7.9 per cent more jobs were posted in fall 2021 compared to fall 2019, and the winter 2021 co-op term saw the highest-ever number of students employed.

As the co-op program continues to grow and more positions return to being in-per-

son, Johnston said the university will make an effort to create new opportunities for students and acquire more funding to support international travel. Above all, Johnston said he hopes that co-op students and UW graduates will continue to perform well in the future.

“We want to provide students with more opportunities to reflect on the skills they are building through their academic studies. It’s our hope that an increased need for Canada’s skilled graduates can lead the way for economic growth — and that Waterloo graduates will be an integral part of that.”



# 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](mailto:sports@uwimprint.ca).

## UW Valorant Gold team off to a strong start

Eduardo Matsumiya  
Head Copy Editor

This year, on Oct. 5, The University of Waterloo's Valorant Gold team played their first game of the season with ConferenceOne Esports (CF1), a third-party organizer for college varsity esports, against Ottawa University, a private university based in Ottawa, Kan. While the organization is based in the United States, CF1 allows Canadian universities to participate in the league as well.

The team pulled off an impressive reverse sweep after losing their first game, winning their best-of-three series with a 2-1 score. Timmy "Kip" Tram, the in-game leader for the UW Valorant Gold team, shared some of his thoughts on how the match went the following day.

"For the first [game] we were caught a little off guard because we thought we were going to win. We practiced a good amount on that map and thought we would sweep them and do really well, but they said otherwise and we decided to just bounce back and play for the next two [games]," Kip said.

Being down a game early in a series is bound to happen, even to the best of players, but Kip and his



VIA ENGADGET

team have learnt to remain confident even in suboptimal situations.

"We weren't really fazed when we lost the first game...There wasn't really much pressure or anxiety when it came to the second or third [games], it was just more of how fast or how well we can pick ourselves up to win the next one," Kip said.

Even with the pressure to perform in their first game of the season, Kip and the team said they can't help but look forward and continue to prepare for what's

coming next, showing absolute dedication to their craft.

"We weren't really as excited or ecstatic [about] the win...We immediately started talking about what we could improve on and what we should do next to prepare for the next game," Kip said.

The UW Valorant Gold team itself is almost entirely new this term, with four out of five players being new recruits. Kip himself serves as the in-game leader, in charge of calling the shots and leading the

team's overall strategy throughout the course of each game.

"I would say it's pretty cool. All of the guys on the UW Gold team are pretty nice, pretty cool and very cooperative. They're not very hesitant to tell me if I'm doing something wrong or not. I'm very glad that I'm the in-game leader for this team," Kip said.

As with any varsity-level athlete, Kip has to manage his esports career with his academics, especially as a first-year health studies stu-

dent. On top of competing in the CF1 League, the UW Valorant Gold team is also looking to join the OPSE league's inaugural Valorant season, which starts on Oct. 18.

Balancing commitments from two different leagues on top of regular schoolwork is no easy feat.

"Just expect us at the grand finals in the next few weeks."

TIMMY "KIP" TRAM, UW VALORANT GOLD TEAM IN-GAME LEADER

"I was already expecting to already be overwhelmed with school work but that doesn't stop me from doing the things I love to do, which is playing Valorant competitively. I'll probably just take things slow and go with the flow and enjoy it," Kip said.

"Just expect us at the grand finals in the next few weeks."

With files from Chauvin Zhou

**imprint**

**THIS WEEK IN ATHLETICS**

**WATERLOO WARRIORS**

**GO GOLD GO**



**FOOTBALL**  
OCTOBER 23 | WARRIOR FIELD  
1:00 PM  
VS WESTERN



DONOR APPRECIATION DAY

### SOCCER

OCTOBER 20 | WARRIOR FIELD  
(W) 6:00 PM, (M) 8:15 PM  
VS WESTERN

### W RUGBY

OCTOBER 22 | CIF LOWER FIELD  
3:00 PM  
VS WESTERN

### FIELD HOCKEY

OCTOBER 22 | WARRIOR FIELD  
7:30 PM  
VS GUELPH

### THRIVE SHADOW BOXING

OCT. 21 | 12:00 PM  
WARRIOR FIELD

Reserve your spot today!  
Visit [warrior.uwaterloo.ca/booking](http://warrior.uwaterloo.ca/booking)

### WARRIOR INSIDER

Stay up to date with the Warriors!  
[gowarriorsgo.ca/warriorsinsider](http://gowarriorsgo.ca/warriorsinsider)

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**ATHLETES OF THE WEEK**

**MORGAN BERG**  
SOCCER

**SEBASTIAN GUERRIERI**  
SOCCER



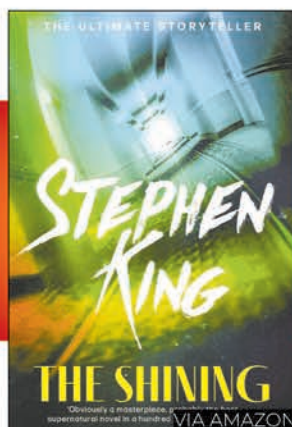
## Try some new Halloween content this October



VIA PODTAIL



VIA IMDB



VIA AMAZON



VIA IMDB



VIA WIKIPEDIA

Erin Froud  
Assistant Arts and Life Editor

Everyone has their Halloween content staples – The Nightmare Before Christmas, Nightmare on Elm Street, Hocus Pocus. But even old favourites can get stale. Luckily, there is no shortage of spooky content available, so if you want to discover something new this October, here are a few recommendations to get you in the Halloween spirit.

### Podcast: "But Make It Scary"

Join host Sequoia Simone, also of "Fanatical Fics and Where to Find Them: A Harry Potter Fanfiction Podcast," as she and a guest rewrite classic romantic comedies to be horror films. Each episode, both she and the guest of the week, who is usually another popular podcaster, discuss the virtues and flaws of a romantic comedy before each trying their hand at turning the romantic film into a scary movie.

The results are in equal parts scary, funny and charming. You can find the podcast on Spotify, Apple Podcasts or wherever you normally get your podcasts.



VIA KIND PNG

### Film: *Young Frankenstein*

If you do want to watch a film but aren't a fan of horror movies, Mel Brooks' classic 1974 spoof of the old black-and-white Frankenstein films might be for you. *Young Frankenstein* follows Frederick Frankenstein, played pitch-perfectly by Gene Wilder, who manages to balance being the straight man with some incredible physical comedy. When Frederick inherits the estate of Victor Frankenstein, he attempts to recreate his infamous grandfather's work and create life. Featuring a whip-smart script and incredible performances from some of the greatest comedians of the late twentieth century, including Madeline Kahn and Cloris Leachman, *Young*

*Frankenstein* is the classic Halloween comedy, and should definitely be included on your list this year.

### Book: *The Shining*

Stanley Kubrick's *The Shining* is a classic horror film and a yearly Halloween watch for many. If you enjoy *The Shining*, or other psychological and supernatural horror, why not check out the original? Just like its film adaptation, Stephen King's 1977 horror novel *The Shining* is a classic of the genre. Arguably even scarier than the film, this novel is one of King's greatest and should definitely be on your October reading list.

### Television: *Over the Garden Wall*

*Over the Garden Wall* has had a cult following since it first premiered on Cartoon Network in 2014. A modern fairy tale, the series tells the story of Wirt and his younger brother Greg trying to get home as they travel through the mysterious Unknown, encountering friends and enemies along the way. While sometimes creepier than a children's program usually is, following in the footsteps of *Coraline*, the show balances whimsy and darkness, matched by a perfect soundtrack in a beautifully-animated Autumn setting.

With 10 episodes, each around 10 minutes long, the entire series can be watched in under two hours, making it a delightful alternative to a scary movie night.

### Music/Musical: *Ghost Quartet*

While its dissonant sound and multi-layered plot may not appeal to everyone, composer and actor Dave Malloy's concept album *Ghost Quartet* is perfect for those attracted to gothic horror. Described as "a song cycle about love, death and whiskey," the intricate story follows Rose Red as she travels through several different lifetimes, seeking revenge against her sister and the man who broke her heart. While it takes a few listens to get used to, the songs will get stuck in your head, deciphering the details of the plot becomes a fun puzzle the more you listen and it makes a wonderfully spooky soundtrack for your October.

There are two different versions of the album — the studio recording, called simply *Ghost Quartet*, is great if you just want to listen to the songs, while the live recording *Live at the McKittrick* is perfect if you want extra content from the show itself. Both are available on Spotify. Additionally, if you're interested in seeing the show, Dave Malloy generously uploaded an official recording to YouTube to keep fans entertained during quarantine.



SARAH MORASSUTTI

# From Idea To Creation

Abhiraj Lamba  
Arts and Life Editor

Creative Medium: Writing (poetry, short stories, screenplays, etc.)

The last poem I wrote, *When My Words Left Me*, was a soliloquy in verse form, written from the point of view of a poet who was unable to write. Funnily enough, a lot of what I write deals with writer's block, so I am no stranger to the anguish that comes along with it.

To come up with ideas, the first thing you need to do is figure out what inspires you. Inspiration can come from anywhere — from our own daily experiences to the conversations we have with others. I have found that I am often inspired to write when I read, listen to, or watch something I really enjoy. More often than not, it isn't even inspiration in terms of content, but rather in terms of the quality that I want to strive for.

While a good book or a movie is an amazing source of inspiration, I have found that nothing beats listening to quality music. I have a playlist called "My Muse" with songs from artists like Taylor Swift, Halsey, When

Chai Met Toast, Prateek Kuhad and others whose songwriting skills inspire me. Some time back, I noticed that some of my best ideas come to me when I am listening to music, and because of this, I have made it a ritual to listen to music before I sit down to write.

In my experience, ideas never come all at once or in a linear manner. Sometimes, I think of a character and that's all I need to begin a story. Other times, I begin with world-building. I wrote a story last year, *Incomplete?*, and the first thing I wrote for that was the ending. At that time, I did not know my characters, their experiences or where they started from. All I knew was where they would end up. The same is true for poetry as well. Sometimes all I begin with is a line or two of verse, and then I go where the pen takes me. It doesn't even need to be the beginning of the poem. As a matter of fact, most times it isn't.

When I finally get down to writing, I have just one rule for the first draft — leave editing for later, rather than editing on the go. As I mentioned earlier, ideas come to me in a non-linear manner, so that's how I write my first draft as well. While doing this, I don't let restrictions like word lim-

its, using "appropriate" language or structure stop me. The first thing to do is to get all the ideas on paper. Then I start structuring, putting my ideas in a somewhat comprehensible order and connecting them as needed. Once the story or poem is structured, I read it a few times and edit it. Once I am done with the first edit, I just try and forget about it. I start working on something else before I come back to it. If possible, I try to not touch it for at least a week. When I get back to it, I usually don't come back to the amazing piece I remembered writing, but rather a terrible one in need of refining. That week that I spend away from the piece help me come back to it and look at it, not as its writer but as a reader and an editor. From there, it's just a lot of editing, with breaks to listen to my "My Muse" playlist for much needed inspiration, until I am ready to share my work with the world.

Almost always, some ideas end up on the cutting room floor, because they don't fit in with the larger piece that I end up writing. As someone who believes that no idea is bad, I take all of these and write them out in my "Ideas Diary." I don't worry much about how I would use these ideas because inspiration can strike at any time.



SARAH MORASSUTTI

If you are an artist who would like to share your creative process for "From idea to creation," please contact [arts@uwimprint.ca](mailto:arts@uwimprint.ca) and [assistantartseditor@uwimprint.ca](mailto:assistantartseditor@uwimprint.ca).

## New club at UW seeks to reduce child abuse



VIA UW ACA LINKTREE

Nicola Rose  
Managing Editor

A new club at the University of Waterloo, UW Against Child Abuse (UW ACA), is working to reduce the mistreatment of children by sharing information about child abuse and supporting organizations that fight against it.

The club's co-presidents, fourth-year

psychology student Lyne Baaj and fourth-year biomedical science student Emma Jutlah, said they were inspired to start the club to combat misinformation surrounding the issue and reinforce the work of existing organizations working to reduce child maltreatment.

"We wanted to create a safe space to share reliable information about child abuse and the steps you can take to prevent or report it. Children deserve positive and healthy care

— we wanted to do what we could to make that happen," said Baaj.

Although the mistreatment of children and youth is acknowledged in popular culture and the political world, conversations about child abuse are often filled with misinformation. According to research from the *Journal of Child Sexual Abuse*, part of the issue stems from the fact that it is "difficult to comprehend the horror of sexual crimes against children."

As a result, "society's denial and disbelief have often unwittingly supported the agendas of those who want to discount or minimize the impact of these crimes."

Online especially, misinformation about child abuse and similar issues is rampant, and much of the available material can be harmful to vulnerable audiences.

"There is a lot of poorly worded or structured information that is psychologically dangerous for people to read or watch," Baaj said.

Accordingly, UW ACA seeks to provide "reliable information in a way that is psychologically safe," Baaj said. "For example, all of our posts have clear trigger warnings and mental health resources to access support," she added.

The club has three big teams that work together to create content for social media and organize events. "The first two teams are the Outreach Team and Research Team.

They work together to research content about child abuse and format it in accessible ways to then post this information on Instagram. The Events Team is currently working on organizing one event this term to raise money for organizations that fight against child abuse," Baaj said.

As co-presidents, Baaj and Jutlah offer support, guidance and structure to the operations of the club.

In the short term, UW ACA is working to raise money to combat child abuse. "We do so through our Instagram and events that we are organizing," Baaj said.

Many of the club's materials on social media outline steps people can take to reduce the mistreatment of children. "For instance, we share information about steps to take to report child abuse, and who to reach out to for psychological support," Baaj said.

In the long term, Baaj hopes the material UW ACA creates will help the populace combat the issue more effectively.

Students interested in joining UW ACA are encouraged to follow the club on Instagram @UWAgainstChildAbuse. "We share weekly educational content there and updates about our events," Baaj said.

"You can also become a general member; this will give you access to our newsletter which contains more resources, articles to read, and ways to become involved in the fight against child abuse," she added.



## UW's *Illuminate* teaches youth about climate change solutions

Jamie Lehouillier  
Reporter

The University of Waterloo's Interdisciplinary Centre on Climate Change (IC3) and Games Institute has launched an interactive, science-based desktop game called *Illuminate* to teach Canadian youth about modern climate change solutions.

*Illuminate* works to showcase climate science in a way that is comprehensible for Canadian youth. The game includes interactive scenarios where students make thoughtful choices about dealing with certain types of climate change challenges. This includes rural (agriculture), urban (cities, heat), coastal areas (flooding, effects from storm surges)

and more. *Illuminate* is meant to be played through multiple times, so students get a good idea of how climate policy works in Canada and internationally. The game involves using coins to make solution choices, which also helps teach youth about the costs and benefits of policy choices as they act as the policymakers. For ease of use, the game has a narration feature. The graphics are also easy to comprehend, and there is no timer.

"We officially launched the game in January 2021 due to the setbacks related to the pandemic and lockdowns. Currently, it resides on our university website, and we have partners that help spread awareness and draw atten-

tion to it externally," said Simon Glauser, the managing director of UW's Climate Change Centre.



When it was originally launched in January of 2019, the game was intended to be sent out to local school boards for Canadian youth from Grades 4 to 12.

UW's IC3 specifically works with a group in schools called

"Protect Our Winters Canada" and one of their programs "Hot Planet, Cool Athletes." Glauser mentioned that "one of their mandates is to get climate-change science concepts into the hands of teachers and students — so, they have a platform where they promote the game for us externally, aside from the work that we do ourselves to meet with school boards about integrating it into local teaching."

They added that this was a significant collaboration on campus between IC3 and the Games Institute — "It's completely science-based, coming from the University of Waterloo as our starting point. We are a research institute, first and foremost. So, we aimed for this game to really be

at that interface between science and education. We really wanted to translate that science into a useful format for our younger groups in schools."

By targeting this earlier educational cohort before they get to university, *Illuminate* aims to help spread general awareness about the complexities of climate change and its solutions. As Glauser said about what the game teaches youth, "there is no perfect solution but staying the course in status-quo is certainly not the desirable one here."

Currently, the game is only available for Chrome, Android and PC with no mobile version. Users can download it and play anywhere or click "run" on the browser, until a mobile version is created — which is currently in the works.

## Your wallet is going green this fall with Tethys e-ID

Hayley Austin  
Science Editor

A University of Waterloo graduate has co-founded Tethys e-ID — a digital identification app which aims to make sharing personal identification more convenient, efficient and secure.

Founded by UW alum Ben Janetos and University of Liverpool graduate Ulysses Koudou, Tethys e-ID works through a quick scan of a QR code on a user's phone and is working to help users' wallets go green.

"It really is the time to be rolling out products like this, to digitize, with a focus on reducing the need for plastic and paper identification validation," Janetos said. "This is just one more step toward helping environmental causes."

According to a study by the World Economic Forum, around 8 million pieces of plastic end up in the world's oceans every single

day. This plastic pollution has devastating impacts on marine ecosystems and the wildlife within them, as wildlife ingest plastic or become entangled. Plastic identification cards may end up as microplastics, or plastic pieces that are less than five millimetres long, which have equally traumatic impacts on the world's marine ecosystems, as they are often ingested and have toxic impacts on wildlife.

Once you download the free app, which is available for android and Apple devices, users will create a profile by taking a profile photo to capture their biometrics. Then, users are able to upload photos of their identification, such as the user's driver's licence, passport, health card and so on. In the background, several artificial intelligence checks will be done to ensure that all identifications belong to the singular profile. Once everything is validated, the information is then



VIA TETHYS

available through encryption to the mobile app in the form of a randomly generated number, which allows those who scan it to read that information, but only the information they require.

The app only allows certain identifications to be read by certain companies that partner with Tethys by scanning the unique barcode. For instance, a bar will only be able to gain access to a certain set of information, such

as your driver's licence, while a financial institution will be able to gain access to another set of information which may include other forms of identification.

When it comes to security of a user's personal identification, Koudou ensures that it is as secure, if not more secure, as holding that identification in your physical wallet. "Data is protected within the database and as it moves from one place to another," Koudou said, adding that data is protected by encryption. There are also other background encryptions at play that will protect the user's personal information.

Tethys e-ID is currently rolling out in businesses in the Kitchener-Waterloo region, as well as within the Greater Toronto Area, with an interest especially in university campuses. If adopted on the University of Waterloo campus, Tethys e-ID would allow students to have their stu-

dent identification cards available through the app. The convenient, more environmentally friendly, accessible service requiring a simple scan to gain access to necessary information, could very much benefit students.

Most recently, the company has been working to develop the ability to act as a vaccine passport. The government has begun rolling out their own vaccine passport application this week and so during this transition, Tethys e-ID is offering an all-in-one service, with both a user's identification and vaccine proof available through the one app.

As of now, using Tethys e-ID does not erase the need to carry around a physical copy of a user's identification, as some establishments require a physical copy. Though, as Janetos expressed, it is the vision that one day, Tethys e-ID can replace the need for physical identification cards all together.



# UW graduates finding success in bio-medical technology

Sarah Hammond  
Reporter

University of Waterloo electrical engineering graduates and friends, Frank Baylis and Kris Shah, have achieved great success in the biomedical technology field and, together, helped found Baylis Medical Company Inc.

Baylis Medical is an internationally-recognized developer of medical devices, specifically in cardiac electrophysiology. Baylis and Shah's background in electrical engineering was key to their progress in the biomedical field, since the principles they learned can be directly applied to the electric components of the heart.

Baylis' mother, Gloria Baylis, was a nurse who realized the im-

portance of a medical device distributor in Canada and founded Baylis Medical Company in 1986. After completing his undergraduate degree at UW and working at another company to gain experience, Baylis joined his mother in 1989, shortly followed by his friend and colleague Shah, who joined their team in 1990. The company switched focus from distribution to development of medical devices in 2001 when they commercialized their first product.

"A lot of our success is directly related to education and connections we made at Waterloo," Shah said.

While at UW, Baylis and Shah were both involved with the Engineering Society and were both editors of the Iron Warrior, a student newspaper for engineers. Shah was also a part of the Engineering Executive Council; they encour-

age current UW students to take advantage of all the clubs and opportunities the school has to offer.

"We are a huge believer in the University of Waterloo — it has been a phenomenal university to help our success. The co-op program was fantastic for us — it gave us a real insight into different places and types of work. It was a wonderful education, and we are very grateful for it," Baylis said.

From an engineering degree to becoming co-founders and presidents of a major biotechnology development company, they have had to learn the inner workings of the business world from taking an entrepreneur class in their fourth year of university, learning from colleagues, reading books and most importantly, by learning from their own mistakes as they go. Their dedication and hard

work is apparent since the company has now been a Gold Standard Winner of Canada's Best Managed Company award presented by Deloitte for three years in a row.

Shah and Baylis both recognize the major positive impact that UW has had on their careers and lives, and they have used their success to give back and help make education available to everyone. They started a charity called For The Children (FTC), which raises money to support children's education, having so far built a school in South Africa; a school for girls in Kenya; and a school for disadvantaged children in India.

They have also raised money for many other charities and grants in Canada, the United States and the rest of the world. They give back to the students at UW by sponsoring one of the largest scholarships at

the school, the Gloria Baylis Entrance Award, for first-year engineering students.

Together, the team won UW's Team Alumni Achievement Medal in 2014. Continuing the legacy, two of Shah's daughters, Preeya and Ritu Shah, and Frank's daughter, Julia Baylis, all attend engineering programs at UW.

The company's cardiology business was recently sold to Boston Scientific Corporation for an upfront payment of \$1.75 billion USD. This marks the fifth business venture the pair has sold. They previously created and sold a back pain business to Kimberly Clark Healthcare; a consulting company (SRNED) to Ernst & Young accounting firm; and another back pain business and one for bone cancer, both sold to Medtronic.

## Waterloo Institute of Sustainable Aeronautics: First of its kind in Canada

Mahek Kaur  
Reporter

The Waterloo Institute of Sustainable Aeronautics (WISA) has officially become Canada's first research institute focused on making air transport more sustainable, following its launch on Oct. 5.

The virtual launch featured a panel discussion about WISA and its impending impact on the future of sustainability in the aeronautics industry. The panel included Canadian astronaut Chris Hadfield, director of WISA Suzanne Kearns, Dean of Engineering Mary Wells and Thomas Lagaille from the Airbus software company, NAVBLUE.

The aeronautics industry faced many challenges and hardships as a result of the pandemic which began in March of 2020. Many of Kearns' former students also lost their jobs. After considering the effects of the pandemic and prior existing issues like global personnel shortages and increasing environmental impacts, Kearns

felt like they could service the industry through driving innovation and research.

The institute is set to bring together the work of 50 researchers

from all six faculties at the University of Waterloo, with guidance from an advisory committee that includes Chris Hadfield. Kearns explained how the institute's

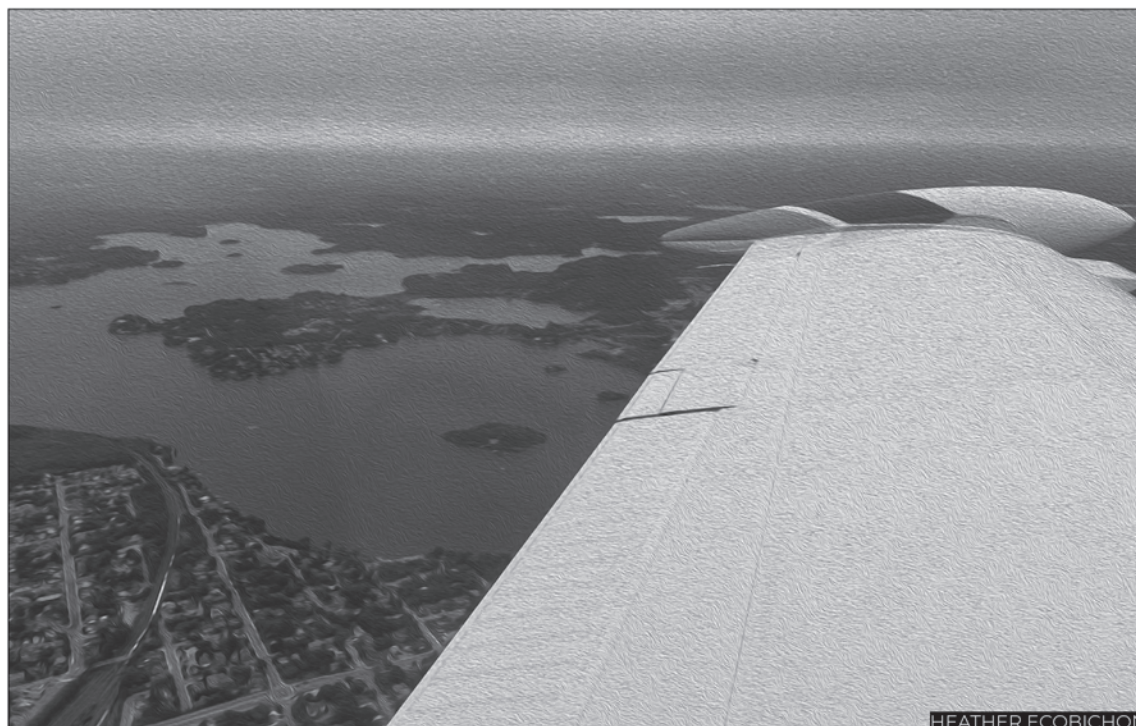
research will be geared toward overcoming industry challenges related to the three pillars of sustainability — social, environmental and economic. Therefore,

Kearns will be working with three associate directors — Elizabeth Irving who will be focused on social sustainability, Paul Parker who will be in charge of environmental sustainability and Shi Cao who will be leading economic sustainability.

According to the David Suzuki Foundation, airline emissions are responsible for more than three per cent of total emissions in Canada. In addition, airline flying is increasing by five per cent a year but efficiency improvements have only increased by less than two per cent. WISA aims to build a more sustainable future by facilitating partnerships with industry, government and academia to drive innovation and research.

"The unique value that WISA offers is an ability to listen and learn from industry," said Kearns at the panel discussion.

"We don't want to produce solutions that are looking for problems. We want to understand the most pressing problems and work collaboratively to create evidence-based solutions."



HEATHER ECOBICHON

# imprint

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**Next scheduled post-mortem meeting:**  
 Virtual due to COVID-19

**Next scheduled board of directors meeting:**  
 Virtual due to COVID-19

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



# opinion



## HAVE YOUR SAY

Submit your letter to the editor or your community editorial to [opinion@uwimprint.ca](mailto:opinion@uwimprint.ca). Find more opinions at [uwimprint.ca](http://uwimprint.ca).

# Redefining the 'good life'

**E**cological destruction and poor mental health have come to define the state of both nature and humanity in recent decades.

The pandemic and the much larger climate crisis demonstrate the horrifying consequences of a social and economic system based on endless accumulation that puts profits ahead of human life and the environment.

Millions of people have died worldwide from COVID-19 and the latest Intergovernmental Panel on Climate Change report has been called "a code red for humanity." An understanding that these issues are systemic and baked into the system of capital accumulation is important and is something more and more people are finally starting to achieve. However, merely recognizing this fact is insufficient. If we believe "the point is to change it," then we need to not only understand but reject the underlying premises of this system to begin the long task of creating an ecologically sound, egalitarian and just society.

One of the main premises upon which this system is built is that endless growth is necessarily a good thing. Consumerism is forced into everyone's head and people are made to believe that the highest ideal is to buy more and more simply for the sake of it. While it is true that some forms of social and economic growth – such as indoor plumbing and electricity – improve people's well being drastically, others, like smartphones and computers, have little to no benefit on people's quality of life.

To challenge this system, we must redefine the "good life" traditionally seen as based on affluence and high consumption. This new vision of human life is not based on some puritanical worldview that rejects pleasure but rather, as Kate Soper articulated in an article for *The Guardian*, it is based on an "alternative hedonism" that values meaningful experiences and relations with oneself, other people, one's labour and the environment. Soper also argued that even if there were no moral or ecological objections, a high consumption lifestyle would not increase pleasure or happiness for humanity.

The terrible mental health of most young people today illustrates that the current system is incapable of meeting their social and psychological needs. The lockdowns brought about by the pandemic have taken an enormous toll on young people. The shutting down of schools, universities, and many other public places and events have led to an epidemic of loneliness according to a Harvard research paper, with 61 per cent



IMPRINT ARCHIVES

of those aged 18 to 25 reporting high levels of loneliness. A problem of this sort cannot be solved through technological innovation. Schools and universities need to recognize that online classes are no replacement for the education that students receive in the classroom where they interact with each other and professors.

To address the epidemic of loneliness, COVID-19 and the ecological destruction wrought by this system, we must reject the view that endless growth and accumulating more and more things are part of prosperous and meaningful life. The ideology of this system is best captured in the famous phrases "there is no society" and "there is no alternative." The first is to convince peo-

ple that they are completely alone in this world and the second that it must be this way. However, neither of these statements are true.

Society may feel broken, but it can be rebuilt through collective struggle, and with it an alternative to this system can emerge. These can be struggles against war, imperialism, fossil fuels, and for clean energy, better wages and working conditions, and the rights of all people. Rebuilding society can be the foundation to an ecologically sound and socially just world.

Hassan Ali  
 4A, nanotechnology engineering

# QUETZAL

POETRY  
SHORT STORY

*Now Accepting  
Submissions!*

VISUAL ART  
PHOTOGRAPHY



# distractions

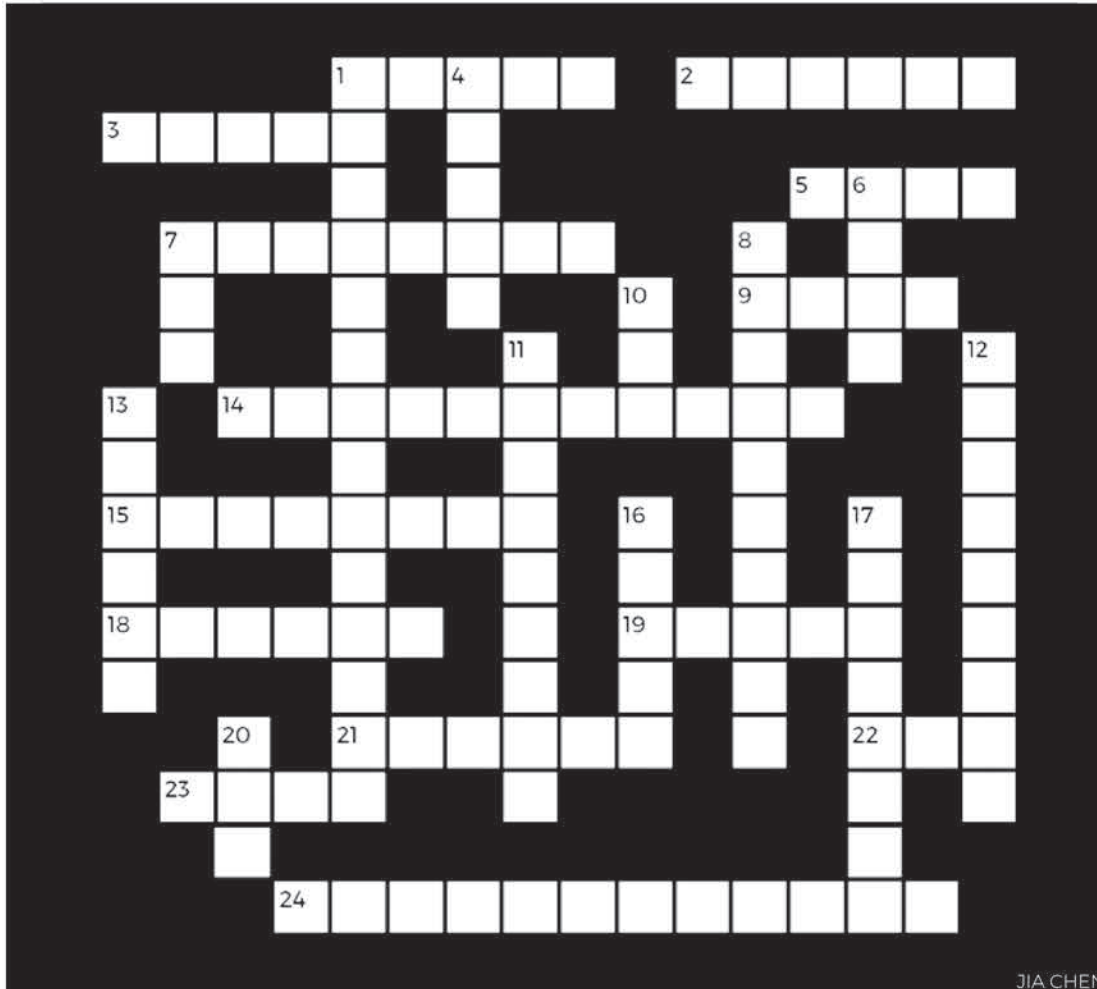


**Q: WHAT DO GHOSTS HAVE UP THEIR NOSE?**

**A: BOO-GERS!**

## Imprint crosswords

## Scary movies



JIA CHEN

### Across

1. Types include shopping and killing
2. Non-dairy homonym of Chuck E. Cheese
3. Cold banana dessert
5. My pronouns are they/\_\_\_\_\_
7. Refuses buttons for eyes
9. Home of a parasite
14. Healer of the possessed, not just a
15. Includes John and Paul, not Mary
18. Prom queen involuntarily wearing red
19. ex: E.T.
21. "Leave!"
22. Joe Goldberg show
23. A sharp \_\_\_\_ line is considered attractive, plural
24. Megadeth song that was disowned for 17 years

### Down

1. Popular show starring an Eggo thief
4. Ancient artifact
6. "Be quiet"
7. Bear infant
8. Stephen King classic
10. Often seen next to a tiny red circle
11. Synonym for owner, has the most S's
12. Palpatine's Sith name, but with something in front
13. Medium called a meeting
16. Beauty and the \_\_\_\_\_
17. Don't say it five times in front of a mirror
20. Second verb in veni, vidi, vici

### LAST WEEK'S ANSWERS

