

im print

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WAR IN UKRAINE

A look at the Ukrainian community, one year after Russian invasion.



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Donna Strickland launches network to increase public trust in scientific data. P10

WHAT TO DO IN WATERLOO P4

Imprint's monthly round-up of fun activities on-campus and in the community.

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From barre to yoga — the classes to take advantage of with a Fitness Class Membership.

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Should the University of Waterloo adopt a policy that allows for open book exams?





Slava Ukraini! War in Ukraine, one year later

Bethany Helaine Pöltl
Science & Tech Editor

Slava Ukraini! This phrase has been chanted on the frontlines of war, by military personnel and civilians, on the news, and in rallies for Ukraine in Kitchener-Waterloo. Its translation: “Glory to Ukraine!”

It’s a short and powerful saying — one the Ukrainian people have been continuously acting on since Russia launched its full-scale invasion of Ukraine on Feb. 24, 2022. The one year commemoration of war in Ukraine was observed globally on Feb. 24, 2023.

In the past 365 days, over 17 million Ukrainians have been displaced, Russia has launched over 4,700 missiles at Ukraine, and tens of millions of people are at risk of death.

As the fighting continues, civilians live and die along the frontlines. Schools have been destroyed, education has been disrupted, culture has been threatened, and artifacts stolen. Housing and infrastructure loss continues to soar, and medical services are overwhelmed. The economic impact of the war is devastating.

Antonina Rudakova left Ukraine in May 2022. “It’s always scary to leave home and face something new, but it was even scarier for me to stay with a feeling of uncertainty about the next day. Leaving family, relatives, and loved ones for the sake of the unknown was our price for safety and the future,” said the master’s student. “We didn’t know what we would encounter on the other side of the world, but we are very happy to be here in this environment filled with support from all sides.”

Here in Waterloo, Rudakova and fellow Ukrainian students are working to connect with and educate the UW community about the reality of what is happening.

They have created a migrating art exhibition on the war in Ukraine. After seven months of touring the campus with the exhibit, they have shown their work in every faculty and reached the majority of the UW community.

“Organizing presentations of this exhibition at each faculty, using VR tools to show Ukraine before the full-scale war and after the Russian invasion, sharing Ukrainian treats, allowing our guests to experience how Ukraine sounds now, and even showing some artifacts from the bat-



VIA PEXELS

tlefield we were able to make deep interaction with our University community and show how life in Ukraine looks like now,” said Halyna Padalko, a Ukrainian student pursuing a master’s in global governance.

Through photographs and stories shared by students, it is clear Russia has used several methods to try and make living in the territory that is historically Ukrainian near impossible.

The main approach has been putting Ukrainian’s life and health directly at risk through military attacks. 97 per cent of Russian attacks have been on civilian targets. As of Jan. 30, 18,817 civilian casualties with 7,155 confirmed deaths were recorded by the United Nations in unoccupied territories. There is no confirmation yet on the number of deaths and casualties in occupied territories.

As a result of the bombing and attacks, 74.1 million square metres of housing and apartments have been damaged or destroyed. 126.7 thousand homes and 16.8 thousand residential buildings have been affected, amounting to a \$52.5 billion loss.

Medical aid has also been a target of attacks. By Aug. 28, 2022, 927 healthcare buildings had been damaged or destroyed according to the Ministry of Health in Ukraine. It is estimated \$1 billion CAD is required to rebuild lost healthcare infra-

structure.

Along with people and infrastructure, Ukrainian culture is under attack. The targeted erasure of heritage and culture by the Russian army is meant to diminish the spirit of Ukrainians and destroy Ukrainian legacies for future generations. The Ministry of Culture and Informational Policy in Ukraine has been recording the damage and loss of culturally significant objects. A recorded 1,271 objects, not including heritage sites, have been damaged as of Jan. 25, 2023.

Educational institutions have suffered from bombing and shelling. The destruction of buildings is only one threat to education in Ukraine. Assimilation policies are implemented in Russian occupied territories to further erase the identity of Ukrainian people. This identity is being fought for in Ukraine and by those displaced globally. At Waterloo, the Ukrainian students joined the University for Ukraine (U4U) organization.

“I’ve spoken to several students, colleagues and friends who ask how they can help Ukrainians in a meaningful way,” said Serhiy Yarusevych, a Ukrainian-Canadian mechanical and mechatronics engineering professor at UW and U4U co-founder, in an interview with Waterloo News.

“That’s where the idea for U4U began — to provide every person on campus a quick

and easy way to make a difference in the lives of Ukrainians shattered by war.”

They collected more than \$8,000 CAD for Ukrainian humanitarian aid.

The University of Waterloo Ukrainian Association (UWUA) was started several weeks ago.

“We created UWUA to promote Ukrainian culture and its rich heritage. In these challenging times, we want to amplify the voices coming from Ukraine and raise awareness of the war,” said Sofia Mudra, UWUA co-president. “UWUA also unites Ukrainian students and offers a supportive community away from home. Through a variety of activities, we aim to enrich the student life at the University of Waterloo and we invite everyone to join our club.”

Reflecting on what has happened over a year of war, the strength of the Ukrainian people is evident. On Feb. 24, a candlelit vigil was held in Kitchener in solidarity with Ukraine for 365 days of resistance.

“We are extremely grateful to the University community for helping us raise awareness about war and Ukraine. We want to thank all faculties for joining our exhibition and promotion of Ukraine. We aimed to show our resilience and resistance. I think together we have done a great job,” Padalko expressed.

Heroyam slava, “Glory to heroes.”



PHOTO/VIDEO

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arts & life

WRITE FOR ARTS AND LIFE

Imprint is looking for arts writers! For more information, email arts@uwimprint.ca.



WWW.UWIMPRINT.CA

Keep up with the latest trends on campus and community news online.

What to do in Waterloo this March

Nadia Khan
Arts & Life Editor

ART/HISTORY/LITERATURE

Black and Free THEMUSEUM in Kitchener Mar. 1, 8, and 15, 6:30 p.m.

Started by Naila Keleta-Mae, Black and Free: New Art features various Black Ontario-based artists as they explore historical and contemporary themes. For in-person and online registration options, visit themuseum.ca/black-and-free-new-art.

Pattern show at Uptown Gallery UpTown Gallery

Until Mar. 12, 11:00 a.m. to 6:00 p.m.

Support local art and visit Patterns, Uptown Gallery's latest exhibit with work from Assem Hamdy, Laurie Spieker, and Eekta Trienekens.

No registration required.

A discussion with Mariam Pirbhai Waterloo Public Library Mar. 21, 7:00 to 8:00 p.m.

Award-winning writer and Laurier professor Mariam Pirbhai will lead a talk on her debut novel *Isolated Incident*, which tackles themes like the immigrant experience, Islamophobia, and what it means to belong.

Event is 19+. To register online, visit calendar.wpl.ca/event/7548452.

COMEDY

Tri City Improv Country Hills Community Centre in Kitchener

Mar. 4, 7:00 to 8:30 p.m.

Want a comedy-filled evening full of surprises and spontaneity? Watch the comedy troupe Tri-City Improv in this event which supports the KW Multicultural Centre.

Tickets can be purchased at the door with a donation minimum of \$5.

Illusionist Nicholas Wallace Registry Theatre, Kitchener Mar. 10, 7:00 p.m.

Watch award-winning illusionist Nick Wallace's performance in a magical night filled with storytelling and imagination that will make you reconsider truth and fiction. Audiences are sure to be both entertained and thoughtfully challenged.



VIA WUSA

Tickets are \$35 and can be purchased online at nickwallace.com/upcoming-shows.

Rusty Nail Comedy Club Crazy Canuck, Kitchener

Every Friday and Saturday at 8:00 p.m.

Want to experience the best stand-up comedy in Waterloo with a bowl of poutine? Check out the Rusty Nail comedy shows. Upcoming lineups are available on their Instagram or Facebook pages. @rustynailcomedy Tickets for most events are \$20. You can pay at the door or for more options, check out their website rustynailcomedy.com.

FOOD

I ■ Beer & Taco Festival Bingemans Conference Centre in Kitchener Mar. 11 - Session 1 - 2:00 p.m. to 6:00 p.m. & Session 2 - 6:00 p.m. to 10:00 p.m.

Do you want to try local tacos, empanadas, and pretzels with a mug of beer? Then stop by the I ■ Beer & Taco Festival. The event includes a DJ, dance floor, board game area, and arcades. If you don't love beer, there will be other distillery beverage options available.

Event is cash-only and 19+. Tickets are \$15.99 until March 8 and can be purchased on iheartbeer.ca/kitchener-taco.

Picklefest THEMUSEUM

Mar. 24, 7:00 to 10:00 p.m.

Pickle lovers can visit Picklefest for pickle-themed dishes and refreshments from local participating restaurants and breweries. There will be games, activities, and fun exhibitions.

Event is 19+. Tickets are \$39.99 and cover a sample from each restaurant and brewery. Buy tickets online at themuseum.ca/events/picklefest-3.

KW Wine and Food Show Kitchener Memorial Auditorium Mar. 31

Want to indulge in some cocktails or craft beer while enjoying food and live music? Head down to the KW Wine and Food Show! Event is 19+. Advance tickets cost \$14.16 + HST. To buy tickets, visit <https://www.kwwineandfoodshow.com>.

MUSIC

Rock this Town: Music and Memories City of Waterloo Museum Until June 23

Check out the City of Waterloo Museum's exhibit created in honour of Waterloo filmmaker Betty Anne Keller's documentary, *Rock this Town*, and learn more about KW's rock'n'roll history. The exhibit contains interviews and the stories about KW musicians from the late 60s to the 80s and also considers Indigenous influence on KW music, as well as how music unites us now. Admission is free. To learn more, visit theclayandglass.ca/exhibitions.

The Caribbean Jazz Collective The Jazz Room Mar. 3, 8:00 to 10:30 p.m.

Want to experience Caribbean music with a jazz twist? Check out this concert with the Caribbean Jazz Collective, a celebrated lineup of musicians who have travelled all over the world, for an unforgettable night of mu-

sic from rumba to reggae. Tickets for those under thirty are \$12.14. To purchase tickets, visit ticketscene.ca/events/43042.

The Flatliners 20th anniversary concert Maxwell's Concerts and Events Mar. 18, 8:00 p.m.

Lineup features the Flatliners, the OGBM's, and the Talking Meds. Event is 19+. Doors open 30 minutes before the show. Tickets are \$25 + fees. To purchase tickets, visit their website at ticketscene.ca/events/43254.

SCIENCE

Bill Nye Event Main Theatre, 101 Queen St N, Kitchener Mar. 27, 8:00 p.m.

Listen to Bill Nye the Science Guy lead a live multimedia performance about six challenges facing Earth and how science can help us tackle them.

For in-person and online registration options, visit centreinthesquare.com/event/bill-nye-the-science-guy.

THEATRE & FILM

Princess Cinemas Oscars Party Princess Twin Cinemas Mar. 12, 6:30 to 11:00 p.m.

Love movies? Celebrate this year's Academy Awards at the Princess' annual Oscar's night at this all-ages event. There will be trivia, a predict-the-winner contest, and chances to win prizes. Dress as casually or glamorously as you please. Doors open at 6:30 p.m., and attendance is free with a non-perishable food donation to the Food Bank of Waterloo Region. Reserve your spot at eventbrite.ca/e/oscar-night-at-the-princess-2023-tickets-555438189577.

Portia's Julius Caesar UW Theatre of the Arts March. 22 to 25, 7:30 p.m., March. 24 at 2 p.m.

Get ready for UW's theatre and performance production of Portia's Julius Caesar, a radical adaptation of Shakespeare's original play that contemplates the provocative and political, as well as familial and feminine, in a brand new light. Doors open 30 minutes before the show. Tickets are \$10 for students and can be purchased online at uwaterloo.ca/events/events/portias-julius-caesar.

New chat

ChatGPT's impact on

Sustainable Economic Growt

Clear conversations

Upgrade to Plus

NEW

Dark mode

Updates & FAQ

Log out

Chatting About Chat GPT

How will the new AI chatbot impact the future of writing?

Anik Sabharwal
Reporter

ChatGPT, the popular chatbot launched late last year by OpenAI, has the ability to hold human conversations and write everything from code to content for its users. The chatbot received more than 1 million users in less than a week, and some believe that with it people will be able to spend more time on strategic, analytical, and innovative thinking. Others worry that their jobs might become obsolete in the future. Employees in jobs like copywriting, programming, creative writing, and customer services are potentially threatened with the advancement of this chatbot.

To get an idea of how this technology impacts writers and students, Imprint had a conversation with Lai-Tze Fan, an assistant professor of technology & social change at UW. She highlighted that this AI can only replicate patterns and present information which has already been fed into its database. When asked about her views on how ChatGPT might affect content and research writers, Fan said, “When you think about collaborative writing with AI, there is a need for interpretation and intervention. These systems are trained limitedly, and will not represent the perspective of every human, group, or community. To adopt and use this technology positively, you need a human to step in and use information provided by GPT and modify it according to themselves.”

Even though this instrument can provide suggestions and ideas, it cannot create unique and innovative content. As explained by Fan, “Our voices and emotions are heterogenous, it will evolve over time. But AIs like these are restricted to content which already exists in their database and cannot be evolved.”

Many are also concerned with the future this software presents for students and teachers. How might written assignments change as a result of ChatGPT? Fan cites an article published by The Atlantic, “Will ChatGPT Kill the Student Essay,” which is about teachers who rely on essays as a form of assessing knowledge outcomes in the classroom.

“The future relies on not ignoring these tools; they will not go away, but will keep developing. We need to learn how to adopt them. Students need to know how to create content on their own. They need to provide their personal experience and not just remain dependent on these tools to get things done. It’s nice to use a calculator but if you can’t do maths on your own, the calculator won’t help you.”

Regenerate response

Upcoming Student Events

Want to unwind before midterms? Check out these UW club events.

Kingdom Come
March 2nd, 7 p.m., MC 2017

Sabbath & Rest event. Come to de-stress, rest, and connect in time for midterms. More info at linktr.ee/kc_waterloo

SABBATH & REST

JORDAN

MC 2017

Thursday March 2

7pm

Quiz Bowl

Tuesday March 7th, 6:30 p.m., EV3 4408

A special type of trivia. More info at linktr.ee/uwquizbowl.

Live Album Concert!

Abbey Road -The Beatles

Sign up to Play a Song!

Sign ups Open this Friday at Noon!

Jam Network

March 3rd, 6:30 p.m., SLC Multi-Purpose Room

Beatles concert. Live playing of Abbey Road. Sign-ups still available in Instagram bio @ [jamnetwork_uw](https://www.instagram.com/jamnetwork_uw).



WRITE FOR SPORTS

Imprint is looking for sports writers! For more information, email sports@uwimprint.ca

Women's Hockey team progresses to OUA Semifinals

Beating the Badgers 2-1 in a best of three quarter finals series, the Warriors will play Nipissing Lakers in the OUA semi finals

Avitej Singh
Sports & Health Editor

A dominant victory against the defending champions, Brock Badgers, on Feb. 22 displayed the Waterloo Warriors' intent of heading into the play-off season and winning the OUA title. The first of three games was hosted at Columbia Ice Field (CIF). The Brock Badgers were subjected to the on-form Warriors, who beat them 6-0. This was the largest margin the Warriors have seen all season. Although the Badgers replied with a 4-1 win in Thorold, the Warriors took the series in game three, winning 2-1 at the CIF arena.

The Feb. 22 game was the Warriors' most aggressive performance with six different goal-scorers, all within the first two periods, which meant an easy victory for the home team. The Badgers made it relatively easy with all three goals within the second period scored during a powerplay due to minor fouls by Paige Cohoon and Catriona Cormier. Cohoon's initial holding foul led to Kassidy McCarthy capitalizing on the one-woman advantage on the ice, assisted by Elizabeth Lenardon and Brooklyn Cole. Cohoon's slashing foul then gave the Warriors another powerplay advantage, with Tatum James converting the advantage. The defensive game by the Warriors was also commendable, with significantly fewer offenses and a clean-sheet on the record for Kara Mark.

It is fair to say that the Badgers were feeling the home-court advantage Feb. 24 during game two. Madison Cronkwright scored the only point of the first period for the Brock Badgers. Going into the second quarter, Cormier scored the second point for the Badgers, who were leading 2-0. Then, through the assistance of James and Leah Herrfort, Keiara Raitt answered with a goal to open the scoring for the Warriors. However, that was the only scoring from the black and gold, with Cormier scoring a third for the Badgers, and Cronkwright adding a fourth in the final period of the game.

With the series tied at 1-1, the Warriors hosted the Badgers once again on Feb. 25 at CIF. The Warriors were poised for victo-



COURTNEY CAIRD

Top: Carley Olivier (74), goal-scorer in Game 3; Bottom: Warriors celebrating a goal

ry in the semifinals, but the Badgers were the ones to open scoring during the two minute and 12-second powerplay, awarded for Cole's tripping foul and Carley Olivier's delay of game. The fouls let Cormier set up Mishayla Christensen for the first goal of the match. However, the Warriors did not let the Badgers take control of the game. Carley Molnar was only troubled 17 times in the second and third periods, through a good defensive strategy by the Warriors — this was in contrast to Kenzie Harmison's

evening, who had to defend 28 shots on target from the Warriors in the same two periods. The Badgers' goalkeeper definitely proved her worth but was unable to defend the shots made by the Warriors. Harmison's 26 saves meant Olivier's first period goal and Elizabeth Lenardon's third period goal were enough to beat the Badgers and take the series.

Winning the quarter-finals means that the Warriors are back in the OUA Top 4 for the first time since the 2016-17 season. This

improvement comes with added pressure, as the Warriors start the semi-finals series at North Bay, home ice for the Nipissing Lakers. The first two games are scheduled for March 1 and 3, the latter held at the Columbia Ice Field. A provisional game three for the semi-finals is scheduled at CIF on March 4.

As the OUA season comes to a close, the women's basketball team faces Queen's for the OUA semi-finals, as does the women's volleyball team.

sports & health



WRITE FOR SPORTS

Imprint is looking for sports writers! For more information, email sports@uwimprint.ca

Get Movin' with a Fitness Class Membership!

Robyn Clarke
Reporter

The University of Waterloo's athletics program is home to some of the best and brightest minds, who work tirelessly to create accessible, motivating, and uplifting experiences for students who want to move their bodies. If you're like me, and have always wanted to go to the gym but aren't sure where to start, I'd recommend the Waterloo Warrior Fitness Class Membership. This membership grants you access to a variety of classes, including yoga and

spin classes for only \$60 a term. Even if you attend one class a week, that's only \$5 a week per class. You can also buy daily passes for \$5 if you just want to try out a class or two before committing. Trust me, if I can do it, so can you.

I was nervous at first, but the judgement-free energy is evident within the studios; no one is watching or making fun of you because everyone is there to focus on themselves and be their best self.

Here are some of my favourite group fitness classes that I've taken so far this term. All of them are taught by welcoming and encouraging instructors (many of whom are UW undergrad and grad students) who create a fun and inclusive space.

Cardio strength: This class mixes weights with plyometric-based exercises, like push-ups, throwing, running, jumping, and kicking; and resistance exercises like squats, deadlifts, and lunges. But don't fret!

The instructors
guide

you through it all. All major muscle groups are exercised, and you'll get a burst of dopamine and "feel the burn"!

Spin: I feel like everyone has an opinion on spin classes, but I'll let you in on a secret: they're actually a blast! Good music is always going, and you feel in tune with everyone in the (very sweaty) room. Your legs will get a fire workout, and your cardiovascular endurance will improve.

Barre: For toned arms, legs, and abs, you'll get a full-body endurance workout in this pilates-style class. Inspired by ballet and yoga, it will help you build strength while improving your core, flexibility, and balance. Because you are lifting your own body weight, it engages muscles that squats, lunges, and sit-ups don't activate. Pull on your grippy-socks and morph into a ballerina for an hour!

Yoga flow: If you have never taken yoga before, this is a great class to start with. This class is for all skill levels and will teach you to move from one pose to the next, activating your entire body with freedom and expression. There are a number of

other yoga classes offered, such as power and Vinyasa yoga, so if you like yoga flow, check out these too!

Dance fitness: This class is the most fun and provides a great full-body workout while you dance along to pop, K-pop, and EDM. I'm the opposite of a good dancer, and I was still able to keep up and have a great workout, improving my coordination, too.

All information, schedules, and external links for this term and future terms can be found here. If you require a bit of extra support due to physical or mental barriers, no problem!

Check out Move Your Mind, who can help with any needs or questions you may have. Get out, get active, and have fun!



VIA ATHLETICS

im print

THIS WEEK IN ATHLETICS

WATERLOO WARRIORS

GO GOLD GO BLACK GO

GOLD RUSH

WOMEN'S VOLLEYBALL
QUA SEMIFINALS
MARCH 4 | 4:00 PM
CARL TOTTER COURT (ENCL)
VS QUEEN'S

WOMEN'S HOCKEY
QUA SEMIFINALS
GAME 1
MARCH 3 | 7:00 PM
CLIF ARENA
VS NEWBORN

GO WARRIORS GO

GOWARRIORSGO.CA/TICKETS

ATHLETES OF THE WEEK

HANNAH BLAIR
TRACK AND FIELD
KINESIOLOGY

IMMANUEL ONYEMAH
TRACK AND FIELD
LEGAL STUDIES

FIRST AID COURSES
EMERGENCY FIRST AID (EFA) W/ CPR-B AED
MARCH 18 / \$70
VISIT WARRIOR.UWATERLOO.CA FOR MORE INFORMATION

MOVE PLAY SUCCEED

Recipe: Comfort Soup

By Ingrid Au

There is something incomparable and unexplainable about how loving a warm bowl of soup is. It warms you with a hug and consoles you when you've been in the cold for too long. If it is someone I know, it'd be my favourite person – the one I turned to for comfort and familiarity. This is a soup I grew up with, and I hope you enjoy it as much as I did and forever will.

Ingredients:

- 4-5 tomatoes
- 1 whole carrot
- 2-3 potatoes
- 2-3 cups of chicken or vegetable stock
- Salt
- Black pepper
- Optional: 2-3 slices of apple

Instructions:

The ingredients mentioned above are adjustable to the size of your pot. Use your intuition but generally, you want a ratio of 3:1:1 tomatoes, carrots, and potatoes (respectively). Slice your tomatoes, carrots, and potatoes. You may also include a few slices of apples to give the soup a hint of sweetness. In a pot, boil the stock of your choice. Once your stock is boiling, put in your vegetables and sprinkle a few pinches of salt, and let simmer for 20-30 minutes or until your potatoes have softened. You can finish the soup with some black pepper.

This is the soup my mom instinctively knows I need during tough times. The familiarity she has with my feelings associated with her food, and the familiarity of home I associate with her cooking – it forms a nice link between the two. It is the feeling of holding onto a bowl of warm soup; like you are holding onto someone close. It is the feeling of its warmth radiating your face whilst you take a sip; like a kiss on the cheek. Or it is the warmth of the soup soothing your body – feels like everything will be alright. If you miss that feeling, try this soup. Perhaps it might help. Enjoy!

Sports wrap-up

Andres Fuentes
Publications Manager

The Warriors found plenty of success over the past week with teams advancing in the play-offs and medal-winning individual performances.

Women's Volleyball

The Warriors faced a tough quarter-final against Toronto Metropolitan University with the two teams trading the first two sets 25-23 and 25-27. Waterloo then showed their quality and took the next two sets 25-18 and 25-14. They will now host the Queen's Gaels on Saturday in the semi-finals.

Women's Basketball

The Women's basketball program took another big step with their first playoff win in 15 years. Having won the OUA West, the Warriors faced the Ottawa Gee-Gees who came into the game ranked eighth in the country. The Warriors came out fighting and took a lead 20-15 after the first quar-

ter. The Gee-Gees were able to briefly take the lead in the second quarter, but once Waterloo had it back, they never relinquished it again winning 66-56. They now travel to Queen's University on Wednesday to take on the number two ranked team in Canada.

Swimming

The Warriors took two medals at the U Sports finals in Victoria, BC. Alex Boden won the silver medal in the 200 meter with a time of 2:04.35 and Lukas Wormald won the bronze medal in the 50 meter butterfly with a time of 24.66.

Track and Field

The track and field program saw gold at the OUA finals. Hannah Blair won her third consecutive OUA gold medal in the pentathlon with a new record score of 4041. Immanuel Onyemah defended his title in the 60 meter race, setting a new personal best of 6.70 seconds. Celia Markovinov took home the silver medal in the high jump and the men's 4x200 meter relay team took the bronze medal.



CARAVAN

ANNUAL WUSA CULTURAL TALENT SHOWCASE

Date: Thursday, March 16th, 2023

Time: 5:00 – 7:00 pm

Location: SLC Great Hall

For more information on this free event visit wusa.ca/event for details.



WATERLOO UNDERGRADUATE
WUSA
STUDENT ASSOCIATION



imprint

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Pitch/post-mortem meeting:
Wednesdays at 4:00 p.m. in SLC 01377

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.

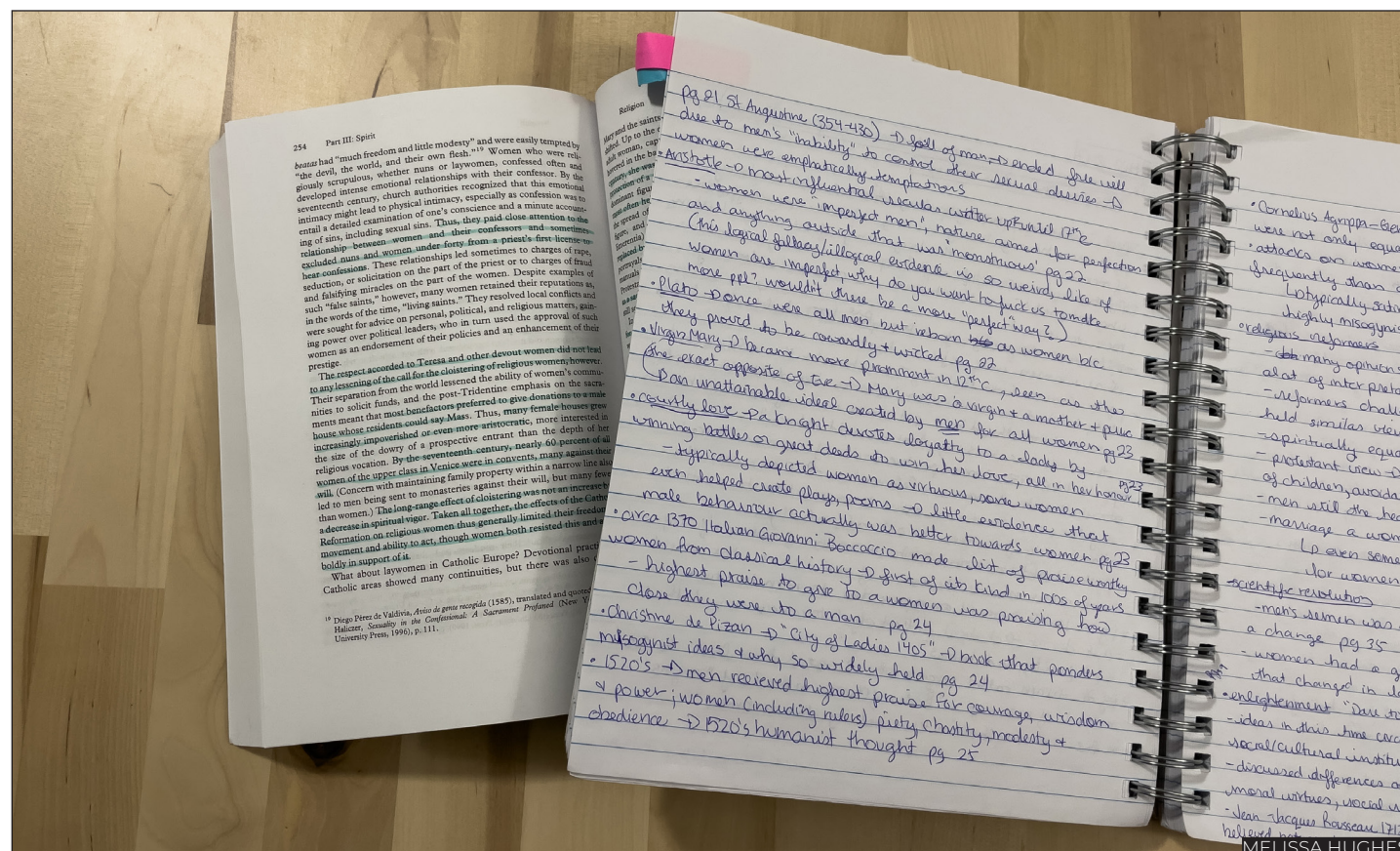


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Submit your letter to the editor or your community editorial to managingeditor@uwimprint.ca.
Find more opinions at uwimprint.ca

opinions

A case for open-book exams



If we have learned anything in the past three years, it is that the long-standing traditions of our education system need reform. The transition from in-person studies to online studies in 2020 was a difficult challenge for many, although it begs the question: is the way we test students in this ever-changing world outdated?

Traditional closed-book exams involve testing a student's memory without allowing them to use any resources or notes. When tested in this way, students rely on memorization and repetition rather than understanding how to apply the material. These types of exams often induce unneeded anxiety in students who are already struggling with an overwhelming workload.

As an alternative, I believe that all post-secondary institutions, including the University of Waterloo, need to change from closed- to open-book exams where students can use their notes and course resources. While some professors at the university have already switched to open-book exams and testing, this change needs to happen across campus.

Open-book exams teach much more valuable lessons in life than closed-book exams. With this alternative, students are encouraged to use their resources effectively, take good notes, and actually understand the

material they are meant to learn. If students are able to use their notes for an exam, it is likely that they will spend more time taking clear and efficient notes of course content as their notes will serve as a future resource.

When the anxiety of needing to memorize tons of content is reduced through open-book exams, students are able to focus on fully understanding concepts rather than worrying about trying to mentally engage in repetition of key content. When it comes to the impact that open-book exams have on student mental health, a 2000 study by professors at the University of Cyprus found that students were more optimistic about taking an open-book exam and had reported less anxiety compared to those who took closed-book exams.

If the role of college and university is to prepare us for the workforce, then open-book exams would also offer students an experience that is more relatable to their future career. In the workforce, people consistently use their resources to complete projects and their job duties. Professionals don't rely solely on memorization, as they need to be certain before taking action. Even a well-seasoned lawyer uses their resources to refer to the direct legal codes that are needed for their arguments in a trial.

Criticism of open-book exams has tradi-

tionally been that they are too easy or that they inflate the grades of the student body of said institution — however, this is not the case. Students still need to take notes and fully understand course content if they want to get a good mark. If they don't pay attention during lectures or fail to take notes, they will still likely do poorly on the exam. Even UW acknowledges the idea that open-book exams are "too easy" is a misconception. Yet, traditional closed-book exams are still assigned in many courses.

In a time when access to infinite resources is often at our fingertips with search engines and the vastly growing internet, students should be learning how to use these tools. The priority should be figuring out how to apply information and to use it in a situation, rather than simply trying to remember concepts. Understanding how to collect information and take notes is one of the most valuable skills that a student can learn, one that should be focused on in the present day.

It is time for the university to take action in reforming the way students are tested across campus.

Michael Kershaw
IB Arts



WRITE FOR SCIENCE AND TECH
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Nobel laureate Donna Strickland launches trust in science network

David Yin
Reporter

Nobel Prize laureate and UW professor Donna Strickland launched the Trust in Research Undertaken in Science and Technology (TRuST) network on Jan 9. She is one of several co-founders alongside Ashley Rose Mehlenbacher and other UW professors. The network was originally called the Trust in Science and Technology Research Network before being renamed to TRuST. TRuST aims to improve scientific communication, restore public trust towards researchers, and teach people how to better evaluate content quality. With experts from

all UW faculties, it is the first multidisciplinary Canadian research network focused on trust in scientific communication. Strickland won the 2018 Nobel Prize in Physics for her 1985 research on chirped phase amplification in lasers. She cited the public's reactions to climate change and the COVID-19 pandemic as major inspirations behind launching TRuST. Mehlenbacher is a Canada Research Chair in Science, Health, and Technology Communication. She said she joined the network due to its multidisciplinary structure. "What's really compelling to me about this research network is its transdisciplinary possibilities," Mehlenbacher said. "That means, moving beyond a particular

discipline to think somewhat differently about the topic and how to approach it." Mehlenbacher explained in an earlier web article that building trust is key to upholding the credibility of researchers. She stated there are many reasons people may distrust experts, such as being past recipients of harm or holding discriminatory beliefs themselves. Additionally, she listed different strategies researchers can use to regain trust among the public. Acknowledging current knowledge gaps and promoting diverse backgrounds among experts are two examples. However, the exact reasons people may trust or distrust certain experts depends on the situation. "How and why people may trust in some

area of science or specific experts changes with each issue or case, and there have certainly been new topics and issues over the course of my career," Mehlenbacher explained. "The role of pre-prints — articles that go online before peer review, the acceleration of research and its outputs, [and] sharing scientifically relevant information through social media were all happening before, but attention to these forms of communication by broader audiences is, for instance, one change." As Mehlenbacher explained, "That's not always a bad thing to feel strongly, but sometimes bad-faith content is designed to target us emotionally, so it's a good thing to note strong feelings when they come up and examine those."



VIA UWATERLOO

Students can assess the quality of their content through RADAR

Relevance

How is the information useful for one's own needs?

Authority

Who produced the content and are they qualified to publish it?

Date

Is the information recent enough and does it still stand?

Accuracy

Is the information based on and supported by other reputable sources, and does the research make sense?

Rationale

Why did the author produce the content?

Another question students can ask themselves is how strongly the content makes them feel.

The results are in!

Learn more about the student representatives you've chosen to represent you for the 2023-2024 governing year.

Visit wusa.ca/elections for details.

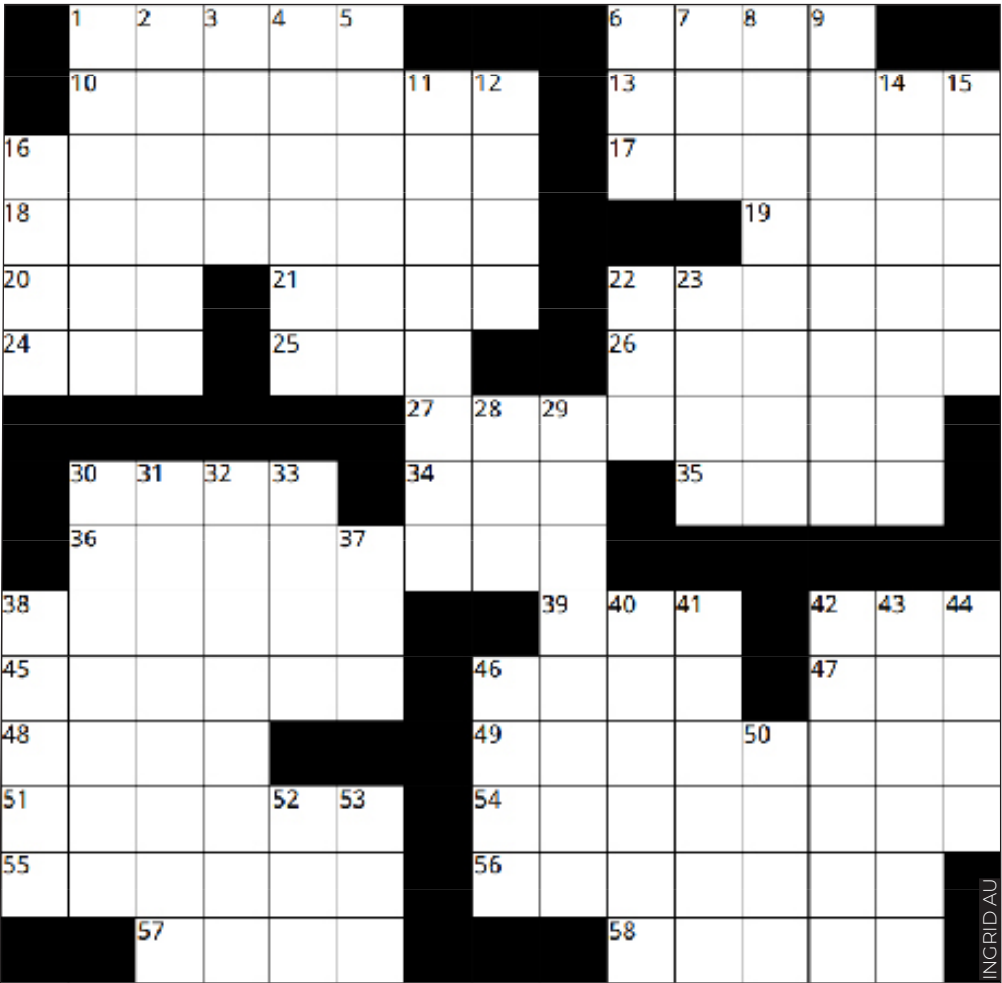


distractions



Q: WHY DIDN'T THE SKELETON GO TO THE BALL?
A: BECAUSE HE HAD NO BODY TO DANCE WITH.

Imprint Crosswords



Across

- 1 British surrealist show featuring three puppets (abbreviated)
- 6 OSAP service
- 10 Was planning on it (two words)
- 13 In-group privilege
- 16 Eccentric musician and lover of rats often referenced in Imprint crosswords by this creator
- 17 Maturation
- 18 Like Van Gogh or a praying mantis
- 19 United Services Automobile Association (abbreviated)
- 20 Flee
- 21 Soaks, as flax
- 22 Smash, as a windshield (two words)
- 24 Environmental Systems & Societies (abbreviated)
- 25 Provincial support program for those with developmental disabilities (abbreviated)
- 26 San ____ (nickname for San Antonio)
- 27 Water-type Pokémon that likes to bite things
- 30 Variant humans get one at first level
- 34 Source of iron or gold, in Minecraft
- 35 Perfected
- 36 Restore, in computing
- 38 Tahini base
- 39 Rules for use (abbreviated)
- 42 Father
- 45 Kuklinski of true crime
- 46 Japanese audio company
- 47 Egg-related
- 48 Loads
- 49 Caught criminal
- 51 A mite or a tick
- 54 Tips 55 Peter of US Government
- 56 Recombines
- 57 Cliché joke setting (two words)
- 58 Dragon/Ground-type Pokémon that likes to bite things

Down

- 1 Bad but passing grade (two words)
- 2 Mount St. ____
- 3 Tomcat or billy goat
- 4 Soul-searching direction
- 5 Shops
- 6 Time delay in video games
- 7 Handwiting-to-text software (abbreviated)
- 8 Common guitar
- 9 Space in a publication for content (two words)
- 11 Directly opposed (three words)
- 12 Chances
- 14 Sullied
- 15 Mentally ill Stardew Valley love interest
- 16 Sported, as a garment
- 22 Steamed bun
- 23 ____ Seat (Richmond Hill gaming chair manufacturer)
- 28 Food scrap
- 29 Correctly use a see-saw (two words)
- 30 Fire-type Pokémon that likes to bite things
- 31 Tourist city in Baja, California
- 32 What Eve was made from (two words)
- 33 Melodic subject, in music
- 37 Vocaloid associated with a banana
- 38 Pear-shaped instrument
- 40 Regatta activity
- 41 Act opener (two words)
- 42 "Go on..?" (two words)
- 43 Risk-____ or conflict-____
- 44 Mothers of fawns
- 46 Appetizer
- 50 "Take a ____ at" (to try)
- 52 Ancient king of Wessex
- 53 Golden, in French

LAST WEEK'S ANSWERS

