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OKTOBERFEST WOMEN OF THE YEAR

Find out more about fellow UW student Chloe Jang, the recipient of this year's Oktoberfest Women of the Year Award in the category of Young Adult.



MINDS AND MACHINES

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Warrior Men's Hockey team makes a comback after two consecutive losses.

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Election results: Jaworsky and Henry win

Victoria Gray Executive Editor

The incumbent Dave Jaworsky returns as mayor of the City of Waterloo.

"It was exciting [on election night.] We got a solid victory and that was certainly something I was looking for running a campaign of positive leadership," he said. "The negativity out there just doesn't resonate with the people of Waterloo and it showed in results."

Jaworsky received 17,307 votes in Monday night's election.

The City of Waterloo reported its unofficial election results late Monday, revealing Kelly Steiss taking second place with 5,530 votes and Chris Kolednik in third place with 1,592 votes.

Jaworsky is a University of Waterloo alumni who stayed in Waterloo because he fell in love with the community and wants to give back to the community that gave him so much.

His first order of business to clean up the city and help new councillors get off to a positive start.

"The first thing we have to do is clean up the city with all signs lining the streets," he said. "Orientation is going to be the focus for four new councillors who are joining me at city hall with new enthusiasm. They will need orientation; advice and I look forward to working with them."

Jaworsky is committed to helping the city achieve the global standard of 80 per cent



Mayor Dave Jaworsky.

reduction in greenhouse gases by 2050, passionate about gender equity issues in science and the community, and making sure the city tackles affordable housing issues.

As mayor, Jaworsky said he is aware of many problems facing Waterloo and focuses on positive leadership to encourage action on various initiatives, including trail systems, the economy, and emissions-free transportation. "There's a number of things we want to do, we want to make sure we are a vibrant community and to do that we need to execute neighbourhood strategy," he said. "We



Ward Six councillor Jeff Henry.

want to build prosperity meaning jobs for new grads and for people who have been in the community for a while. We want to continue to build a job rich community right here in Waterloo."

Jeff Henry, the Ward six incumbent won with 1,989 votes putting Oliver Campbell in second with 574 votes and William Hodgins in third with 133 votes.

Henry said he and the council have made

important progress on the issues of rental housing and parks that work for students. But, he knows there is more work to do.

"We need to continue to make sure streets are walkable and safe. We need more affordable housing options for everybody and a protected cycling infrastructure that connects across the city. We've been laying the groundwork for it and in the next two years we will be working to connecting cycle infrastructure to make it more sustainable and easy for everyone to get around our city," he said in a previous interview.

Almost 25,000 people of more than 72,000 Waterloo residents voted, meaning 34 per cent of eligible voters made it to the polls.

By 9:45 p.m. Monday, the City of Waterloo took down its web page with election results due to problems with internet voting.

"Due to extended voting in municipalities within the Region of Waterloo, we are temporarily removing all results from our election results webpage," a statement on the site said.

The official results of the regional chair vote from Waterloo will be posted "following close of voting in all municipalities in the Region of Waterloo or upon further direction of the Regional Clerk," the statement said.

The Region has noted that results of chair or regional council voting will be released on Wednesday, past Imprint press time.

POLICE BRIEFS

Waterloo Regional Police arrested six people from Cambridge after they found drugs and stolen property at a motel.

Waterloo Regional Police executed a search warrant at a motel on Hespeler Road in Cambridge on October 17. Six individuals from Cambridge were arrested.

During the search, officers found and seized what they suspect to be fentanyl, methamphetamine, and heroin.

Officers also seized a large amount of stolen property.

A Hamilton man was arrested after a Cambridge male was stabbed over the weekend.

Waterloo Regional Police were called to a disturbance on Samuelson Street in Cambridge on October 20.

A 20-year-old Cambridge male suffered a stab wound and was transported to hospital with non-life-threatening injuries A 23-year-old Hamilton male was arrested and charged with aggravated assault, weapons dangerous and assault with a weapon.

Members of the Waterloo Regional Police Service's Break, Enter and Auto Theft Unit arrested a male and female in connection to a stolen vehicle investigation on October 16.

Officers located a 2010 Dodge Ram, which had been stolen from the Mitchell area, as well as several sets of stolen plates.

A quantity of suspected crystal methamphetamine was also found in their posession and stolen.

A 30-year-old Kitchener woman and a 35-year-old Hanover male were charged with possession over \$5,000 and two counts of possession under \$5,000.

The male was also charged with possession CDSA and drive while disqualified.

Waterloo Regional Police responded to a report of two males, one with a

firearm in the area of Connaught Street in Kitchener on October 17. The male with the firearm is a black male with a beard, wearing a toque and a black vest over a grey sweater, approx 5'5"- 6' tall with an average build. The second male is a black male and shorter than the other. Police are also looking for a white, newer model car. No one was injured.

Waterloo Regional Police are searching for a missing woman and are requesting the public's assistance to locate Patricia Hitchens, 88.

She was last seen on October 21 at 2 p.m. when she was dropped off by a taxi in the area of King Street North and Erb Street East in Waterloo.

There is concern for her well-being. She is described as being about five feet tall, 165 pounds with short white hair and green eyes. It's possible she may have attended a hotel for the night in Waterloo.

Anyone with information is asked to call police.



Patricia Hitchens, 88, has been missing since Friday afternoon.

Grad students improve support

Support for students academically, socially and mentally doesn't end in post-grad

Victoria Gray **Executive Editor**

raduate students have a support system they need to know about. "The Graduate Student Association (GSA) hasn't always been the most effective, but we are here for grad students. Without them we wouldn't exist and we want them to know we are here and we can support them," Stella Arthur said.

The vice president of the GSA said the association is renewing their commitment to supporting UWaterloo students through their graduate studies with improved transparency, updated policies, a more effective council and better communication with stu-

"Grad students may not even know we exist and we really want them to know we are here for them and to support them," she

Arthur, who is pursuing a PhD in public health systems and age, health and wellbeing, wants to ensure graduate students take advantage of the services the GSA offers.

'We plan events, we can help with problems and we are here do to everything we can. It's your money that keeps us here, let us know what you want," she said.

Naima Samuel, president of the GSA, who is pursuing a Masters degree in tourism, recreation and leisure, said the association has a mandate to enhance grad students' experience at UW and to support them throughout their time at the univer-

"We want to be supportive in every way," she said. "We want them to feel they are successful on a academic and social level and foster a sense of community for grad

The vision is to have student leaders helping to grow and develop graduate studies. The GSA is also the only body across all of UW's campus to represent grad student interests to the university administration and to the provincial and federal governments.

Samuel said they hope to renew their sense of accountability, inclusivity, integrity, professionalism and transparency.

The GSA provides legal aid, income tax aid, supplementary health and dental plans, GRT bus pass, student advising and more.

Students are also welcome to attend monthly council meetings where a representative from most, if not all, graduate faculties discuss issues and form policies and attempt to help graduate students and give the president and vice president direction for meetings with the university and gov-

'We want grad students to feel like they can go to their councillors and have their



Graduate Student Association vice president Stella Arthur, left, with unit associate support Somto Udegbunam, president Naima Samuel and GSA council speaker Christopher van Bommel, who hope to get more graduate students involved with the association this year.

councillors voice their concerns in meetings," Samuel said.

Christopher van Bommel, GSA council speaker said council is trying to formalize an appointment or voting procedure for councillors and policies to ensure the council's decision are providing the president and vice president with a direction to go and goals to attain when it comes to grad student

"We're trying to make the processes easier and more transparent," he said.

van Bommel, who is pursuing a PhD in mathematics and graph theory said representing grad student faculties is important because there are issues that need attention within the university and the government.

"Sometimes it's difficult during meetings because lately there are a lot of new faces and a lot of changes taking place. So, we have to get everyone up to speed," he said. "But we are getting there."

They also host events, like a costume party at the Grad House on Oct. 26 and more.

The GSA has been trying to re-engage students since eections last April when Samuel made the commitment to get more students engaged in the process and to make the GSA more relevant and top of mind for grad stu-

"Everyone is busy, but we need to communicate more effectivley and I think our email blasts have been better," she said.

For more information visit uwaterloo.ca/ graduate-student-association/about-graduate-student-association.

GSA Councillors

Kinesiology

William Chung

Recreation & Leisure Studies

Vinurshan Selvaratnam

School of Public Health and Health Systems

Huda Shah

Accounting & Finance

Allen Wang

English Language & Literature

Ashley Irwin

French Studies

Zak Griffith

History

Russell Freure

Philosophy Lynne Sargent

Political Science

Jacqueline Harber

Master of Public Service (MPS)

Sharon Kashani

Psychology

Michelle Ashburner

Architecture

Tanvi Kundiwal

Chemical Engineering

Archisman Ray

Civil\ Environmental Engineering

Remi Oyediji

Electrical & Computer Engineering

Takin Tadayon

Management Sciences

Alison Jennings

Mechanical & Mechatronics Engi-

Kissan Mistry

Systems Design Engineering

Mei Lin Chen

Geography and Environmental

Management (GEM)

Aravind Kundurpi

Global Governance

Clay Dasilva

School of Environment, Resources,

and Sustainability (SERS)

Andrew Moraga

School of Planning

Brayden Wilson

Applied Mathematics

Josh Thompson

Computer Science

Elena Kwan

Pure Mathematics

John Sawatzky

Statistics & Actuarial Sciences

Danqiao Guo Biology

Nikhil George

Biochemistry & Chemistry

Serxho Selmani

Earth and Environmental Science

Grant Hagedorn

Physics and Astronomy

Jennifer Reid

Pharmacy

Heidi Fernandes

Vision Science

Amritha Stalin

Oktoberfest Woman of the Year: Chloe Jang

UW student making a huge difference in the lives of the newcomer youth in Canada

Robert Jang Reporter

hloe Jang, a fourth-year Honours Science student at the University of Waterloo, received the Oktoberfest Rogers Women of the Year Award this year. She contributes to the Kitchener-Waterloo community in a variety of ways, primarily focusing on improving the mental health and wellness of children and young adults.

Chloe is volunteers at the Sanctuary Refugee Health Center with Dr. Mike Stephenson and Dr. Margaret Brockett, who are mentoring her in a health care position with newcomer Canadians. Chloe has also worked in conjunction with the Waterloo Region District School Board's Welcome Center, as well as Reception House and Youth Unlimited to provide programs for the newcomers. She created STEM summer camps conducted at St. John Evangelist Anglican Church and Glen Acres Baptist Church for the youth newcomers. She mentored the older participants, who are now counsellors of the younger children.

When Prime Minister Justin Trudeau implemented the Syrian Refugee Program, Chloe founded the Association of Supporting Children's Educational Nurturing Development (ASCEND). She has also formed the New Canadian Ukulele Youth Band and taught the children how to play the ukulele. Chloe has written to Dr. Patch Adams, inviting him to come to KW to conduct seminars on mental wellness and awareness and prevention of student suicides. In anticipation of Dr. Adams' visit, Chloe will be organizing a Guinness World Record bucket

drumming event and FUNraising. She promotes bucket drumming through the generous donations by Home Hardware, hoping to encourage the children and the Kitchener-Waterloo community to establish a Guinness World Record of 1000 funny clowns bucket drumming in conjunction with Dr.

Chloe has contributed to the health and well-being of people from countries outside of Canada as well. Dr. Adams encouraged her to establish the Nose Power Institute through his Gesundheit mission in Costa Rica. Dr. Adams believs that a clown with a red nose can be instrumental in helping to promote mental wellness, and laughter is the best medicine. "Humor is an antidote to all ills," Dr. Adams said. "The role of a clown and physician are the same - it's to elevate the possible and to relieve suffering." In 2017, Chloe participated in Dr. Adams' Costa Rica mission to help the vulnerable population at the orphanage, schools, senior's homes, women's prison, refugee camp, and the mental health institution.

At the University of Waterloo, Chloe conducted a humanitarian clowning workshop for the Humanities 101 free course. She will be scheduling workshops with the Kitchener-Waterloo Libraries and she is also collaborating with the Frontline Forward in bringing mental wellness to the community. The participants will receive a red nose as a badge of the clown's fellowship and a certificate of Doctor of Clowning after attending the workshops.

All of this hard work and dedication to the community has led Chloe to win the 2018 Oktoberfest Rogers Women of the Year Award in the Young Adult category. This



Recipiants of the Oktoberfest Rogers Women of the Year Award in various categories. From Left to right: Chloe Jang (Young Adult), Margaret Brockett (Professional), Hilary Gauld-Camilleri (Arts and Culture) and Nancy Koebel (Community Service); along with Miss Oktoberfest 2018, Sandra Dynka.

award, sponsored by the Kitchener Fire Department, is given to an individual between the ages of 14 and 23 who demonstrates leadership and who are seen as a role model within their community and to their peers.

In the spirit of this award, Chloe is continuously demonstrating leadership, and is currently organizing a TEDx Youth Kitchener-Waterloo event to encourage the newcomer youth to tell their

The young people will be playing the ukulele and singing songs that include "We are the World" and "I like to teach the world to sing" during the TEDx production. Additionally, to further inspire the young people to give back to the community, Chloe has organized an intergenerational activity which involves interacting in play sessions with the residents of Schlegel University Gates long term care home.



Chloe Jang addressing the audience at the Oktoberfest Rogers Women of the Year Award presentation.



Keith Martin and spirituality

Devan Munn Reporter

any students might be shocked to find out that there is a non-religious chaplain on the at the University. Keith Martin has been that person for the last four years. Since imprint did their initial profile on Martin lots has changed in his chaplaincy. I sat down with him to find out more about his unique role as the 'chaplain to the none's,' what he offers students, and his views on the spiritual but not religious movement.

The primary goal of his chaplaincy remains the same:

"Help students keep good values; because that is what spirituality is about." He especially wants to be a bridge to students who may be leaving or entering a faith-based or atheistic paradigm. He wants to be a "connecting point for people leaving either religion or atheism who are trying to find something with spirituality or goodness."

Martin thinks that around half the campus population might fall into the 'none' category and hopes his chaplaincy work can be a safe place to explore what it means to be spiritual but not religious.

Martin has grown increasingly concerned with the religious and political tribalism he has seen both in Canada and the United States. "There are forces at work pulling us back into tribalism; I want to be a voice saying resist that, be somebody that has a worldview that works for you and enter into respectful dialogue if you differ."

That is why he says his chaplaincy is not anti-theist. He says atheism is about what you don't believe in not what you do. However, there might be respectful critiques of theism in his groups. More central to Martin is ensuring students can find a values-based paradigm in which they can flourish.

Martin has had to adapt his chaplaincy and outreach efforts to

help students grow in their value systems. Most students are drawn to goodness "whether spiritual or not," he said. He is increasingly emphasizing what it means to have good values, without necessarily emphasizing 'spirituality,' which he believes can have negative connotations, especially among younger people.

He also says his chaplaincy is firmly rooted in the idea of community, which he believes is more important than ever to offset student loneliness, mental health, and the dark side of social media.

His chaplaincy consists of several groups, as well as his office hours. At 'Taste of Oasis,' a small group gathers to view a film, hear a speaker, and discuss amongst themselves. Taste of Oasis has been so popular that they have carried the conversations over into "Coffee with Keith." He also has weekly office hours on Tuesday from 1-5 where people can come for one-on-one talks.

His work on campus has also

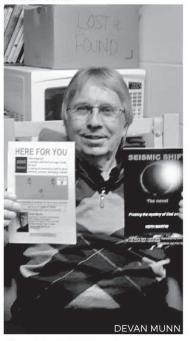
spilled over into his writing and other endeavors. He has written a follow up to his book 'seismic shift,' a fictionalized account by the same name that is based on a character attempting to reconcile a loving God with the horrors of the Rwandan genocide.

He has also started a website to spread the 'good but not religious,' idea, and also does non-religious invocations.

He continues to find his work very rewarding. "I am here for all the students who don't find faith works." But he continues to maintain, "Every student has spiritual needs," for "purpose, meaning, and identity." "I continue to feel when a student shares where they are, just seeing what the next steps for them is really rewarding."

For more information about Martin, his chaplaincy, new book, and events you can visit: http:// goodbutnotreligious.ca/chaplain. php or his UW profile at https:// uwaterloo.ca/chaplains/peopleprofiles/keith-martin.

He can be reached directly at 519-372-4642 or keith.martin@ uwaterloo.ca.



Chaplain Keith Martin

THEMUSEUM wants Democracy

CEO threatened with jail time for offering voters free admission, but wont back down

age Waterloo Region residents to

exercise their right to vote. We do

want to offer free admission, we do

want to promote democracy and

we do want to make THEMUSEUM

essarily afford it," he said.

Victoria Gray **Executive Editor**

THEMUSEUM CEO David ▲ Marskell has been warned that his latest promotion could land him in jail or cost the community non-profit a hefty fine.

THE MUSEUM sent a press release last week offering the community free admittion if they could prove they voted.

But Marskell has been warned

that offering free admission to those who vote, contravenes Section 90(3) of The Municipal Election Act.

A media release issued last Wednesday states that anyone who votes in Monday's municipal election would receive free admission between 10 a.m. and 9 p.m. on Wednesday, October 24.

On a radio show Thursday Marskell admitted his guilt and attempt to inciting democracy.

"It was simply a way to encour-

ipal election was a dismal 30 per "THEMUSEUM is a not-forprofit, underfunded organization that can't afford to pay a fine. I also have no interest in going to jail... although I'm sure there's a line-up of people who would like to see me in the slammer!" Marskell said. "We will still be offering free admission on Wednesday, October

itor Services." The password is 'Please Vote'.

While THEMUSEUM is not way affiliated with an individual candidate, it supports civic involvement and opposes voter apathy.

"It is up to us to use our collective voice and support the candidates who will make a positive im-

pact on this community," Marskell said. "Ask the tough questions until you get an answer; celebrate those who say they'll fight for you. Look for tomorrow's leaders with

vision and vote them in... then enjoy a free visit to THEMUSEUM!"

It recently launched two exhibitions. BRAIN and Connections and Contexts.



THEMUSEUM is offering voters free admission Wednesday.





Campus Question

See what students think about political questions

This Week: What do you think of marijuana legalization?



OURTESY FREEPIK.COM

Huichuan Cai

BASE program oA

"I think the legalization of marijuana is a shock for me because the drug is totally banned in China. Some of my friends want to try it but my parents warn me not try it.

I have heard so many sad international students drug stories and Chinese students 'like me may reject it, in my opinion."



Latasha Nelson

4A Speech Communications (Arts) and Business

"I really have no opinion on it. Doesn't affect me in any positive or negative way."



Mahmoud Radwan

Masters of development practice

"I totally support this, people do it either way, however it is quality controlled now. Also government would get many profits out of its taxation so they can fund other important projects like health or education. I wish it can be legalized in Egypt too."



Ineke Knuvelder

4A Exchange Student, ARTS

"In my opinion, legalizing marijuana erases the misuse of it. People do it whether it's legal or not. Countries like the Netherlands (although it's not actually legal there) show that the government can control misuse better when they let people do it with certain regulations."

Columbia Lake shoreline cleanup

Charlotte Hings Managing Editor

n Sunday Oct. 28 at 11 am, the University of Waterloo is hosting a shoreline cleanup event organized through The Great Canadian Shoreline Cleanup at Columbia Lake. The goal of this cleanup is to keep the shoreline clean for the community as well create awareness of the trash produced and its effects on the wildlife.

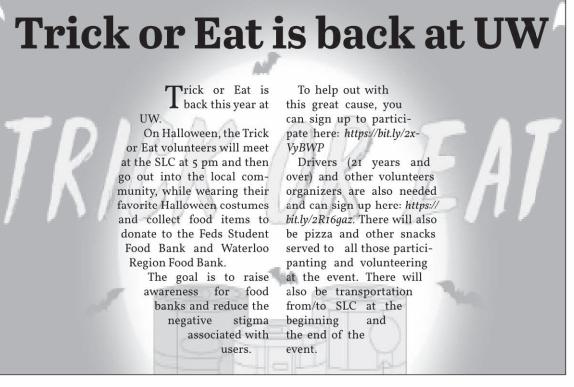
Columbia Lake is a habitat for many bird, fish and frog species as well as other shoreline wildlife, and thus, it is important to keep it pristine.

At the last Columbia Lake cleanup, 20kg of trash was collected by volunteers. The event is organized by UW, but, all members of the community are welcome to help out. Anyone wishing to volunteer to clean up garbage from the lakeside can meet just west of the Brubacher house and north of the athletics fields at the picnic tables.

Gloves and garbage bags will be provided for cleanup equipment and light refreshments will also be served.







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A garbage mountain showing the total amount of garbage produced from the Davis Centre in one week.

Charlotte Hings Managing Editor

ero Waste Week was held a week ago here at the University of Waterloo, focused on encouraging students to be more aware of the waste they produce and to take steps to reduce their material footprints.

To kick off Zero Waste Week, an open lecture was held on Monday that discussed many local and global waste challenges. This was done in hope of inspiring students to take action and join the Zero Waste Week Challenge.

countries Developed centered around the high consumption of disposable products. There is a tremendous amount of waste that is constantly being created by affluent societies.

In fact, the average North American produces about four pounds (1.7 kg) of trash per day. Much of this waste is plastic, a demon in disguise.

In many respects, plastic can be seen as a very useful material in the manufacturing and packaging of various goods due to its versatility, durability, and light-

On the other hand, it is terrible for the environment as it is made from oil, a high-carbon fossil fuel. Worst of all, these plastic packaging elements are typically only used one time before being thrown away to a landfill where they can then take hundreds of years to degrade. While it degrades, it releases toxic chemicals into the soils, oceans, and freshwater systems, thus damaging ecosystems and harming those who depend on

In many affluent societies, people have fallen victim to consumerism, and are obsessed with the accumulation of trivial material objects in order to prevent them from growing bored. This over-consumptive and material-driven society is fundamentally altering the Earth System in ways that compromise our own well-being. This is why reducing consumption and waste at the individual level is so important.

The Zero Waste Challenge is designed for precisely this reason: to improve students' waste consciousness and to encourage them to reduce their own personal material waste.

From Monday Oct. 15 to Friday Oct.19, students had the opportunity to partake in the challenge by registering online and were then encouraged to take the necessary steps to reduce



An example of a Zero Waste Week Challenge waste jar.

their waste for the week such that it would fit in a 500 mL mason jar.

Another feature of Zero Waste Week was the online Waste Quiz. It asked students questions to determine how knowledgeable they were of the various waste services on campus and at home, as well as how to properly dispose of different types of material waste products using these services.

The last feature of Zero Waste Week was the garbage mountain, which was located just outside the Davis Centre (DC). Here, all the garbage produced in DC throughout the week was accumulated, giving students a visual idea of the immense amount of waste produced from this one building on campus, hopefully encouraging them to take the necessary steps to reduce their personal waste.

Zero Waste Week may be over now, but this does not mean that efforts to reduce waste and to save the planet should stop. The main sources of waste can all be tackled with just five simple actions that can be done anytime.

FIVE ZERO WASTE TIPS:

- 1. Shopping at bulk stores and bringing your own containers to fill with food products.
- 2. Always having your own reusable coffee mug, water bottle, utensils and straws.
- 3. Using reusable shopping bags and produce bags at the grocery store.
- 4. Eating take-out/fast food less frequently.
- 5. Making DIY alternatives for various hygiene and cleaning products such as toothpaste, dish soap and deodorant, which are easy to find online.



What zero waste grocery shopping looks like.

Roses are blue, violets are...?

The Impossible Blue Rose realistically defies reality through a seemingly ordinary yet compelling collection at UWAG



Faith Rahman Arts & Life Editor

tumbling upon the dimly lit room unawares, at first glance the average passerby may find themselves intrigued or impassive - or strangely enough, somewhere on a spectrum between both. Here, the curious are rewarded by increased curiosity.

The Impossible Blue Rose, an installation-meets-feature-film by Lisa Lipton, is divided into nine chapters and held at the University of Waterloo Art Gallery (UWAG), revealing its secrets as much as the visitor

Greeted by a seemingly ordinary yet exceptionally eclectic and compelling collection of objects and videos, "The Impossible Rose" exhibit evokes an eerie nostalgia, presenting a complexity of emotions and self-discovery in all of its unadorned, unadulterated glory.

Duct taped high on a wall are colouring pages of a coconut painting on a beach. In the centre, lies a drum set embellished with the original Disney characters. Tucked into the back corner is a rack of clothes, each piece with its own unapologetic personality.

The back wall features snippets and chapters of an unfolding story through multiple videos, with the final chapter being played in a feature film next door. To the left in the main gallery, a neon dolphin sign, a mysterious blue liquid sitting in a cocktail glass, and a bowl of fortune cookies, await amongst other souvenirs, beckoning the visitor to listen to the whisper of their stories and daring them to question it all.

Transporting visitors to a universe where blue roses exist, the artist along with her alter ego, portrayed as Frankie on screen, embark on a journey both physical and emotional over three and a half years. Both the artist and visitors of the exhibit travel to Los Angeles, Nova Scotia, Vancouver, and Kailua in Hawaii to name a few, through a number of video performances including a variety of drumming, dancing, and theatre.

Hailing from the Maritimes, Lipton is currently in Calgary and has presented her works internationally.

As art always does, this one invites interpretation as the emotions are as much part of the art as the objects themselves.

The Impossible Blue Rose along with Lipton's solo exhibition Chapter VI: Greysville showcased separately at Hamilton Artists Inc., will be open until Oct. 27, 2018.

The migration of youth away from Catholicism

Harleen Kaur Dhillon Editorial Assistant

David Wells preaches a message of love, mercy, and acceptance to bring youth back to Catholosism.

"If you begin with the premise that young people are a problem to be solved, you are already in a position of judgement. You are superior in the relationship [...]," the Catholic educator, speaker, and author said. "You have to come to any crisis in the Church with the eyes of love. You can do no other thing than to offer mercy first."

on Oct. 19, over a hundred middle- and older-aged adults gathered in St. Jerome's University (SJU) to hear Wells, talk about how to recall young people to Catholicism. Wells gave a special lecture as part of SIU's Lectures in Catholic Experience series.

Wells drew lessons from his own experiences and the wisdom of others, such as the Gospel and the Pope.

He emphasized the importance of showing virtues and not losing joy when attempting to convince young people to come to Church. It is authenticity, not rationality,

that people search for.

"Many of us will be converted not by arguments, but by virtues [...] I'll tell you what will bring young people to Church - if we cheer up [...] they've got to see your virtues," he said.

Outside the lecture hall, some of Wells' books were displayed for sale. Alex Baker, graphic designer at Words Worth Books, was tasked with selling them, but she does not believe in any of the ideas she was sell-

"When questions of 'why do you do/say/ believe that' always sort of boil down to just 'have faith' it always felt like something of a cop-out," Baker said.

"Religions shouldn't push evangelicalism, and to a somewhat lesser extent I would like it if no one introduced young children to religion. I think faith, however you define that (religious, spiritual, even faith that there's nothing), is something that should (and possibly can only) be reached individually," she said.

In terms of why people are leaving Catholicism, Wells pointed to the need for a sense of belonging among the youth.

"The first time you walk into a Church,

you need the smile of the person sitting next to you. It's enormous," Wells said. "If we don't cheer up and if we don't tell our faces, people are not going to believe us."

Baker was not satisfied with this logic, especially as issues such as sexual abuse in the Church and persecution of LGBT+ people was largely ignored.

"One thing that [bothered me was], when talking about the reasoning found for young people to be leaving, it was not sexual abuse scandals," Baker said. "Just glazing over the topic once or twice, without stopping once to acknowledge it when you're trying to sing Catholicism's praises was very elephant in the room, [in my opinion]."

Wells briefly addressed scandals in the Catholic Church, but talked at length about "coming out as Christian," In an anecdote about his daughter's experience at school, Wells described the contrast between people's reactions when a young man came out as gay versus when his daughter "came out" as Christian.

'What has happened now is that being a Christian minority, or indeed any religious minority, is to be seen as [ridiculous]. It's a kind of passive persecution. You [must] be strong now to be under the age of thirty and show religious conviction," he said.

Baker believes otherwise. Religious conviction in itself is not a reason for persecution, rather it is cause for respect.

"People who find their faith on their own, as long as it's not forced on others, I absolutely respect because they take what they need from it," she said.

Wells talked of differences in how people treat each other and highlighted the need for self-reflection.

"We categorize each other, we stereotype each other, and we lose each other's dignity." Wells said. "Is it possible that [...] we just need to take a step back and just say 'do we need to look at things differently?" he said. "Have you ever stood in a religious place and thought, 'I think it was supposed to be better than this'?" Baker, like many others, finds no need for organized religion.

"That sense of something more I never felt in any church I have felt while sitting out in nature. There's a rocky outcropping on Mount Nemo [...] and sitting there, I do feel the power of nature," she said.

For more information visit https://www.sju. ca/lectures-catholic-experience-2018-2019-0

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science & tech



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Groundwater ownership grey area for leaders

Harleen Kaur Dhillon Editorial Assistant

ividing water resources, especially the ones in the ground, is a controversial problem that plagues governments.

On Oct 18, William "Bill" Blomquist gave a special lecture as part of UW Water Institute WaterTalks series on the obstacles of water and resource governance at the William G. Davis Computer Research Centre.

Blomquist drew attention to the differences between surface and groundwater, as well as the main differences in their governance.

Currently, surface water and groundwater are managed together.

"One of the challenges of managing surface water and groundwater together is that surface water and groundwater boundaries are not the same," Blomquist, a Professor of Political Science and Adjunct Professor of Public and Environmental Affairs at Indiana University Purdue University Indianapolis (IUPUI) said.

The question of boundaries and where they should be placed is particularly difficult. Topographical maps are ineffective tools for boundary formation, as groundwater boundaries often do not resemble those of surface water.

This is a political question that people are not comfortable with.

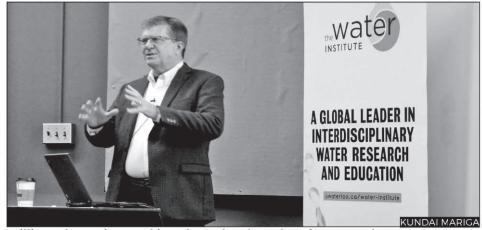
"When we think about the boundaries of a governance system, [...] they are, at the bottom, political questions [...]. Those are governance questions that lie behind the management questions that lie behind the actions," Blomquist said.

"As soon as you introduce the adjective "political" into the conversation, people's stomachs get queasy, nobody wants it to be political," he said.

To address the political nature of boundaries, and the question of who should be making decisions related to them, governing bodies often speak of "stakeholders" with "affected interests" who must be part of the decision making process.

"When we would like to find a way out of the politics of it... [someone may say] we'll just design the governance to include all the 'affected interests' - great, clear, truth statement'," Blomquist said. "But what does it mean to have an interest in a water resource? What does it mean to be an affected interest?"

"[Stakeholders are] as benign as 'all the affected interests' [...] if that's as far as the conversation goes, it's fine," he said. "But I am cu-



William Blomquist speaking about the obstacles of water and resource governance at the William G. Davis Computer Research Centre.

rious about what it means to be a stakeholder and, from a governance standpoint, who participates in decision making and... are all stakeholders the same?"

Ultimately, humans try to compartmentalize a complicated reality into more manageable pieces.

"Human beings, God love us, are neither as smart as we think we are or as dumb as we sometimes look. We have our limits," Blom-

"Given the limits on humans [they tend to] decompose even things that are interrelated, into more neurally tractable components [...] when we recognize the interrelations in water managements, [...] that's important," he said.

WaterTalks is a series that invites researchers from all over Canada and the world to speak on global water issues. To learn more about the series and to attend the next lecture on Nov 1st, visit https://uwaterloo.ca/water-institute/watertalks.

Minds in Machines: will our nightmares become reality?

Harleen Kaur Dhillon **Editorial Assistant**

Ts the inevitable reign of robots just de-**L** cades away? Will humans soon be at the mercy of Artificial Intelligence (AI) overlords?

Professors Paul Thagard and Chris Eliasmith expressed their doubts about claims of AI surpassing humans in their special lecture, Minds in Machines: Comparing Biological and Synthetic Intelligence at St. Jerome's University on Oct 17. Their lecture was part of the St. Jerome's University Bridges Lecture series, which aims to bridge differences between Arts, Mathematics, and Science.

The short answer is: AI is not going to take over the world, at least not anytime soon. AI is still far from matching, let alone surpassing, human intelligence.

"Intelligence isn't just hardware – it's also the software; the ability to work with images and concepts and rules..." Thagard, philosopher and founder of the UW Cognitive Science program, said.

"These gaps [between artificial and human intelligence] are not going to be filled simply by making computers faster and faster, these

are deficits that require reconceptualization and reprogramming," he said.

"We're designing these agents, we don't necessarily give them all the wants and desires of a person, like we don't want them to take over the world, for instance, we could design them with behaviours that could improve our own productivity," said Eliasmith, Director for the Centre for Theoretical Neuroscience and member of the Royal Society of Canada College of New Scholars, Artists and Scientists.

The purpose of AIs is more a question for ethicists, who will have to wrestle with the ethical use of artificial intelligence just as they struggle to provide moral foundations for dealing with non-human animals. Humans will need to create a new system of values to deal with the unique challenges of AI.

"We don't even have a very good understanding of how ethical reasoning should work with respect to people...it's really unclear how you extend these to machines or even non-human animals..." Eliasmith said.

"A really important project for the next few decades is to sort a much deeper way, what kinds of ethical standards should apply to non-humans, both machines and non-human animals... it needs to build on the science, it needs to tie in to what we know about

machines... building on the science, building on the mathematical areas, it needs to work out a whole new system of values that I think doesn't exist yet he said.

Eliasmith thinks that better models of the brain are needed to understand intelligence, and then create it.

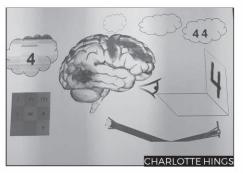
"If you don't build bigger, more sophisticated models, then, unsurprisingly, we're not going to get more sophisticated behaviour," he said.

Eliasmith and his team have created Spaun 2.0, a computer model of a brain with 6.6 million neurons and 15 billion connections. Spaun 2.0 is 9000x faster than its predecessor and is capable of 12 tasks. It is one of the most sophisticated models of intelligence in

Still, Spaun 2.0 does not meet the eight mechanisms of intelligence defined by Thagard. These are: consciousness, language, actions and intention, emotion, analogy, rules, concepts, and imagery.

Most AIs are able to do a few tasks really well, but lack generalizability. That is, they are very good at one task - such as speech recognition or playing chess - but are unable to perform the wide range of tasks that humans

People need not worry about AIs just yet.



A grapical representation of Spaun 2.0 and its capabilities.

"In contrast to people like Stephen Hawking, I'm actually not that worried about AI surpassing human intelligence and becoming a threat, maybe hundreds of years from now, but [I am worried about] the threats that are already facing human beings, things like global warming," Thagard said.

"These people are underestimating human intelligence and, even more importantly, misunderstanding AI and not realizing the range of features we can operate and the range of mechanisms that we can operate," he

For more information about the Bridges Lecture series, visit https://www.sju.ca/bridges

sports & health



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Warriors mount an unreal comeback



Syed Nagvi Sports Editor

fter two consecutive losses against Ryerson University and Western University in the opening two games of the season, Waterloo Warriors Men's Hockey won against the Laurier Golden Hawks, and the victory was nothing short of remarkable.

Warriors came back from 2-0 down in the first period to turn the score-line to 3-2 in their favour during the second period.

At Columbia Icefield, the Golden Hawks started the game extremely well and were

rewarded instantly after Lucas Batt scored from a rebound to make the scoreboard read I-O in the favour of Golden Hawks.

Then, just before the conclusion of the first period Anthony Conti doubled the lead of Golden Hawks by tapping in from close

Of the Warriors, Julian Sime was, by far, the best player for the Warriors during the first period as a he made a string of brilliant

The fact that both of Golden Hawks' goals were scored from rebounds is a testament to the fact that Sime was a wall standing in front of the Warriors' goal.

The Warriors started the second period

rejuvenated and this was proven immediately as Markson Bechtold halved Golden Hawks' lead in the first 30 seconds.

Sime continued his excellent form from the first period as he made a game defining save in the second period to deny Jeremy Pullara.

Sime's virtuosity in front of the goal spurred a change in the Warriors as they attacked Golden Hawks with renewed mo-

Yet again, they capitalised on their goal-scoring opportunity as Cam Nicoll score the game-tying goal.

The late stages of the second period saw Warriors complete their unreal comeback and it was Nicoll again, at the right place and at the right time, to drive the puck home. The scoreboard read 3-2 in favour of

After the second period the game was quite cagey as Warriors, with Sime leading from behind, had to defend their slender lead. Sime proved again and again to be the fort that Golden Hawks just couldn't penetrate. Rightly so, Sime was the star of the show as he parried an unreal 27 shots directed at the Warriors' goal.

Warriors recorded their first victory in the 2018-2019 season and, with Sime as their goaltender, it seems like they have a real chance to win trophies this season.





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Executive Editor: Victoria Gray
editor@uwimprint.ca
Advertising & Production Manager: Laurie Tigert-Dumas
ads@uwimprint.ca
Editorial Assistant: Harleen Dhillon
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Next scheduled post-mortem meeting: Wednesday, Oct. 24 at 3 p.m. Imprint Office, SLC 0137

Next scheduled Board of Directors meeting: Monday, Nov 15 at 5:30 p.m.

opinion



HAVE YOUR SAY

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

Facebook's content moderation Buth Stewart-Patterson

The future of freedom of speech on Facebook.

The extent to which Face-book is responsible for moderating the site's content has been an ongoing debate since it was a college site. Since then, the number of active users per month has increased to 2.23 billion, and with this increase in reach comes an increase in content, impact and moral gray areas on what to remove.

Tackling these gray areas means tackling problems that span user experience, politics and public relations, but most importantly, human nature. That is, resolving what lines should be drawn on what users can post without constraining their ability to express themselves authentically. But what is most flawing the company's process now is what makes their long term strategy so right.

One of the content moderation process' biggest flaw is how narrowly defined the guidelines are for content that is acceptable. This is, of course, to be expected when artificial intelligence is doing the job, which it is, on over 90% of the content. But the rest of the decisions are made by 7500 people who were hired by Facebook to examine over 250,000 daily flagged posts.

Their decision-making process still mostly disregards context, following the intricate flow charts provided by policy specialists from other teams.

A systematic process that was crafted without any context for the specific post at question is bound to cause some errors. As a consequence to these errors, users' posts that are merely commentary on offensive content may easily be removed. This case surely contradicts Facebook's growth model, which was built upon the idea of encouraging users to share more content and thus attract even more users.

Facebook's growth model, however, is only a means to achieve their mission: "Give people the power to build community and bring the world closer together."

First, to bring the world closer together, they must enter the market in every geographical zone. This is done more easily done when they can tweak policies according to the legal requirements in those zones. Since the decision-making process for removing content is so systematic and explicitly defined, it's faster to make necessary changes and standardize them.

Next, to give people the power to build community, users must be able to exchange both opposing and similar ideas without being able to put each other down. Therefore, the site must be able to distinguish between content that is offensive and controversial, inappropriate and artistic, or hurtful and sarcastic.

Machine learning techniques are simply not advanced enough to perfect this type of algorithm. Us humans can barely draw these lines for contexts with which we're intimately familiar without lengthy debate. Nonetheless, in collecting data from the posts that were deemed incorrectly removed, we have more and more data to train models that are statistically more effective in the removal of the content that was determined to have an undesirable impact.

It's easy to blame Facebook's content moderation problems on their rush to protect their branding and market share. But the fact is, that they're putting together some of the brightest minds to solve a very important problem that encompasses so much more.

By not recognizing this, we lose the opportunity to think critically about what we're going to let technology do in order to shape our vision of the world.

Carla Leal

2A Management Eßngineering

A good deal for Canadians

North American Free Trade Agreement is promising for Canadian Workers

The United States Mexico Canada Agreement is an updated, modernized North American trade agreement that is good for Canada and good for Canadians

It is the result of Canada being tough at the negotiation table, united at home, and getting the

Canada negotiated hard. We stayed strong, even when some were urging capitulation. We held out for a good deal, and we got a good deal. Canadians can be justly proud of this.

The Canadian Chamber of Commerce, which represents 200,000 businesses of all sizes across our country, has strongly welcomed the United States Mexico Canada Agreement. So has Unifor, Canada's largest labour union. That is a well-balanced outcome.

Consider the facts: in the face of possible and widespread disruption to our integrated North American economy, we have protected more than \$2billion a day in cross-border trade and tariff-free access for more than 70 per cent of Canadian exports. Every Canadian whose livelihood relies on trade - which is most of us - benefits from the renewed certainty.

This agreement is good news for the hundreds of thousands of Canadians who work in the auto industry, including all Canadian workers. That's because the agreement preserves crucial cross-border auto supply chains and improves wages and labour rights for Mexican workers, which levels the playing field for workers here at home. The car industry now has stability and room to grow and thrive.

This agreement is good for Canadian exporters. It preserves Canada's preferential access to the U.S. market, while updating and modernizing the agreement for the 21st Century, in areas such as digital trade, telecommunications, and anti-corruption. These changes have not been headline news, but they will make a real difference to Canadian businesses by making trade easier.

Together with CETA in Europe and the CPTPP in the Pacific, the USMCA means Canada now has tariff-free access to 1.5 billion consumers around the world. For a



Chrystia Freeman, Minister of Foreign Affairs, with Prime Minister Justin Trudeau.

nation of traders and exporters, this is an enormous opportunity.

In a relationship like that between Canada and the United States, where one partner is economically so much larger, rules matter and we need to make sure the rules can be enforced. The USMCA retains, in its entirety, the impartial dispute system - an independent tribunal that judges disagreements - which Canada fought so hard to include in the original NAFTA.

These tribunals are what our forestry workers have long used to protect their jobs from unjust trade actions. Keeping them was essential. It was hard to do, but we did it. And that is a win for Canada.

The agreement also helps strengthen Canada's identity and culture, and an independent Canadian media. The cultural exemption, which helps safeguard 650,000 jobs in cultural industries, has been protected.

The USMCA is good for Canadian farmers. It preserves tariff-free access to the U.S. market for Canadian ranchers and grain farmers, and it maintains supply management in dairy, eggs and poultry. With CETA, CPTPP and the USM-CA moving forward, supply management is preserved.

Changes to the dairy sector are roughly in line with changes made in CETA and CPTPP, and we will fully and fairly compensate our farmers. The government is establishing a working group, in partnership with the dairy industry, to ensure its vitality long into the

The USMCA is good for Canada's energy sector. The existing NAFTA contained a clause that infringed on Canadian sovereignty by preventing our country from controlling where we sell our energy resources. That clause is gone. The sector will also benefit from

administrative improvements that will save the energy sector more than \$60 million a year in duties and other fees.

This agreement is good for the environment. It contains a new environment chapter with strong, enforceable standards for clean air and water.

In the same vein, the USMCA supports women's rights and minority rights. Indeed the labour chapter contains the toughest enforceable measures upholding gender and minority rights in any Canadian trade agreement.

Likewise, this agreement is positive for Indigenous peoples. The renegotiated NAFTA contains language that recognizes and upholds the unique role of First Nations, Metis and Inuit in protecting and preserving the environment.

Perhaps one of the achievements I'm most proud of is that the investor-state dispute resolution system, which in the past allowed

foreign companies to sue Canada. will be gone. This means that Canada can make its own rules, about public health and safety for example, without the risk of being sued by foreign corporations.

Known as ISDS, this provision has cost Canadian taxpayers more than \$300 million in penalties and legal fees. The road to a successful agreement in principle with the United States and Mexico was not easy, or free from drama. Nor is any deal of this kind ever perfect. That's the nature of negotiations.

As Canadians take stock and move forward, we can rest assured of one thing: Team Canada, including key players from across the country and from across the political spectrum, maintained a united front.

We hung together. We stayed strong. And we succeeded.

> **Chrystia Freeman** Minister of Foreign Affairs

campus bulletin

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upcoming events

October 2018

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.

Wednesday, October 24

Music Noon Hour Concerts, www. uwaterloo.ca/music, presents "Like Minds" jazz at 12:30 p.m., Conrad Grebel Chapel.

Saturday, October 27

Mayor's Souper Sampler 9th year will take place from 10:30 a.m. to 2 p.m. at Cambridge City Hall, that helps support Meals On Wheels and more! Entertainment and trick or treat festivities for all ages. For more info 519-772-8787 or cscmow.org.

Saturday, November 3

Emiko's Mini Convention 2018 at 10 a.m. to Sunday, November 4 at 5 p.m. at The Accelerator Centre, 44 Gaukel Street, Kitchener, Ontario. Waterloo Region's longest running fan-run Anime, Gaming and Comic Convention are getting ready for our annual event this November. Weekend passes are available online. www.go2emc.ca/ facebook. Contact information: info@ go2emc.ca.

Friday, November 9 & 10 Art\$Pay Member Annual Juried Art Show & Sale at 137 Glasgow Street, Kitchener. For event details visit www.artspay.org.

Saturday, November 10 Love of Music Marathon

presented by the K-W Symphony Volunteer Committee First United Church, King Street, S. at William Street, Waterloo from 10 a.m. to 5 p.m. One hour concerts all day with amateur and professional musicians; all kinds of music. Free admission.

Sunday, November 11 Scrabble & More Christmas Ba-

zaar at Parkminster United Church, 275 Erb Street, E., Waterloo. Enjoy shopping at our Marketplace for unique gifts, preserves, gift baskets, baking, books and puzzles. Fun games, door prizes and refreshments. All proceeds to Stephen Lewis Grandmothers to Grandmothers Campaign

Wednesday, November 14 to 17

Theatre and Performance program presents Fall term production "Tomorrow Love" at the Theatre of the Arts in Modern Languages, UW. For more info/tickets 519-888-4908 or Janelle at jrainville@uwaterloo.

Wednesday, November 21 Walter Bean Public Lecture (free)

- "On the State of Freshwater Fish and Fisheries: Finding a Future

for the Forgotten," from 7 to 8:30 p.m., Humanities Theatre, Hagey Hall, with speaker Dr. Steven Cooke. Register at www.waterloo.imodules.com/tdwalter-

Friday, November 23 & 24

Booklovers - find treasures at the Elora Festival Singers Christmas Book Sale from 3 to 8 p.m. on Friday and 10 a.m. to 2 p.m. on Saturday. Cash only event. Admission and parking are free at the EFS Book Depot, 380 St. Andrews Street, W., Fergus (side entrance).

Saturday, December 8 Galaxy of Gifts - a fundraiser for Lutherwood Foundation at Luther Village on the Park - Great Hall, 141 Father David Bauer Drive, Waterloo. Over 50 tables of handcrafted items, jewelry and more! Free admission; door prizes; BBQ food and refreshments. For more info 519-783-3710.

announcements

TUESDAYS - GROOVE exercise class at E7, 2nd floor pitch space from 5 to 6 p.m. For more info cindy@uwaterloo.ca. Gamelan - join the World Music Ensemble or Community Gamelan. For more info, www.uwaterloo.ca/music/ ensembles.

Chapel Choir - connect with friends. unplug from screens, sing your faith. Chapel Choir meets Mondays and

Wednesdays at 4 p.m. Available for credit or an extracurricular. Contact Professor Kate Steiner at ksteiner@ uwaterloo.ca or www.uwaterloo.ca/ music for more details. Audition interviews begin September 10.

volunteering

Bereaved Families of Ontario

- Midwestern Region, The Family Centre, 65 Hanson Ave., Suite 1042, Kitchener. We currently have a number of exciting volunteer opportunities. For more info, jaime@bfomidwest.org or 519-603-0196. Become a Meals On Wheels volunteer! Call 519-772-8787 or www. communitysupportconnections. org/volunteer/apply.

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Sudoku

Enter numbers into the blank spaces so that each row, column and box contains the numbers 1 to 9.

E	Δ	S	,
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BY TIMI-Bick

THE OTHER SIDE

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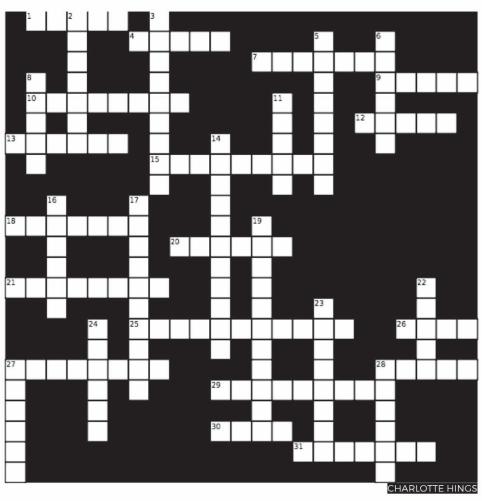


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Q: WHAT IS THE MOST IMPORTANT SUBJECT A WITCH LEARNS IN SCHOOL?

A: SPELLING.

Coffee Lovers in a Dangerous Time



Across

- 1. Add some Bailey's
- 4. Turns green coffee into the brown beans

we know and love

- 7. Low elevation beans
- 9. [4 across] with the most [27 across]
- 10. Where coffee beans are able to grow
- 12. [23 down], steamed milk and foam
- 13. Easiest brew method
- 15. During WWII, American soldiers watered down their espresso because it was too strong for them
- 18. High elevation beans
- 20. Fruit containing the coffee bean
- 21. Coffee's partner in crime
- 25. Get caffeinated and entertained here
- 26. Coffee in the summer
- 27. The stimulant
- 28. Nothing added
- 29. Takes off the bitter edge
- 30. What coffee beans grow on
- 31. Most popular time to have a cup

Down

- 2. The worst coffee ever
- 3. World's most expensive coffee
- 5. American nickname for coffee
- 6. Famous writer who consumed 50 cups per day
- 8. Long-handled copper pot for making Turkish coffee
- 11. Drinking coffee at night
- 14. Coffee was the first food to be ____
- 16. [27 across] helps you
- 17. Got its name from the clothing of Capuchin Monks
- 19. Brewing using pressure and a piston
- 22. With a little bit of chocolate
- 23. When something is forced out
- 24. Manual pour-over
- 27. Perfect grind for a [19-down]
- 28. Top coffee exporter

Solution to last week's crossword:

E	L	K	S] (L	S	D		Т	В	A	R
R	U	N	Т		1	C	E		Н	1	D	Ε
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