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EVENTS

WEDNESDAY, OCTOBER 2

INKED! CALLIGRAPHY AND COFFEE

3 TO 6 P.M. @ UBC BOOKSTORE

A free event to learn about bullet journaling and calligraphy! The event is free and attendees get 15 per cent off Zebra brand stationary on the day of the event.

THURSDAY, OCTOBER 3

SOUND HOUSE: AFRICAN VIBES

7 TO 10 P.M. @ MOA

MOA's Sound House is roaring back in for its second year with its first performance coming from Ezra Kwizera and his band. This event will run you $15.

SATURDAY, OCTOBER 5

MARI BOINE FEAT. DR. SHERYL LIGHTFOOT

8 P.M. @ CHAN CENTRE FOR THE PERFORMING ARTS

$15 will get you a ticket to see Sámi singer Mari Boine, along with her bandmates Georg Buljo and Gunnar Augland. Dr. Sheryl Lightfoot will be holding a pre-show talk as well!

ON THE COVER

COVER BY

Salomon Micko Benrimoh

Want to see more events or see your event listed here?
ubyssey.ca/events

THE UBYSSEY

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LAND ACKNOWLEDGEMENT

We would like to acknowledge that this paper and the land on which we study and work is the traditional, occupied, unceded territory of the Coast Salish peoples, including the territories of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), Stó:lō and Səl̓ílwətaʔ/Selilwitulh (Tsleil-Waututh) Nations.

OUR CAMPUS

Facing the climate crisis, Professor Peter Dauvergne remains 'a diehard optimist'

"I'm not afraid to admit that I believe optimism is necessary for change." RYAN NEALE

Chimedum Ohaegbu
Contributor

For Dr. Peter Dauvergne, it all began with the collapse of fisheries in Atlantic Canada.

"I grew up in several fishing villages just outside of Halifax, Nova Scotia. Particularly I lived in Hackett's Cove and Indian Harbour," he said. "The people were living off the land and were making their livelihoods primarily through fishing so growing up it was quite influential to see the fish stocks slowly disappearing.

"I saw that and saw the power of environmental discourse and also the importance of responding when you start to see signs of a big crisis."

This formative event eventually led to Dauvergne obtaining a PhD in international relations, with a focus in conservation, from UBC. As a professor of international relations focusing on global environmental politics, he has authored or edited 17 books, supervised many PhD students and received multiple accolades based on scholarship inspired by the plight of his hometowns.

Now, he deals with climate catastrophe both in the lecture hall and on the international stage.

"Biodiversity loss, climate change, overfishing [and] tropical deforestation [are] having huge and unequal consequences for marginalized peoples around the world," he said.

"And the people with the least power are getting hit with the greatest consequences."

ECO-ANXIETY

Dauvergne believes the enormity of the ongoing environmental calamity cannot be understated, though he tries not to let it faze him. To him, the climate crisis's negative effects on the mental health of activists, scientists, academics and the general population are of vast importance.

"That has been tough, sometimes, in my career to see these environmental problems that I've been trying to understand still collapsing like they did in the fishing villages that I came from."

Increasingly destructive hurricanes, raging wildfires and the sobering fact that Canada is heating up at twice the global rate all contribute to what Dauvergne and others refer to as "eco-anxiety" — a chronic stress about the climate crisis.

"Eco-anxiety is rising, especially among the young," he said. "But I think it is [also] rising among people who think and care about the world that they live in."

Combatting eco-anxiety, he believes, is as difficult as it is necessary, lest people find themselves burnt out and unable to continue advocating for environmental justice.

But in the face of such overwhelming odds, where can people draw strength to fight back?

OPTIMISM & RESPONSIBILITY

Dauvergne thinks the answer is two-pronged: defiant optimism and clear-eyed responsibility.

"I'm a diehard optimist. I'm not afraid to admit that I believe optimism is necessary for change. The strategy is when you're losing hope, well, find examples where things are getting better, [where] things are improving," he said, citing achievements like the ozone layer healing and the slow-but-steady increase in endangered animal populations like whooping cranes and bald eagles.

Dauvergne also noted that it takes a village to raise a challenge against harmful paradigms. Community-based ecological activism often doubles as a way to empower women and other marginalized groups, as in the case of Wangari Maathai's Green Belt Movement in Kenya.

"I take a lot of heart in the grassroots and all of the people who care about environmentalism and are willing, in many places, to even put their lives on the line," he said.

Alongside these more heartwarming examples, Dauvergne also cited anger as a helpful type of emotional fuel. This could be seen in the fortifying fury of climate striker Greta Thunberg and the frustration-backed determination of Indigenous water activist Autumn Peltier and Mari Copeny, also known as "Little Miss Flint" from her advocacy for a safe water supply in Flint, Michigan.

"I think it's an extraordinary moment. I hope it takes the world forward," he said. "My suspicion is it's going to help take the environmental movement forward. It's going to energize young people on social media and across cultures.

"This is not a joke."

THE HUMANITIES IN THE CRISIS

But Dauvergne grants that jokes — along with music, literature, performance art, 'soft' sciences and visual arts — prove crucial to the climate crisis movement for placing focus on expression and critical thinking.

"I see the humanities as central, if not more important, because one of the things that I've come to think over time is [that] we do need emotion," he said. "We do need to accept that we have deep, embedded biases, and the position that we're sitting in dramatically changes our perspective on global issues. So we need humanities, because 'being objective' can only take us so far."

Dauvergne reinforced this point when discussing the importance of utilizing a range of sentiments to stir people to act.

"Anger has a role, I think, because emotion has a role and we're going to need emotion to to move the dial," he said.

THE OPTIMISTIC FUTURE

Dauvergne is also constantly broadening his research.

His recent foray into the world of artificial intelligence (AI) for his forthcoming book, *Genius Squared: Artificial Intelligence and the Future of Sustainability*, affirms his assertion that "environmentalism in many ways is a movement of movements" that encompasses many fields.

"The rise of machine learning, and particularly the ability of machines to learn from big data, has the potential to produce great benefits for environmental conservation," he said.

"Everything from empowering drones to search for and identify poachers, to building listening devices that can sit in the rainforests to listen for and then alert authorities when they hear the sounds of illegal logging."

Dauvergne is careful to specify that AI isn't an ecological justice cure-all. In fact, it can cause other problems, such as governments using facial recognition to target climate activists.

Still, he continues to bring a cheerful determination to his work.

"I still feel incredibly optimistic and I think, partly, I have to be," he said.

BRIDGE BETWEEN GENERATIONS //

Orange Shirt Day at UBC seeks to open conversations, honour Residential School survivors and victims

At its core, Orange Shirt Day is meant to open a dialogue.

ELIZABETH WANG AND LUA PRESIDIO

Thomas O'Donnell
Culture Editor

On September 30, UBC honoured Orange Shirt Day. The day commemorates victims and survivors of the Indian Residential School System and looks to raise awareness on topics surrounding the schools.

Orange Shirt Day was started by residential school survivor Phyllis Webstad, who arrived at the St. Joseph Mission residential school with an orange shirt her grandmother gave her. Upon her arrival at the school, the shirt was confiscated, as she was forced to wear a uniform.

"It's very symbolic of their first entry into residential schools and time spent at residential schools where your identity and things that belonged to you were all taken away," said Tricia Logan, assistant director of research and engagement at UBC's Residential School History and Dialogue Centre (RSHDC).

The Indian Residential School System was a compulsory education program for Indigenous children. Officially beginning in 1883 and ending with the last school being closed in 1996.

During this process, children as young as four were forcibly removed from their families and sent away from their communities. These schools — which were run by Catholic, Anglican, Methodist, Presbyterian and United churches — banned Indigenous students from speaking their own languages, forced them to conform to the Western practices and often subjected them to sexual, physical and mental abuse.

Orange Shirt Day seeks to commemorate the victims and survivors of residential schools, but it also looks to do more than that.

"[It is a] memorial and commemoration for children who passed away but also [an opportunity] to reflect on those broader topics of social justice and reconciliation and anti-descrimination and racism," said Logan.

"Having Orange Shirt Day can renew that conversation and have a different conversation every year."

UBC has held events for Orange Shirt Day since 2017. Past events have included walking tours of campus and educational talks. This year, UBC had a number of events planned to honour the day.

For instance, the faculty of applied science hosted an event titled "Learn and Walk Together." The walk started at the RSHDC and moved to the Reconciliation Pole while discussing the history of the Residential School System. The RSHDC was open from 10 a.m. to 3 p.m. for visitors to tour the centre and view the exhibits on display.

The focus of the events on campus this year was to bring more attention to the cause.

"This year, what we were really trying to do was sort of raise awareness and see if we could spread the message about Orange Shirt Day," said Jessica Woolman, communications strategist at the RSHDC.

Woolman said that they sent out packages of T-shirts, mugs and buttons with "Every Child Matters" messaging on it to various people and groups on campus.

"We have really seen a large response to that, with people following up and wanting buttons for their staff, or we've seen a few different units responding by having events on the day," said Woolman.

OPENING CONVERSATIONS

At its core, Orange Shirt Day is meant to open a dialogue on a topic that is not frequently discussed.

"[Orange Shirt Day] is based on education," said Logan. "What a legacy of colonialism is and was in Canada."

"A lot of Orange Shirt Day is about creating awareness and having those conversations. Sometimes [they're] difficult conversations."

Though difficult, those conversations on colonialism and the impacts of residential schools need to be had to forward reconciliation. Logan said a challenge that is facing those conversations are those who don't want to participate.

"There are people ... who are a little less willing to listen to those stories. We need to present survivor stories and histories of colonialism in Canada and Indigenous peoples."

Logan stressed that this anniversary is not just for Indigenous people or those directly affected by residential schools.

"Sometimes people hear the stories and think 'that's just for Indigenous people,'" she said. "But [it's important] to really learn about these broader topics in Canada — anti-discrimination, anti-bullying, anti-racism and how that involves all children. That message of 'every child matters' really hopefully shines through throughout Orange Shirt Day and after Orange Shirt Day. That message of valuing children and valuing their identities."

'ONGOING LEGACY'

Amidst all these activities, there can still be a difficult side to opening up conversations on Indian residential schools and the trauma suffered.

"You are surrounded by people on campus who are still affected by residential schools. It's not something that happened in the past, it's an ongoing legacy. So we need to be mindful of that. We're trying to raise awareness about this but we're also trying to say 'also be supportive' because there are people out there who will be affected by this day, who will be triggered by it," said Woolman.

"We need to have that mental health support, we need to have that type of support network in place for them."

UBC had resources ready for Indigenous students and faculty who may have felt affected by the day. The RSHDC has the Elders Lounge, a space dedicated for Indigenous elders and those who feel distressed.

"Whether they're Elders or public who are visiting, if they are feeling overwhelmed and they need a place to go visit there is a place in our buildings that offers that. We also try and offer tips on self-care strategies," said Woolman.

"On Monday, on that specific day, we will have health and mental support and cultural support for people to stop by that will be through the Indian residential school survivor society."

For Renee Avitan, an Indigenous counsellor with UBC Counselling services and the First Nations House of Learning (FNHL), the day provides an opportunity to discuss and deal with the difficult topic.

"[Orange Shirt Day] is a way to bring together people, families, survivors, children of survivors to witness their stories, to talk about and share in the pain but also, again, all the creative ways and capacity that we've built to survive trauma," said Avitan.

"I think it's kind of a bridge between generations that makes us a lot stronger."

The RSHDC was not be the only place offering support for Indigenous students on Monday. The FNHL had Indigenous counselling available. It has the counselling services all year round but offers drop-in sessions as well.

"I have my office open at the Longhouse and drop-in hours from 1 to 4 p.m. for Indigenous students. It just allows a kind of flow for people to be able to come in as they need to, to talk about what's happening for them," said Avitan.

"For me, it's about providing a safe place to talk about those things, to maybe teach and to offer some skills around trying to have a hopeful outlook on what's happening," she said.

"I think it's just about being as open as possible to allow people to own their experience and also to potentially find direction about what the next steps are around healing."

CREATIVE //

The stories behind UBC students' pleas for climate action

Bailey Martens
Contributor + Photographer

On Friday, September 27, UBC students walked out of class and gathered in front of The Nest in solidarity with the Global Climate Strike. The strike is in part inspired the work of Greta Thunberg, who after hearing about the climate crisis in school at eight years old became increasingly concerned about the state of the planet. She began striking by skipping school on Fridays to sit in front of the Swedish legislature.

What started as one Scandinavian girl in front of a government building has grown into a global movement. According to Fridays For Future, there were 278 Canadian strikes this Friday including Vancouver's Climate Strike, where an estimated 100,000 people took to the streets.

The Ubyssey caught up with some of UBC's 3,000 climate strike attendees.

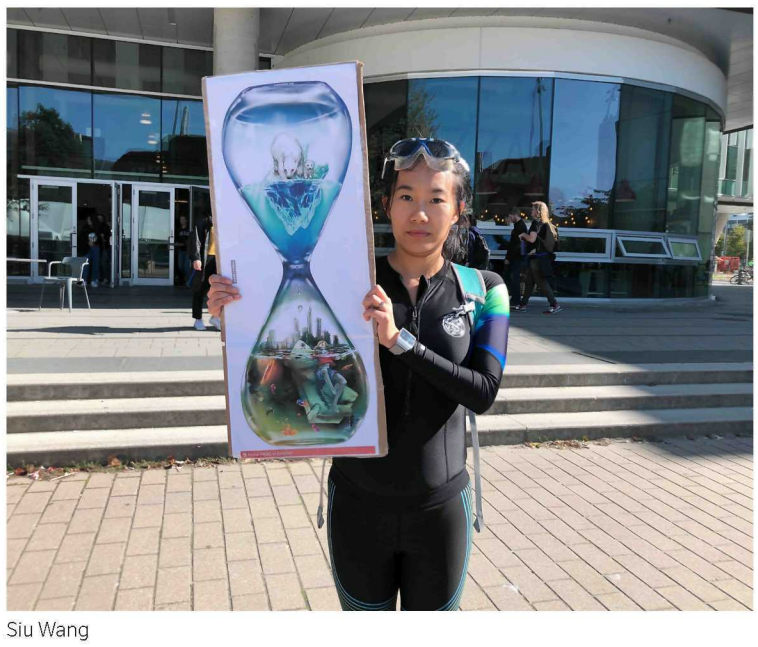
Lindsay Bell-Etkin

Matthew Seed and Sagorika Haque

Anika Lavance-Maldonado and Julia Piresleango

Lisa Basil and Gian Hermosura

Naiah Albacia



Siu Wang

A SIX-YEAR EFFORT

Lindsay Bell-Etkin has spent the last six years with Evans Lake Forest Education Society educating kids about environmental sustainability.

"I think it's really important to be here," said Bell-Etkin.

Toting a GPA pun sign, Bell-Etkin found the most value in her physical presence over any catchy tagline.

"I think it's more about the message and showing up and being there than exactly what it says," said Bell-Etkin.

'THIS IS THE FIGHT OF OUR LIVES'

Sagorika Haque's home is quite literally sinking.

It is the Bangladesh native's fear of rising sea levels and the overall future of her country that led her to paint signs and show up to the strike.

"It's not just some distant headline, you know, buried under all the other distant headlines. This is happening, and this is real and people will die and people are dying," said Haque.

Matthew Seed also wants others to know that young people are paying attention to the changes.

"As much as I think that recycling is important for the climate, I think it's a lot more important to show that as people, as a student body and as citizens of this planet that we do care and we are noticing the changes," said Seed.

"We have so much privilege to be here and it's only responsible for us to make use of that privilege," said Haque.

THE AMAZON IS ON FIRE

Anika Lavance-Maldonado is from the Amazon and it is on fire.

"I thought it was really important to come out and show that something really needs to change, and it needs to change right now," said Lavance-Maldonado.

The environment is why Julia Piresleango uprooted her life in New Brunswick and headed out west.

"It was really important for me to come out and support that because it's one of the main reasons I came here in the first place," said Piresleango.

Lavance-Maldonado was particularly moved by a group of school children, far too young to be UBC students, who attended the rally.

"We're going to be the ones around to deal with the consequences of everything that's happening right now in the earth," she added.

'OUR GENERATION FOCUSES ON MEMES'

Gian Hermosura and Lisa Basil are tired of hearing people talk about the climate crisis without tangible efforts being made.

"We just wanted to support the community. We wanted to actually come out and not just talk the talk, but walk the walk and make some change happen," said Hermosura.

"I really feel like not enough is being done for the climate. And a lot has been talked about, but not enough action has been taken in terms of policy, so I really wanted to go out and mobilize," said Basil.

The pair decided on *The Office*-themed signs so that people would look.

"This generation focuses on memes and that's how we communicate with each other, so I think these times are kind of effective," said Basil.

"And we do need to save the earth as soon as possible," added Hermosura.

GLOBAL IMPACT

For Naiah Albacia, she is hoping her double-sided Filipino/Canadian flag sign will draw attention to how Canadian efforts impact foreign nations.

According to *NPR*, the Philippines is the most dangerous country to be an environmentalist in, and yet they experience some of the worst climate crisis consequences.

Albacia, who attended the rally on behalf of the organization Gabriela BC, wants Canadians to see how their actions are hurting other nations.

"I feel like it's really striking to see the Philippines flag from afar, especially that we see [in] a lot of pictures," said Albacia.

THE TIDES ARE CHANGING

Siu Wang came dressed in scuba gear.

With rising sea levels, Wang wanted to make a statement that this is an urgent crisis for not only humans but all of nature as well.

This is not Wang's first UBC climate strike. She attended last year's event and was impressed by the increased turnout this year.

"I'm feeling very hopeful that more people are paying attention than last year. Hopefully with all these synergistic efforts we can we can make great changes," said Wang.

RARE BOOKS //

UNESCO list adds the Chung Collection to its Canada Memory of the World Register

Some pieces in the Chung Collection.

ELIZABETH WANG

Oliver Zhang
Contributor

This past month, the Canadian Commission for United Nations Educational, Scientific and Cultural Organization (UNESCO) announced that the Dr. Wallace B. Chung and Madeline H. Chung Collection (Chung Collection) will be added to the Canada Memory of the World Register.

Formed in 2017, the Canada Memory of the World Register "lists exceptional works and documents that reflect the wealth and diversity of Canada's documentary heritage." The Chung Collection now joins a list of only 15 other documents such as The Hudson's Bay Company Archival Records and The Vancouver Island Treaties.

The collection of pieces — which had been assembled by Dr. Chung over the course of his life — was donated by the Chung Family as a gift to the university in 1999.

"His father came to Victoria as an immigrant and he tells a story that when he was sitting in his father's tailor shop as a child he would see the Empress of Asia, this big ship in a picture, and he became fascinated by it," said Susan E. Parker, head of UBC Libraries. "So, he started collecting information about it even as a young man and then he started collecting more and more and objects even ..."

So far there are more than 25,000 items — books, maps, documents, posters, paintings, photographs and other artifacts — with more pieces continuously being added by Dr. Chung.

WHAT IS DOCUMENTARY HERITAGE?

Documentary heritage can come in a number of forms: text items, audiovisual items, non-text items and virtual items. To be included in the register, these documents "'trace important pieces of Canadian's collective history and reflects the diversity of its people's heritage."

"[Dr. Chung] has documents from explorers in the early times before Canada was Canada. He has documents from Chinese immigrants who set up businesses here, he's got some of the original documents and laws and legislation and hand-written observations of people who were sent out from the Canadian government to survey even before this was a territory. So, it really shows you, documentary heritage is literally the way that you prove something happened — rather than it's just a story, it's a story with the documents left behind by people who participated."

The nomination process took about two years. "First, you have to write a brief essay about why it fits in the short list. And, then, if they think it has merit then they invite you to write a very long description of it and a really big justification — it was a great deal of effort on the part of librarians here and archivists to do that."

On hearing the news, Parker and the rest of the librarians were overjoyed.

"... [The Chung Family] were going to get together and have a big dinner this past weekend, which is terrific, because when you collect things and you want to see them live on and you've actually made that happen — it's one of the biggest collection of its kind in North America and just so deserving of this recognition."

Parker hopes the collection will be viewed upon for its historic significance for Canadian and Chinese-Canadian history. "... It's an enormous treasure that if not for the curiosity and persistence of Dr. Chung, simply wouldn't exist. It has relevance to every one of us and so it makes me feel tremendously proud — especially as somebody who's responsible in my job for making sure that knowledge is preserved."

The Rare Books and Special Collections, located at Irving K. Barber Learning Centre, is open to visitors during 10 a.m.- 4 p.m. from Mondays to Fridays. Drop-in tours of the Chung Collection take place every Thursday at 10 a.m.

STRIKING TOGETHER //

UBC departments show solidarity with students joining climate strike

Zohrah Khalili
Contributor

EMMA LIVINGSTONE

On September 27, UBC student groups organized a climate strike to voice demands and concerns over the ongoing climate crisis. The movement was part of a larger international initiative calling for societal and political climate action.

The UBC strike was facilitated by a number of student organizations, including the Social Justice Centre, Climate Hub and UBCC350. After an hour-long demonstration in front of the Nest, a convoy on bikes and buses headed down to join the strike at Vancouver City Hall, forming an estimated crowd of 100,000 attendees.

While the university did not officially cancel classes, some departments and programs issued statements on the strike or allowed individual professors to cancel their classes. This action likely empowered many students to participate in the UBC event and the Vancouver Climate Strike without fear of penalty or repercussion from missing class.

Dr. Eagle Glassheim, head of the department of history, said faculty were keen to support students.

"We feel gratified to see how seriously students at our university and around the world have taken this issue, and want to support that movement."

Many department heads and faculty members had a strong sense of solidarity with the student body and did their best to express their support via official statements, canceling classes and even creating spaces for students to make signs and coordinate.

When asked why he chose to participate, Glassheim highlighted his career and reseach interests as a driving force.

"My personal interest has been driven not just by my scholarship, but also by [my] concern with public affairs and the impacts of fossil fuel emissions on the climate," he explained.

"It's both my research interests and my teaching but ... also, my engagement with our current affairs and with the significant threat that climate change poses to our Earth."

Additionally, a small group of faculty at UBC has invested in the climate strike beyond solidarity with students by donating a day's salary to environmental initiatives.

Political science Professor Dr. Kathryn Harrison donated her pay to the organization that works with parents and grandparents trying to respond to the climate crisis. She also cited her work as a driving force behind her support of the strike.

"[W]e are professors. And most of us are parents, as well ... There's a fair number of faculty in this department who have done at least some research on climate change policy, whether it's from international relations, comparative politics, Canadian politics, public opinion. [Climate change] is a huge problem. And it's increasingly urgent."

In both the history and political science departments, the motions to support students were passed unanimously. If Glassheim and Harrison's sentiments are shared by other involved professors, this is unsurprising.

Glassheim finds the international movement to strike as "an incredible mobilization by our students, by students in primary and secondary schools as well as at universities around the world."

For Harrison, seeing how the strike has flourished has been incredible.

"One of the most hopeful things I have seen is the emergence of this youth movement. And I think there have been, there has been little Greta [Thunbergs] in many countries for quite a while ... [and] suddenly, there's this recognition that this is serious. There's a generation of children who have learned and young adults who have learned about climate change in school. And so the fact that this has taken off worldwide, that the scale of the protests is so big, has given me hope."

— With files from Thomas O'Donnell

IDENTITY //

Why students don't have non-binary gendered options in UBC's information systems

Brittany Runeckles
Contributor

UBC is facing criticism from 2SLGBTQIA+ students for its information systems not accurately depicting their identity.

The Student Information System (SIS), the collection of systems that manages student academic, financial, scheduling and course information, requires that all students select either "male" or "female" to describe their gender.

But in a written statement to *The Ubyssey*, Deputy Registrar of Enrolment Services Andrew Arida said non-binary students can still make a note about this.

"[I]f the student wants to reflect their non-binary identity in the system, this can be recorded in the 'Notes' section of the system," he said. "Preferred non-binary pronouns (e.g. they/them) can also be recorded in this system."

According to Arida, the reason non-binary gender options cannot be reflected in the system is due to the fact that SIS is over 20 years old.

It is "currently exempt from guidelines [that support the collection of non-binary markers] due to technical limitations, as the system reflects historic structures and business requirements," he said.

Phoenix Synkova, a fourth-year computer science student and a member of Queer Coded — a group for queer and transgender people in the computer science (CS) department — said they understand the technical difficulties.

"On the one hand, being a CS student, I feel and I see the pain of changing the whole system from one thing to another, especially when you add one more option. There are tons of things you need to start to consider," they said

But Synkova emphasized that the lack of a non-binary gender marker can still impact the inclusivity of the communications students receive.

"Sometimes they use that data to send you certain emails catering to the gender that they have and I don't really want to get those emails," they explained. "I don't want to take away from [women-focused] events, but they keep sending [emails] regarding 'woman in tech.' [The fact that] trans women will not get those emails irks me the most. What's the point of being inclusive if you are not including people who are not cis?"

"What's the point of being inclusive if you are not including people who are not cis?" ZUBAIR HIRJI

UBC management software is in the process of transitioning to a new software called Workday which will upgrade UBC's student, human resources and finance administrative systems. This project, commonly referred to as the Integrated Renewal Program, will start in April 2020 and is estimated to take three years to complete.

Workday will accommodate for non-binary gender markers, but many students will not have their gender represented accurately at UBC for the years it takes to be implemented.

"The Equity and Inclusion Office is taking steps to help support systems change in this area in collaboration with campus partners," said Sara-Jane Finlay, the associate vice-president of UBC Equity & Inclusion. "We work with non-binary students to listen to their experiences, identify what barriers they are encountering and support them through the process of removing these barriers where possible."

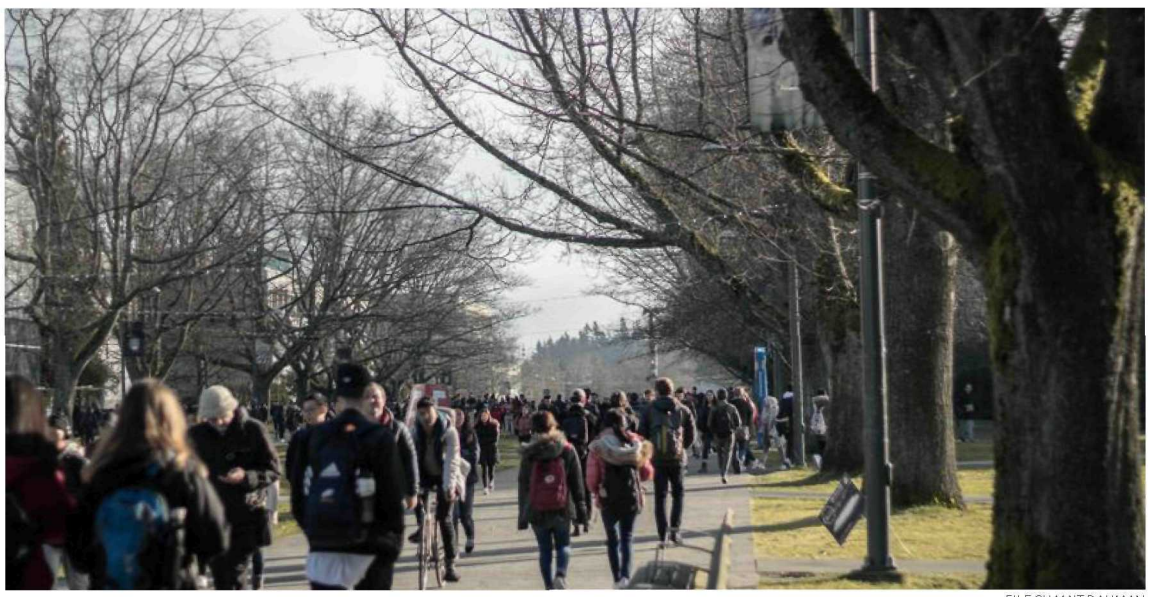
Synkova said they can understand that a complete systems overhaul won't take place overnight, but they're frustrated that the problem has been unaddressed for so long.

"As a non-binary student it's kind of like, [UBC has] all these resources and it's 2019, almost 2020," they said.

"People coming out as non-binary has been [happening for] a long time already and they had quite a lot of time as the leading university to look into that and try to accommodate students more."

AWARENESS //

BC provincial government launches sexual violence prevention campaign to complement university efforts



FILE SHAMIT RAHMAN

These messages will meet young people where they are, on social media platforms, in popular bars and pubs and around campuses.

Bailey Martens
Contributor

Sexual violence is no stranger on university campuses, especially within the first eight weeks of the school year. To mitigate this, the provincial government recently launched a sexualized violence prevention campaign on all post-secondary campuses.

"Our government is responding to a call to action from students to ensure that our campuses in British Columbia are safer for everyone, regardless of gender expression, identity or sexual orientation," said Melanie Mark, minister of advanced education, skills and training.

The campaign tells students in no uncertain terms that sex without consent is rape and never acceptable. These messages will meet young people where they are, on social media platforms, in popular bars and pubs and around campuses.

This campaign comes on the tail of the 2017 requirement that all public post-secondary institutions have a standalone sexual violence policy. UBC's standalone sexualized violence policy (Policy 131) will come up for review in December.

Cristina Ilnitchi, AMS VP external affairs, told *The Ubyssey* that she attended Moving Forward Together, a forum by the provincial government bringing together support services from post-secondary campuses.

"The advocacy that students and student organizations and community services have been doing to support survivors have been absolutely critical in starting this work, and actually having it be recognized by the province as something that needs to be addressed," said Ilnitchi.

Among others resources, the Sexual Assault Support Centre (SASC) and Sexual Violence Prevention and Response Office (SVPRO) support staff and students on UBC's campus.

Carol Naylor, SVPRO acting director, and Ariana Barer, the Vancouver office's prevention educator, see the campaign as complementary to their own We Believe You Campaign that is in collaboration with the AMS and SASC.

The campaign is only slightly tweaked from their first campaign last year. They are now focusing on dispelling victim-blaming myths, such as going to a party or that the perpetrators are someone the survivor knows.

Julia Burnham, AMS VP academic & university affairs, told *The Ubyssey* that the AMS was able to collaborate with SASC and SVPRO on the We Believe You Campaign. SASC declined to comment for this story.

The We Believe You Campaign is featured on posters, keychains and posted in international student lounges and first year housing. According to Burnham, first-year and international students are the students they are especially hoping to target.

"[It] is quite similar to what the provincial campaign materials in nature are trying to talk about but that wasn't ever anything that was sort of brought up in those meetings as we were planning them over the summer," said Burnham.

The provincial campaign was announced a week before its August 29 launch, well after SVPRO and the AMS were planning their own initiatives.

SVPRO has trained orientation leaders and is working on training for academic advisors who may be an unexpected first point of contact for survivors. SVPRO is also starting a student initiative fund for students to create their own events and awareness. The pilot program is expected to launch later this month.

Sexual violence campaigns are especially important during the first eight weeks of school, often referred to as the red zone, as upwards of 50 per cent of assaults occur during this time.

Policy 131 was intended to make things better for survivors, but reports of sexual violence have actually increased since it was instituted. Barer thinks that this is less likely due to an increased number of attacks and more so because of a heightened awareness of what services are available to students.

"I think what we actually see is a big increase in people coming forward and seeking support resources and reporting at that time of year, because there are often such big pushes to let people know that those resources are available," said Barer. "People come forward and let us know about recent assaults, but also historical assaults."

When asked if she thinks these campaigns are enough, Ilnitchi told *The Ubyssey*, "There's a lot of work that needs to be done in sexualized violence, you know, especially in the context of post-secondary campuses, [which] has not been addressed really until now.

"And a lot of the work that's happening now, to be honest, is catch up."

IT'S GETTING HOT IN HERE //

Thousands gather for UBC Climate Strike

ZUBAIR HIRJI

UBC students, faculty and staff joined climate strikers across the country on Friday as they gathered outside the Alumni Centre to protest against climate injustice.

Jasmine Foong
Contributor

UBC students, faculty and staff joined climate strikers across the country on September 27 as they gathered outside the Alumni Centre to protest against climate injustice.

At 11 a.m., student climate action groups including UBCC350, the UBC Social Justice Centre, Our Time, the Climate Hub and others led a strike that featured speakers, slam poets and musical acts.

Chants of "We won't rest until UBC divests" and "Green New Deal and migrant rights. Youth will rise, climate strike" rang throughout the plaza as people of all ages and backgrounds demonstrated with posters and costumes.

Recent UBC alumna Adriana Laurent Seibt spoke to the crowd about her first-hand experience witnessing the effects of the climate crisis in her home country of Honduras.

"I remember when I was growing up I had the beautiful coral reefs right in my backyard. I remember having family trips to the Caribbean islands and the coral reefs were such an important part of my childhood," she said.

"Over the years, climate change has seriously damaged this fragile ecosystem and the livelihoods of the people who depend on it."

Dr. Sarah Hunt, a member of the Kwagu'ł First Nation and an associate geography professor in the Institute for Critical Indigenous Studies, also delivered a speech.

"Climate change is not happening because of the sudden creation of new ideologies but because of a continuation, an intensification of colonial ideologies which have been ravaging our people and our lands and waters for hundreds of years," she said.

Hunt added that she hopes to see substantial, long-term climate action even after the strike today.

"It's inspiring to see students around the world standing up and organizing for today's climate strike, but I want to know what we plan to do tomorrow and the day after that and the day after that," said Hunt. "My hope is that we will not just stand or talk or tweet, but act in solidarity with Indigenous people around the world."

THE TIME FOR ACTION

Long-term climate justice was a major theme at the strike as speakers and strikers alike addressed the disproportionate effects of climate change on marginalized groups.

UBCC350 and the Social Justice Centre worked to highlight the importance of intersectionality in the climate movement leading up to the strike. The groups painted the Cairn on the evening of September 25 with a message that read "climate racial migrant gender labour Indigenous justice," but it was swiftly taken down by UBC Building Operations.

"We need to embed justice, empathy, community and solidarity into the climate action movement," said Laurent Seibt in her speech.

"The motto for the strike is: to change everything, we need everyone. And, we mean every single word ... We need more friends, more siblings, more parents, more classmates, more teachers and more professors."

Dr. Sheldon Green, a mechanical engineering professor, alongside several colleagues from the engineering department, dressed in academic robes to represent faculty support for the climate strike, a tradition that Green said began at protests against apartheid in the '80s and '90s.

"I thought the analogy was kind of appropriate," he said. "There's always climate injustice going on and I think faculty members have a moral obligation to support people who are opposed to climate injustice."

He added that Canada's leaders need to step up on the issue of the climate crisis.

"I'm old enough to have seen a lot of nonsense in my day and what I see currently is many leaders who just aren't willing to make the effort to do something constructive and real about what has been a true climate emergency," said Green.

Cate May Burton, a doctorate student in education, said she does her part in raising awareness about climate justice by talking to people about it both online and offline.

"I've been concerned about climate change since I was the age of some of the younger kids that are coming up now and I think it's really important that we support them and empower them to raise their voices," she said.

First-year student Natalie El-Bittar was heartened by the turnout of international students like herself.

"For most of [my friends with me today], we come from Arab countries. So for us, climate change isn't really advocated for there. So, it's one of the first times we have the opportunity to actually speak out about this and ... we wanted to speak up and finally use our voices for this cause," said El-Bittar.

"Looking at how many people actually showed up internationally really shows how big the problem is, and it's not just a local thing. It really shows the magnitude of the issue and how fast we have to act."

DRAWING IN CROWDS

Though it was planned to take place in the plaza outside the Nest, organizers had to find a new space because tents were still standing from the Harvest Festival event that took place the night before. Instead, the organizing groups set up on University Boulevard, using the seating platform in front of the Musqueam Welcome Post as a stage.

UBCC350 said they were in touch with UBC about the booking conflict and held "no ill feelings." The university delayed taking down the tents so that moving trucks wouldn't interfere with the strikes.

Despite the location change, UBCC350 estimates between 4,000 and 5,000 students showed up. AMS President Chris Hakim said the large turnout speaks to the demand for prioritizing climate change in both federal and UBC politics.

"The AMS is very excited to see the amazing amount of students, faculty and staff coming out here and really showing that the university, as well as our politicians, need to be emphasizing climate change in our upcoming work around our federal election and our decisions with the Board [of Governors]," he said.

Our Time, one of the organizing groups, noted that the purpose of the rally was to signal to governments the responsibility they have in prioritizing climate justice.

"We ultimately seek that our government — whether that be provincial, municipal or even federal — actually work towards drastic structural changes, which is what the Green New Deal is," said Rajdeep Dhaliwal, a media liaison for the Vancouver chapter of Our Time. "We want them to act now, not anytime in the future — now. Because we're running out of time."

Dhaliwal emphasized that the climate crisis is first and foremost a social justice issue because it's the underprivileged who stand to lose the most from environmental destruction.

"I think it's important for everybody to recognize that [it's a social justice issue] because ... you know, I grew up here [in Metro Vancouver] and I don't feel the effects of climate change. My backyard isn't actually burning. My water isn't polluted. My air is still breathable," she said.

"So, because of that, I have an immense amount of privilege as opposed to people who are actually living on the front lines — they tend to be seen as sacrificial people."

At around 12:30 p.m. crowds dispersed to join the city-wide Climate Strike at the Vancouver City Hall, which brought traffic to a standstill and drew an estimated 100,000 protesters.

—with files from Henry Anderson.

ONE AT A TIME //

FILE ZUBAIR HIRJI

PWIAS divests endowment from fossil fuels

Emma Livingstone
News Editor

As the movement for UBC to divest its endowment from fossil fuels grows, the Peter Wall Institute for Advanced Studies (PWIAS) has taken a step in that direction.

On September 23, PWIAS announced its decision to divest by ensuring 60 per cent of the endowment that is normally allocated to direct investment in publicly funded shares is 100 per cent fossil fuel free. This accounts for $24 million out of its $40 million endowment.

UBC Treasurer Yale Loh explained that the other 40 per cent is in the form of "money market and short-term fixed-income securities."

According to Dr. Kalina Christoff, the interim director of PWIAS and a UBC psychology professor, the decision factored in PWIAS's desires to act on environmental responsibilities while also maintaining financial fiduciary duty.

"There were two main components of the decision: one is what is the best financial decision? And second, equally important: what is our responsibility towards the current [climate] challenges that humanity is facing?" she said.

Research by Wall Scholars also influenced the decision. Christoff cited research on the environmental impacts of academic conferences as one of the main projects that helped guide the decision.

"The issue of climate change is a recurrent issue that comes up," she said. "Every year, there's a new cohort of Wall Scholars that are coming from different disciplines to address the big questions of today and the issues of climate change."

Overall, Christoff hopes PWIAS's decision to divest will serve as an example and help stimulate conversation around financial roadblocks institutions face with divestment and how they can overcome them.

The UBC Board of Governors set up a sustainable investment fund made up of "green" investments but it has not divested the rest of UBC's endowment largely because of the financial risk.

According to Loh, PWIAS is not expecting its financial security to decrease from the decision.

"The trustees were comfortable that the increased risk ... and higher annual cost to maintain the fossil fuel free portfolio was acceptable given similar expected returns to the portfolio that included fossil fuel exposure," wrote Loh in a statement to *The Ubyssey*.

"My hope is ... this will serve as a public example and as a step forward," Christoff said. "In principle, [divestment] can be done, and it can be done without sacrifice to the financial interests of the university."

PHOTOS BY: ELIZABETH WANG, ZUBAIR HIRJI, SALOMON MICKO BENRIMOH, MOE YANG, DIEGO LOZANO AND CHRISTOPHER MA

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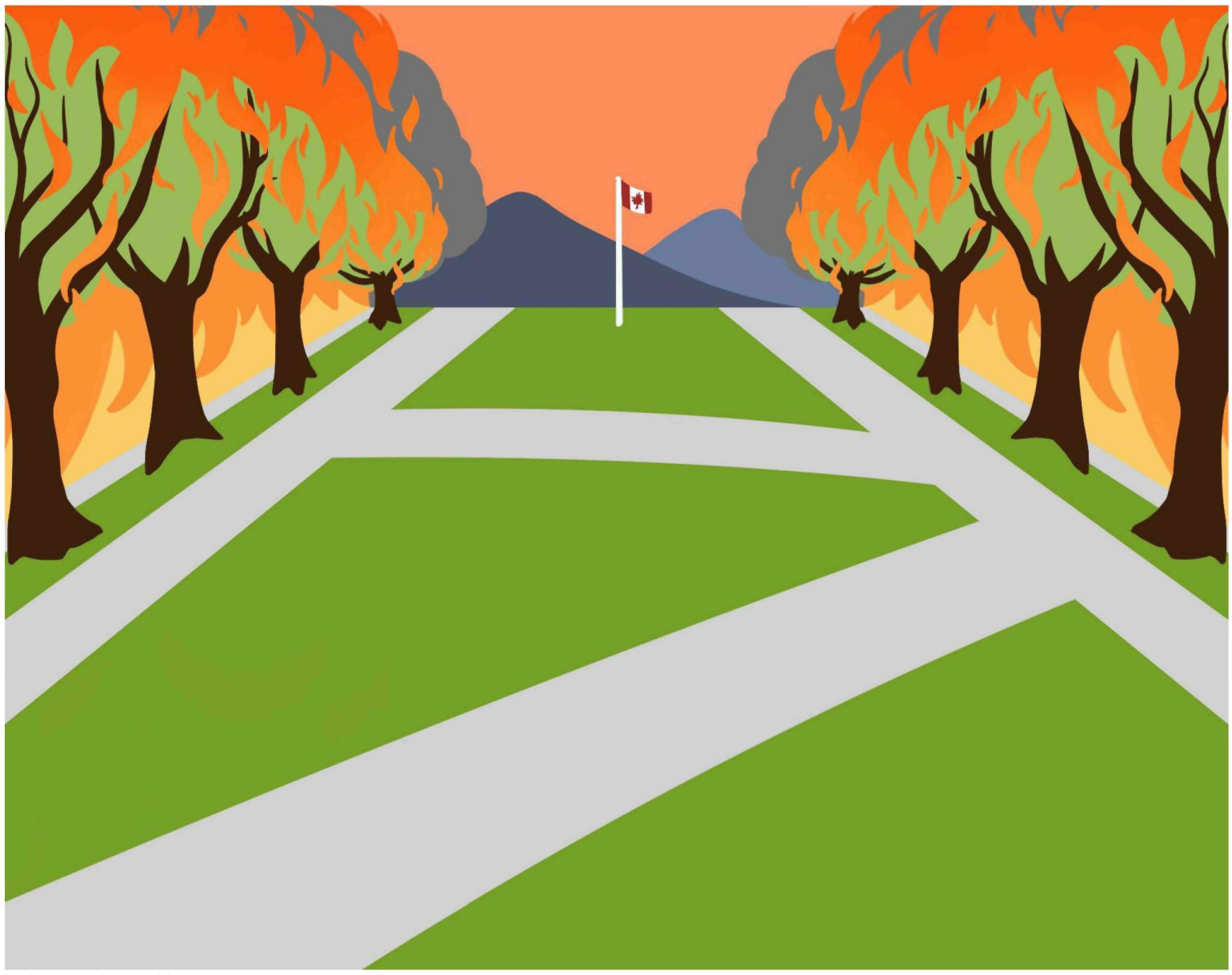
ENVIRONMENT //

Editorial: How *The Ubyssey* is reporting on the climate crisis

The Ubyssey Editorial Board



In short, the climate crisis is here.

DAPHINIE SITU

Pawan Minhas remembers feeling "alienated" the first time he stepped back into his childhood home in December 2016.

Seven months earlier, Minhas — a fourth-year political science student and *The Ubyssey*'s features editor — and his family had all piled into a small SUV and fled the infamous Fort McMurray wildfire. While most likely human-caused, the fire also got its fuel from conditions linked to the climate crisis. Over days, it would grow to force over 80,000 people across northern Alberta to evacuate and prompt the provincial government to declare a state of emergency.

Thankfully, Minhas's home was not as badly damaged as he had thought, despite it being situated in one of the hardest-hit communities.

Walking into the house, he stumbled first into a concrete wall of smell from the food left behind during the evacuation, now rotting in the fridge and freezer. In his room, his old bed and computer were where he had left them, but now they couldn't be used because of health risks. His high school graduation suit was still hung neatly in the closet, untouched and unworn.

He recalled the complex wave of emotions, some joy and relief, others more confusing.

"It was so unfamiliar and I've lived there for 12 years and I didn't think alienated would be one of [my emotions]," he said.

His family members were similarly confused.

"On a mental level, my mom understood," he said. "But like in the raw, primal emotion, she was like, 'I am back in my house for the first time in seven months — just let me lie in my bed, let me pick up my clothes, let me look at my wedding dress,' and she couldn't."

Three years later, much of the confusion still stuck with Minhas as he recalled the story in the *Ubyssey* corner office, a space he described as being the same size as the first evacuee room his entire family of seven stayed in after leaving Fort McMurray.

But what is clear as we continued our conversation is that extreme weather events — and the resulting tangible and emotional impacts to humans, including UBC community members — are becoming more common and more amplified by the climate crisis.

In turn, *The Ubyssey* is ramping up our effort to give the climate crisis the urgent and accurate coverage it deserves.

HERE AND NOW

It's hard to miss the effects of the climate crisis.

In summer 2017, BC declared its longest state of emergency of 70 days over wildfires, which forced around 65,000 people to be evacuated and cost over $649 million to stop. Besides the fires themselves, the smoke clouds also created terrible air quality that created multiple health concerns.

"This is an exceptional year, but we're going to have more and more years that are exceptional compared to the past," Dr. Sally Aitken, a professor and the associate dean of research and innovation in UBC's faculty of forestry, told *The Ubyssey* in 2017.

"... We expect these types of fires to be increasing as a result of climate change. That would be a fair statement, not attributing this one event — although I think that is in fact what's driving it, our exceptionally warm Junes."

In summer 2018, the province once again faced a high number of wildfires and health concerns from wildfire smoke. As a result, despite a shorter state of emergency, this wildfire season still led BC Premier John Horgan to warn that these conditions could be "the new normal."

And while summer 2019 didn't see a raging wildfire season, this is likely going to be an anomaly instead of the norm and there are already predictions of "bigger, hotter and more dangerous" wildfires.

But extreme weather events like wildfires aren't the only things whose impacts will be amplified by the climate crisis.

There will also be risks to Canada's physical infrastructure across the country and particularly in coastal and Northern communities, threats to biodiversity and fish stock as well as major physical and mental health impacts for humans. The country as a whole is also "warming up twice as fast as the rest of the world."

Globally, Europe saw an intense heatwave this summer that broke several temperature records across different countries. In areas with more severe disruptions, extreme weather events linked to the climate crisis have driven people from their homes, fuelling internal displacement. Most critically, many small island nations may face the loss of their homes entirely to rising sea level.

In short, the climate crisis is here.

OUR ROLE IN THE COLLECTIVE ACTION

But there is still hope.

The 2018 UN Intergovernmental Panel on Climate Change report called for urgent climate actions within the next 12 years to stop global warming from going beyond 1.5 degrees Celsius above pre-industrial level. Created by 91 authors and editors, the report notes that this goal — rather than letting the warming hits 2 degrees Celsius — would still allow for a "sustainable and equitable society."

What does this mean for *The Ubyssey* as a newspaper whose job is not to only tell the truth but also to hold power to account?

Firstly, we have already moved from using "climate change" to "climate crisis" or "climate emergency" to reflect the urgency of the issue.

We will also continue to not tolerate false balance or give space to climate deniers in our coverage, given the staggering consensus within the scientific community about the existence of the climate crisis.

At the same time, we have been consistently covering major developments and events related to the climate crisis, such as the climate strike, the AMS's decision to divest its investment portfolio and UBC's decision not to divest.

But moving forward, *The Ubyssey* strives to have an even more robust coverage of the issue.

We will bring more intersectionality into our coverage, as impoverished communities and Indigenous peoples will face the climate crisis's hardest hits. We will continue to localize our climate reporting by delving deeper into campus developments and extreme weather events affecting our community. We will branch out to other student newspapers in Canada — some of whom are already contributing to the effort — to collaborate and collectively hold power accountable.

Perhaps most tangibly in the near future, we will feature the climate crisis as a critical topic within our federal election coverage, providing explainers, fact-checking and showcasing the community engagement with the issue.

Before we end, we would like to acknowledge that some students could only afford their UBC education because of their or their family's direct or indirect work in extractive industries. As we talk about the climate crisis, it should be less about exclusionary approaches and more about transformative and collaborative solutions.

Ultimately, the climate crisis is a collective issue and *The Ubyssey* is proud to be part of the collective response to it.

PROTEST //

Their Campus: A song of rebellion in Barcelona

Ricardo Zatz
Contributor

Luckily, things never got out of hand.

RICARDO ZATZ

I've always had a thing for politics. When I told my mother I managed to get a spot at Universitat Pompeu Fabra in Barcelona for a term abroad, it came as no surprise that the first thing she said back to me — congratulations aside — was "My son, do not get yourself mixed up in local politics."

For the first month of my Barcelona experience, I heeded my mother's command and steered clear of "political trouble," but quietly attended talks, debates and conversations about the political situation to educate myself and better understand the reality in which I had been inserted. Since 2017, the region of Catalonia had been through a 'rebellion,' a change of government, a short-lived proclamation of independence and a frustrated independence referendum that ended with the arrests of 12 leaders and the exile of former President Carles Puigdemont.

Despite it having been almost two years since the 2017 riots, the air in Barcelona felt no less convoluted. Every building in every street hung at least one independence flag, turning the streets in the Eixample and Gothic quarters into a flurry of red, yellow and blue. Together with the flags, slogans reading "freedom to political prisoners" could be spotted on virtually every surface. Even some Republican flags from the time of the Spanish Civil War had been brought out and hung from some balconies again. To me, an outsider just arriving in a brand new city, the social climate in January 2019 seemed to me as if I had stepped off of a plane and into the mouth of a loaded cannon, about to blow. By the time February came around, I couldn't pretend nothing was happening anymore.

It all started with a few rumours, and soon enough flyers started being seen on the walls calling for a student assembly to vote on a general strike. The trial of the 12 Catalan leaders arrested in 2017 under charges of sedition and rebellion for organizing the independence referendum was scheduled to begin on February 12. Since the Independentistes — "Independentists," in a free translation — saw the trial as a farce. The leadership all over universities of Catalonia and Catalan workers' unions started mobilizing for a general strike in solidarity with the defendants on the day of the trials.

The threat of a general strike was serious, coming to the point where Madrid postponed the trials for two weeks at the very last minute to try and break cohesion. Still, the strikers persevered and on February 21, I woke up to crowds taking the streets. Classes were cancelled. The university shut down. From outside my window in the Gothic quarter all I could see was an endless wave of people wrapped around independence flags, loud speakers reverberating messages in Catalan that could be felt through the walls of buildings and an overwhelming majority of young students leading and participating in the marches.

My friends and I agreed to meet at the halfway mark of the demonstration, at Plaça Univesitat. We marched with the locals, partly amazed at the mobilization we were seeing, partly nervous over what the government forces might do in response. It wouldn't be the first time independence marches ended badly in Barcelona, and I had a vinegar bottle and an old t-shirt in my backpack, something I picked up after years of demonstrations in my home country to neutralize tear gas, just in case.

Luckily, things never got out of hand. Apart from the loud shouting and some banging of drums, the march was one of the most peaceful I've ever taken part in. The Guardia Civil never intervened and the mass of people moved along the whole trajectory of the march chanting and making their voices heard. Angry, yet peaceful.

As time passed, eventually the march clustered around Plaça Catalunya by the end of the afternoon. There, I witnessed one of the most beautiful events of my entire exchange: as people gathered in and around the square, I spotted out of the corner of my eye this kid and his friend climb up on top of a bus stop. He didn't look any more than 18, nor did his friend. I looked on attentively as he, balancing himself on top of a surface definitely not intended to hold his own and his friend's weight, pulled out of his bag and quickly assembled a golden trumpet. After a few seconds of tuning in, his friend pulled out a banner reading "freedom to political prisoners" and this anonymous trumpeter starts beautifully playing the anthem of Catalonia. Initially just the melody, after a few moments more and more voices started singing to it.

Within a minute, an entire half of a sea of people in Plaça Catalunya were singing. One thunderous voice, like the one you hear cheering, echoing within the walls of Camp Nou in a FC Barcelona game day, but this time to the anthem of their country-that-never-was. Sung in Catalan, it was a powerful song and the tone of the march reflected the imposing nature of it in full. Still, I couldn't help but notice a tone of melancholy in the voices, too. Maybe I should have taken more Catalan courses, who knows, maybe I was just imagining things.

But I don't think I'll ever forget the feeling of being in a crowd, shoulder to shoulder with people singing at the top of their lungs to a song of independence, a song emanating from a single rebellious trumpeter atop a bus stop.

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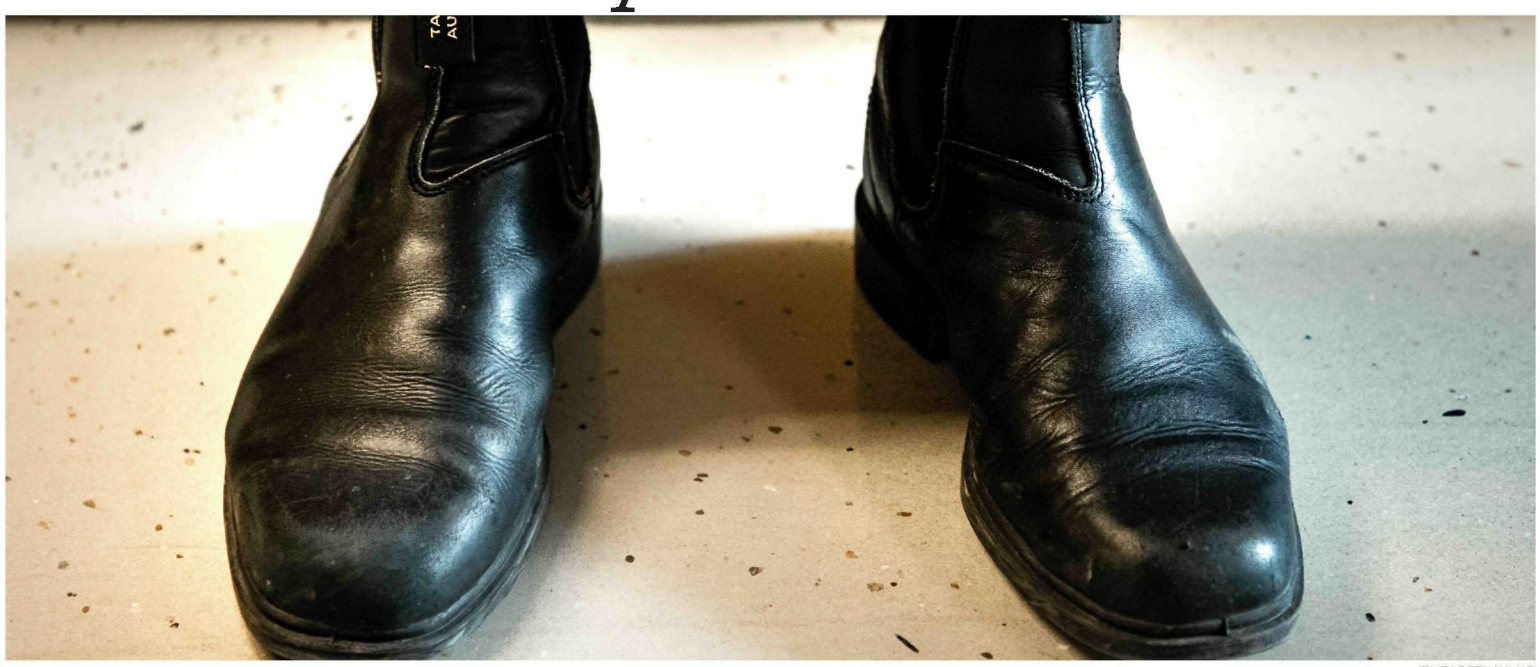
'FIT'TING IN //

How to dress like every other UBC student

Tianne Jensen-DesJardins
Contributor

Some people say that your university years are when you learn who you are by trying out new things. A huge part of this process is learning to express your individuality through your fashion. Here at UBC, we disagree. University life is all about standing out by blending in and here are the seven items you'll need:



Forget Uggs, these are the only Australian boots worth buying.

ELIZABETH WANG

CANADA GOOSE JACKET

As this jacket is built for 40-below temperatures, you'll be sure to protect yourself from the slight drizzle mixed with gentle breeze that accompanies the winter months on the West Coast. When you spend a grand on a jacket, you know it will help you fit in at your school.

THRIFTED VINTAGE MOM JEANS

Longer is better in this case because rolling up the cuffs is where it's at. Show off those funky patterned socks you bought for $15 at Make on Granville Island that say something about the environment or Justin Trudeau.

FILA WOMEN'S DISRUPTOR 2 WEDGE SHOES

Not only will this help you be part of the fashion scene here, but wearing these shoes will really heighten your experience at UBC. (Get it? Heighten... because they add two inches to your height.) These shoes are rarely seen without those high socks you picked up at Make.

BLUNDSTONE 500 - ORIGINAL STOUT BROWN SHOES

If you want to look more like a geography major, unlike those FILA-wearing people, these are the shoes for you. They pair well with a zip-up rain jacket over a UBC hoodie. Forget Uggs, these are the only Australian boots worth buying if you want to blend in on campus.

FJÄLLRÄVEN KÅNKEN BACKPACK

For those of you who want to look like Swedish school children, this backpack is the best option — and the only option. Originally designed to help solve back problems, it is now more commonly worn over just one shoulder, rendering its meticulous structure useless. Who cares about back pain when you look this good?

ANYTHING FROM NIKE

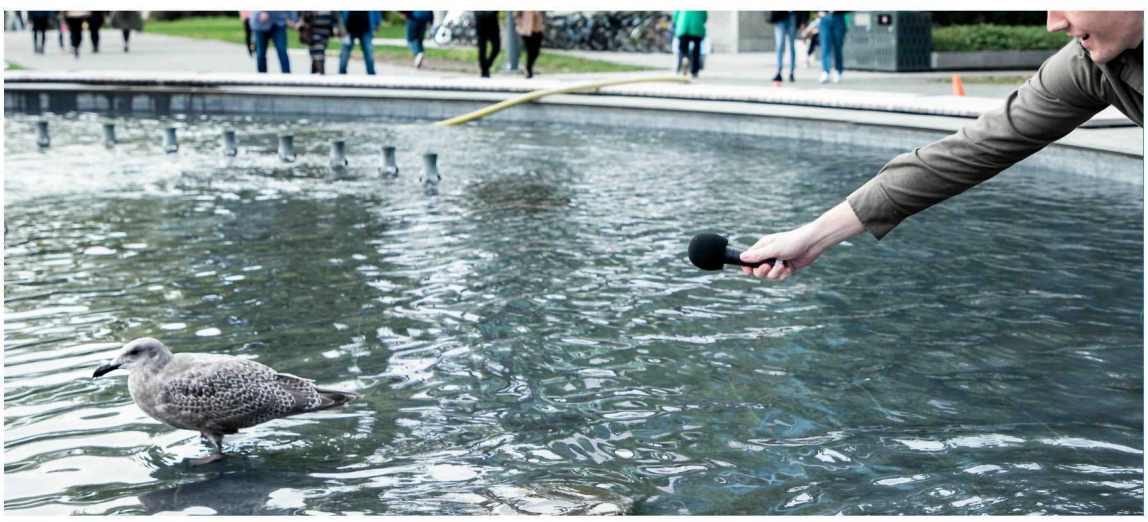
Whether it be shoes, a t-shirt or a full track-suit, becoming a walking Nike advertisement is the end goal. You want people to scan your outfit and be impressed by how many signature check marks they can find.

AIRPODS

What's that? Midterms are right around the corner? Oh no! You can't hear them with these bad boys lodged in your ear canal. Now, you can bop along to the new Lana Del Rey album in class without anyone thinking that you can't afford to listen to music with the latest gadgets. After all, why keep up with the latest fashion trends on campus if you're not going to flex?

ORNITHOLOGY //

An interview with the fountain birb on issues that matter



The newfound face of the university has stayed silent.

ELIZABETH WANG

Edith Coates
Contributor

The seagull who has taken up residency in the Martha Piper Fountain is everywhere. He's taken over the UBC subreddit. The official UBC Facebook page has given him a nod. Despite his fame, the newfound face of the university has stayed silent on the major issues facing students today — until now. Join me, *The Ubyssey*'s official ornithological commentator, as I field an exclusive interview with the fountain birb.

HOW'S THE WATER IN THERE?

The seagull did not immediately respond, but I imagine he's enjoying the fountain water since he's repeatedly dunking his head under the surface.

DO YOU SUPPORT THE PROVINCIAL GOVERNMENT'S DECISION TO RAISE MSP MONTHLY PREMIUMS FOR INTERNATIONAL STUDENTS BACK TO PRE-2018 LEVELS?

No comment at this time.

HOW POSITIVE AN IMPACT DO YOU THINK TRANSLINK'S LONG-TERM PLAN FOR THE BROADWAY TRANSIT CORRIDOR WILL HAVE FOR COMMUTER STUDENTS?

Yet again, no comment on this pressing issue.

He kind of shook his head a bit, which I'll take as a yes, but this answer left me disappointed because it wasn't a yes or no question.

WHAT'S YOUR FAVOURITE KIND OF FRENCH FRY?

I've been told that it's a bad idea to feed seagulls anything, let alone french fries. The birb doesn't take handouts.

HOW SHOULD UBC FIX UBC SECURE'S SLOW INTERNET SPEED?

No response. The seagull is still buffering, I guess.

There you have it. Like any public figure under high scrutiny, it'll remain a mystery how the fountain seagull truly feels about the issues that matter to students. Join me next week for another exclusive interview, this time with the elusive Canuck the Crow from an undisclosed location.

APPLE CIDER //

Fun fall activities happening in the Vancouver area

Vibhuti Wadhwa
Contributor

Fall in Vancouver is a lot fun, with the multicoloured leaves and delicious cozy array of drinks available at cafés. However, this is also when we'll be hit with the rain at max level, so you might be looking for some activities or places to check out around the city during the season for both the rainy and pretty days.

GET FARMING

For the people who like the outdoors and perhaps don't mind the occasional drizzle, there are some beautiful pumpkin patches to check out ahead of Halloween and Thanksgiving. The Pumpkin Patch at Richmond Country Farms and the Southlands Heritage Farm are both great options. You can also check out *Daily Hive*'s list for more pumpkin patches in the Greater Vancouver area.

HOW DO YOU LIKE THEM APPLES?

Another cute option is the Apple Festival, which is taking place right here at the UBC Botanical Gardens on October 19 and 20, from 11 a.m. to 4 p.m. The event involves tasting a wide variety of apples, as well as other great snacks and drinks, and enjoyable activities and games.

HAVE SOME LAUGHS

For days when the weather isn't being as cooperative and you want a warm and hilarious evening, head to Granville Island and check out the Improv Centre over there. They frequently have really great shows running and details about show themes and tickets are available on their website. Pro tip: arrive earlier than the show starts to check out the other adorable speciality shops on Granville Island, and grab one of their incredible options in their dining area!

GET FARMING (MARKET)

The Main Street Farmers Market is open until October 2 this year, so you still have a couple of weeks to head up there and grab some goodies. Have a cute afternoon with your friends (perhaps while sipping on a delicious cozy warm apple cider)!

FAMILY FUN

Don't forget to check out the "all-ages autumn adventure," Harvestland, happening at PNE, from October 11 to October 14, and October 16 to October 20. Harvestland is going to be packed with rides, attractions, performers and, of course, delicious food. Check out the website for more details.

SALUTARY GREENERY //

Herbal medicine workshop detailed the basics of using plants as remedies

Tolu Amuwo
Contributor

On September 12, the community workshops at the UBC Farm featured a session on the basics of herbal medicine. It was facilitated by Katolen Yardley, a medical herbalist with over 20 years of clinical and herbal medicine experience. Yardley's workshop educated herbal medicine novices and intermediates about the therapeutic uses of local household plants and herbs, and how these seemingly inert products can sometimes also be our medicine.

September might mean back to school, but for many people it can also mean battling colds and the flu. Yardley explained that one of the benefits of using plants as medicine is their complex system of chemicals, which limits the body's ability to develop a resistance to the effects of plant medicine.

"There's been a lot of research on various herbs that can enhance immune system function, macrophage activity, natural killer cell activity and enhancing the white blood cell activity in the body," said Yardley. Both huang qi and the medicinal mushroom turkey tail are examples of such products.

Huang qi, a Chinese flowering plant, contains polysaccharides that can be used for people who are suffering from a weak immune system. Yardley explained that this particular plant could be beneficial for "students that are under a lot of stress and [whose] whole body and immune system is depleted."

Medicinal mushrooms such as turkey tail and reishi are also among those products which enhance macrophage and white blood cell activity.

Rosemary is another herb that can not only enhance our immune response like medicinal mushrooms, but can also improve cognitive function, as it acts as a circulatory stimulant. As Yardley explained, "with improved blood flow, there's additional nutrients that are carried via the blood flow to various areas of the extremities or the upper part of the body." Because it contains antioxidants called rosmarinic acid and carnosic acid, rosemary does a great job of encouraging blood flow and keeping our capillaries strong.

As midterm season approaches, replacing a cup of coffee or Earl Grey tea with a freshly brewed cup of steeped rosemary tea might not be a bad idea. Not only will you be improving cognition and retaining more information, but the antibacterial properties in rosemary may help fight off all the pathogens acquired throughout the day.

After a stressful season of colds and midterms, all that's left to do is relax and decompress.

ISABELLA MOYER

In order to experience the most effective results, finding a freshly stocked essential oil or herb is extremely important.

In her workshop, Yardley went through the benefits of using aromatherapies such as lavender and lemon balm essential oils. Breathing in essential oils elicits a beneficial chemical response in the brain.

"The essential oils, when they're inhaled, can pass through the olfactory central nervous system, and then a message is sent to the limbic system where it is processed and the limbic system releases neurochemicals that can be relaxing," Yardley explained.

Different oils can incite different responses. Rosemary, for example, is stimulating, while lavender can be sedating and relaxing. Yardley went on to say that, "depending on the essential oil being used, aromatherapy can be fantastic for anxiety, post-traumatic stress or [a] general[ly] stressful lifestyle."

Throughout the workshop, Yardley stressed the notion that fresh is best. In order to experience the most effective results, finding a freshly stocked essential oil or herb is extremely important. As time goes on, the medicinal properties of the vast majority of these products diminish.

Yardley will be returning to the UBC Farm on October 2 to facilitate an experiential class on learning herbal medicine through the use of the senses.

The Ubyssey *does not recommend trying any of the aforementioned herbal remedies without first consulting an expert on how they would interact with your body.*

IT'S TOO DAMN HOT //

What the climate crisis means for BC and what more needs to be done

FILE MACKENZIE WALKER

Chan identified timber management and LNG policy as areas where the province could be doing more.

James Vogl
Science Editor

The climate crisis will have different impacts in different parts of the world. In BC, some of the most significant of those impacts will likely be the worsening of extreme weather events like flooding and wildfires.

While the province has been a national and global leader on climate policy, it can still be doing more to curb carbon emissions, according to Dr. Kai Chan, a professor in the UBC Institute of Resources, Environment and Sustainability.

On the physical side, one of the most destructive impacts would be the worsening of wildfires, which are already a major summer concern.

As average temperatures rise, extended periods of drought will become more common. Working in tandem, these trends will cause both the buildup of larger fuel loads and the extension of the fire season, with the end result being larger and more destructive fires.

Not only are the fires themselves destructive, threatening both lives and property, but the smoke they create can also be a health hazard, especially for vulnerable populations like the elderly.

Another biophysical impact of an unmitigated climate crisis will be the loss of native forest types like the Western Red Cedar that favour a cooler, wetter environment.

This loss of trees and wetland species will contribute to another damaging effect: increased flooding.

"You generally see more flooding when you have more water that's held in warmer air [and] that comes down in more extreme downpours, but that's all exacerbated when you have land use change in the form of more impermeable surfaces," said Chan.

With fewer trees and wetlands to soak up the water that is released in such downpours and more terrain being covered by concrete, all that water has nowhere to go. This phenomenon was demonstrated dramatically in Houston, Texas in the aftermath of Hurricane Harvey.

Flooding in coastal areas will also be worsened by rising sea levels that will amplify the impact of events like storm surges on top of high tides.

Increasing carbon in the atmosphere will also accelerate ocean acidification, a trend that has already pushed several species in the Salish Sea to the limits of what they can tolerate, according to Chan.

On the socioeconomic side, one of the most noticeable impacts will be increased level of migration.

"We can expect to see more migration, especially from places where the climate is becoming more inhospitable," said Chan.

Another impact will be a transformation of the composition of the economy as renewable energy becomes a larger, more important industry. This transition will be more difficult for people working in industries like coal that lack skills that are readily transferable to the renewables industry.

THE PROVINCIAL RESPONSE

The province has been effective at implementing policies that have reduced carbon emissions, but according to Chan, it could still be doing more.

In 2008, BC rolled out an aggressive carbon tax scheme, along with updated fuelling standards. These new standards mandated that a portion of fuel used for heating and transportation must be renewable and required manufacturers to limit the carbon intensity of fuel, among other things.

These policies have been effective at reducing emissions, as the province saw a drop in carbon emissions of nearly four per cent between 2007 and 2016.

But Chan also identified timber management and liquefied natural gas (LNG) policy as areas where the province could be doing more.

"The NDP government, as strong as they've been on some fronts in terms of turning away oil pipelines, have also been trying to build LNG pipelines," said Chan.

LNG is of particular concern to climate scientists because of methane's high potency as a greenhouse gas.

"Because of the pervasive leaks of methane at various stages of either mining, extraction, [liquefaction] or shipping ... methane may be no better than oil, may even be no better than coal from a climate perspective," Chan said.

Despite the scope and scale of the issues the climate crisis is creating, Chan urged students to continue advocating for change, emphasizing that they are the generation that will be inheriting all of these problems.

He also highlighted the great growth in power that the youth climate movement has seen over the course of the past year as an example of the expanding potential impact student advocacy can have.

"There's an opportunity here to be a part of something really great, within your youth to help turn something around that is massive, that the grown-ups have failed to do," Chan said.

LOSING IT //

Thunderbirds collapse in fourth quarter, drop fifth straight game

Tanner McGraf
Contributor

The only real positive to come out of this game is the breakout performance by QB Gabe Olivares. SALOMON MICKO BENRIMOH

On Saturday, the Thunderbirds played some of the best football they have all season — for three quarters.

With three minutes remaining in the third quarter, the Thunderbirds were leading the undefeated University of Alberta Golden Bears 20–14. The Golden Bears then proceeded to score 26 unanswered points in 18 minutes, as the T-Birds lost by a final score of 40–20.

The loss drops UBC football's record to 0–5 on the season.

Hope was bleak at the beginning, as the surging Golden Bears and their quarterback Brad Launhardt, who leads all of Canada West in passing yards coming into Saturday, opened the game with a 78-yard touchdown drive and put Alberta up 7–0.

After UBC's first drive stalled, the coaching staff decided to put second-year back-up quarterback Gabe Olivares in the game in place of starter Tommy Yanchuk.

That decision paid off immediately, as the 'Birds offence drove down to the Alberta 25-yard line and kicker Garrin McDonnell connected on a 30-yard field goal with 2:17 left in the first quarter.

After two Alberta field goals, one UBC field goal and a one-point Alberta safety, the score stood at 14–6 in favour of the Golden Bears with 1:10 left in the second quarter. Olivares proceeded to drive the T-Birds offence 60 yards in just 51 seconds, connecting on five of six passes which included three straight first-down passes to receiver Jacob Patten.

Olivares then ended the drive with a beautiful 15-yard touchdown pass to veteran receiver Trey Kellogg. After a successful extra point, the 'Birds went into halftime trailing by only one point at 14–13.

Halfway through the third quarter, the Golden Bears muffed a punt return deep in their own territory, and first-year linebacker Mitchell Townsend recovered the fumble at the Alberta eight-yard line. After a five-yard illegal procedure penalty, Olivares capitalized on the Alberta mishap by again tossing a touchdown pass to Kellogg. After a successful extra point, the T-Birds were leading the Golden Bears 20-14.

At this point, momentum rested with the Thunderbirds and the home team seemed poised to finally claim their first win.

The home crowd was in a frenzy as the 'Birds stuffed Alberta's very next offensive drive, forcing the Golden Bears to punt from deep in their own territory at the 10-yard line.

Nobody on the sidelines could have predicted the collapse that was imminent for the T-Birds.

Second-year punt returner Daniel Appiah muffed that very punt return which allowed Alberta linebacker Jake Taylor to recover at their own 38-yard line.

Launhardt connected on two deep passes and kicker Jonathan Giustini knocked back a 17–yard field goal.

The next drive resulted in what could conservatively be called the worst play of the season.

The T-Birds started their drive on their own 35-yard line, quickly picking up a first down on a Sharique Khan 10-yard rush. After two short passes, it was 3rd and 2 on the Alberta 37-yard line with a shade over 2.5 minutes left in the third quarter.

Coach Blake Nill sent out McDonnell to attempt a 44-yard field goal, only to shift formation at the line, direct snap to Kellogg under center and attempt a rush to the left side. Kellogg was stuffed for no gain, and the 'Birds turned the ball over back to the Golden Bears.

Alberta capitalized as they drove 63 yards in under three minutes, scoring on an 8-yard touchdown pass to Tyler Turner.

The Alberta stop-and-score left the once-energized UBC crowd in a much quieter state and everybody in the stadium was left pondering the 3rd and 2 call.

The remainder of the game was a comedy of errors for the 'Birds. They muffed a kickoff return that ended in an Alberta field goal.

It was still only a one-score game when the 'Birds defence made a goal-line stop and forced a turnover on downs at their own one-yard line.

Unfortunately, Olivares threw an interception directly after the turnover, ruining what was otherwise a very good performance.

Tyler Turner caught another touchdown pass, and Alberta knocked back two more field goals in the final quarter to bring the final score to 40–20.

MAKING A DIFFERENCE //

UBC Climate Hub to host workshop on sports and climate leadership

The Centre for Interactive Research on Sustainability will host the workshop. FILE JOHN QI

Salomon Micko Benrimoh
Sports Editor

Friday's climate strike was one for the record books, with 100,000 people marching from City Hall all the way through downtown in an effort to demand action in response to the growing climate crisis affecting Canada and the world.

The sporting world is not spared from the effects of the global climate crisis.

From North American ski resorts closing early due to a lack of snow to health risks posed to open water swimmers competing in heavily polluted water basins, the list of how deeply affected the world of sports is by the climate crisis goes on.

At the same time, athletes and those involved within different sporting communities have the opportunity to make a difference in the push to halt the rapid pace of the climate crisis.

The United Nations Framework Convention on Climate Change (UNFCCC), a leading international forum on the climate crisis, looks to use sports as a method to set a leading example in the fight for a better climate.

"Sports organizations can display climate leadership by engaging together in the climate neutrality journey. They can achieve this by taking responsibility for their climate footprint, which in turn will incentivize climate action beyond the sports sector, and therefore help global ambition step-up in the face of the threat posed by climate change," reads the UNFCCC's mission statement for Sports for Climate Action.

It's a bold and ambitious message that will find its way to campus in the coming weeks. The UBC Climate Hub is hosting a workshop and social on Tuesday, October 8 at the Centre for Interactive Research on Sustainability on "How Athletes Can Be Effective Climate Ambassadors."

The event is open to students and athletes of all levels. It will feature speeches from climate experts and the opportunity to discuss with different athletes from a multitude of sports.

SCORE BOX

Sport	Home	Score	Away
Thursday, September 26			
Women's Hockey	UBC	13–0	Trinity Western
Friday, September 27			
Women's Hockey	UBC	4–2	MacEwan
Men's Hockey	UBC	3–4 (OT)	Alberta
Women's Soccer	Fraser Valley	1–1	UBC
Saturday, September 28			
Football	UBC	40–20	Alberta
Women's Hockey	UBC	4–0	MacEwan
Men's Hockey	UBC	0–5	Alberta
Men's Rugby	UBC	23–22	UBCOB
Men's Volleyball	UBC	1–3	Thompson Rivers
Women's Volleyball	Thompson Rivers	3–1	UBC

WEEKEND RUNDOWN

'Birds draw twice against UVic Vikes

Mike Liu
Contributor

The UBC women's field hockey team took to the pitch this weekend for their second double-header of the season after coming away with two wins last weekend in Alberta against the University of Calgary Dinos.

This weekend saw the 'Birds take on their close rivals, the University of Victoria Vikes. Both games ended in 0–0 draws as neither side could crack the other's defence on either day.

The Thunderbirds kicked off Sunday's game with early possession, but both teams soon traded blows equally along with with sharp passing and hard-pressing defence.

The Vikes had the first real scoring chance early in the game off a corner drive, but it narrowly missed the net. UBC responded quickly on the transition, and only a missed shot in the shooting circle prevented them from going up.

The T-Birds managed another quick chance when veteran Margaret Pham broke in alone on the Vikes goalkeeper, but a brilliant save kept the game level.

The two sides went into the half-time break deadlocked at nil-nil. Neither team looked to have any apparent weaknesses, turnovers the result of good defensive play.

The second half saw the game open up much more, with scoring chances coming in a flurry.

UBC won a quick short-corner, and only a stellar block by a UVic defender stopped UBC from taking the lead. Only a few minutes later, the Vikes broke forward on a two-on-one, but they were not able to convert.

The rest of the half saw the Thunderbirds and Vikes trade chances, winning short-corners and causing each other fits with their strong defenses.

However, neither side broke through and the game ended in a 0–0 draw. The Thunderbirds, now 2–0–2 in Canada West play, return to action next weekend against the University of Calgary Dinos on campus at Warren Field.

The Thunderbirds are now 2–0–2 in Canada West play. FILE SALOMON MICKO BENRIMOH

The 'Birds still have some things to iron out before they start another Canada West season. SUZUNO SEKI

Men's volleyball fall to WolfPack

Andy Phung
Contributor

The UBC Thunderbirds men's volleyball team entered Friday's home exhibition game with a three-game losing streak against the visiting Thompson Rivers University (TRU) WolfPack that extends into last season.

Right from the get-go, the Pack demonstrated their tactical and technical prowess. Despite the T-Birds gaining momentum as the first set closed, a rejection from TRU sealed the set for the Pack, 25–18.

The second set saw the T-Birds pull off more exciting plays, but the budding chemistry gradually fizzled as the set dragged on. TRU was more consistent and the second set ended in the Pack's favour, 25–19.

While TRU initially led the third set, the T-Birds took the opportunity to try and erase the deficit. As the set closed, UBC outside hitter Danny Aspenlieder had an excellent set with two kills, while middle Harrison Byrne proved to be a valuable defensive asset as well. The T-Birds would win the set 27–25.

Ultimately, TRU regained its composure and that made all the difference in the game. The T-Birds lost the fourth set 25–21, closing the game at three sets to one in favour of the WolfPack.

Although an exhibition game, UBC's performance shed light on what the team needs to work on for the upcoming Canada West season. Team coordination and communication should be the priority. The team's optimism is to be praised, and should that combine with better team chemistry, the T-Birds could return to a similar form that saw them win the U Sports National Championship in 2018.

The T-Birds return Wednesday at 8 p.m., playing their first home game in the Blue Team Cup against the Queen's University Gaels.

T-Birds drop pair of games to Golden Bears, lose Revel to injury

Brendan Smith
Staff Writer

The season could not have started much worse for the UBC men's hockey team. In the season opener on Friday, UBC forwards Austin Glover and Maxwell James gave the home team a two-goal lead entering the third period.

Yet their opponent, the University of Alberta Golden Bears, was able to capitalize on UBC turnovers and sent the game into overtime where Alberta forward Grayson Pawlenchuk would score the game winner.

Then on Saturday night, Alberta would pitch a shutout to sweep the weekend set.

However, the more significant loss for the T-Birds was the devastating injury to veteran forward Matt Revel.

Not too long into the first period of Saturday's game, Revel was blindsided by Alberta defenseman Sawyer Lange and trainers quickly rushed to attend to the UBC forward who was motionless on the ice.

Eventually a stretcher was brought out to carry Revel off the ice and play resumed.

From that point on, the atmosphere inside Father Bauer Arena was more subdued and both teams looked somewhat rattled by the scene.

In the end, Alberta would control the play for most of the game and win the game 5–0.

The loss of Revel is a tough blow for UBC, as they will miss his speed and scoring prowess in the lineup.

They will have to find another offensive source as they travel to Alberta to take on rivals the University of Calgary Dinos in two weeks to rebound from a very tough weekend on home ice.

After a decently successful pre-season, UBC's regular season did not get off to a good start. COURTESY BOB FRID/UBC THUNDERBIRDS

did you know that . . .

Pineapples have an enzyme called bromelain that digests protein. This means that when you eat pineapples they eat you back.

— Pawan M. and Liz W.

Send your best facts to visuals@ubyssey.ca to be featured in next week's issue!

ubyssey.ca/volunteer

	8				5	3	6	
	5	6		2		7		
9	7	3		8	1			5
		8					9	2
			8	4	9			
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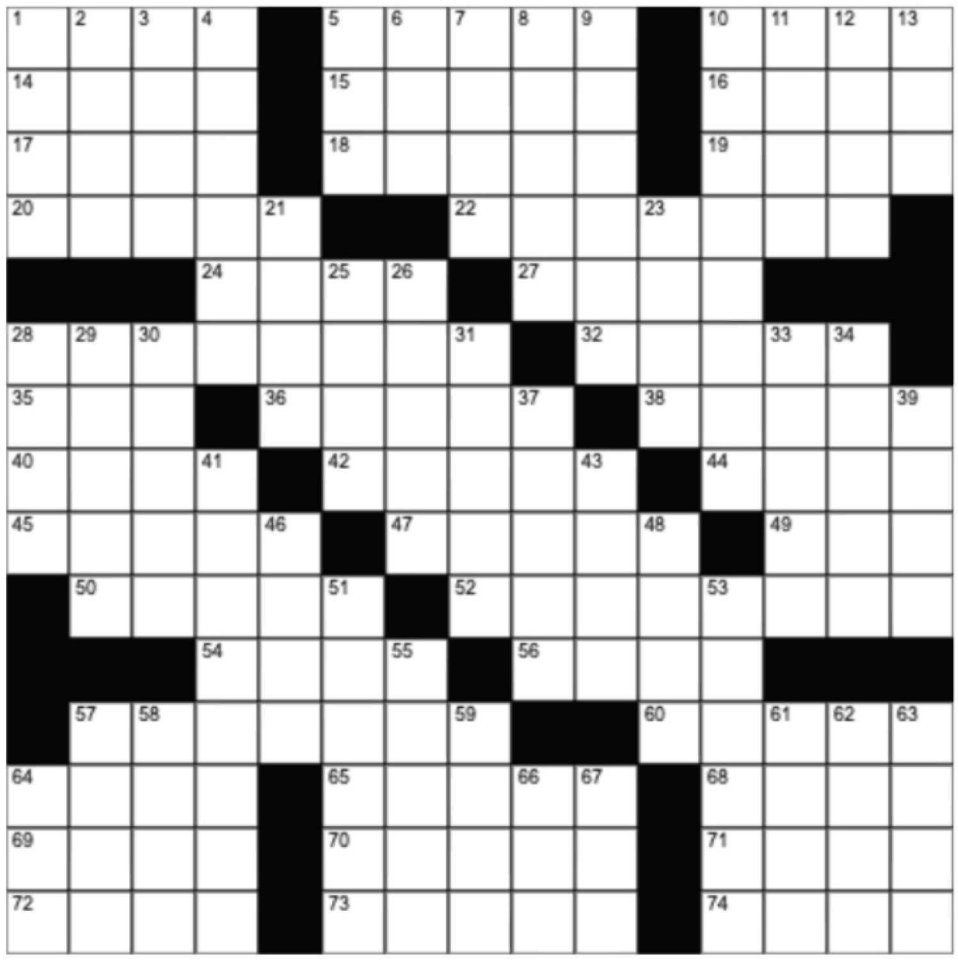

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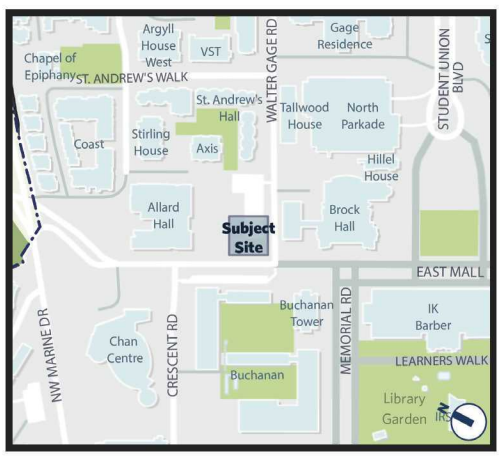
Notice of Development Permit Application - DP 19006

Public Open House Arts Student Centre

Join us on **Wednesday, October 16** to view and comment on a new **Arts Student Centre** to serve the Arts Undergraduate Society to be located in the future Brock Commons.

Date: Wednesday, October 16, 2019 **Time:** 11:30am - 1:30pm

Place: Concourse, UBC Life Building, 6138 Student Union Blvd.



Plans will be displayed for a 843m² multi-purpose facility to support learning, social-interaction, and collaboration for the Faculty of Arts student population.

Representatives from the project team and Campus + Community Planning will be available to provide information and respond to inquiries about this project.

For further information:

Please direct questions to
Karen Russell, Manager, Development Services
karen.russell@ubc.ca 604-822-1586

Can't attend in person?
Online feedback on the **Arts Student Centre** will be accepted until **Oct. 30, 2019**.
To learn more or to comment on this project, please visit:
planning.ubc.ca/vancouver/projects-consultations

This notice contains important information which may affect you. Please ask someone to translate it for you.

此通告包含重要信息，这可能会影响你。
请找人为你翻译。

이 통지는 영향을 미칠 수 있는 중요한 정보가 들어 있습니다.
당신을 위해 그 것을 번역하는 사람을 문의하시기 바랍니다.

THE UNIVERSITY OF BRITISH COLUMBIA
Campus + Community Planning

CROSSWORD PUZZLE

ACROSS

1. Pops
5. Stuffed savory vine leaf
10. That's a laugh!
14. Heroic
15. Lots
16. Spoken
17. Computer operator
18. One-twelfth of a year
19. Elevator man
20. Four-door
22. Adhesive label
24. Magic stick
27. Tree of Life location
28. Large hall for dancing
32. Be a busybody
35. Chihuahua cheer
36. Capital of Crete
38. Autocratic Russian rulers
40. Norwegian saint
42. Tropical plant used in cosmetics
44. 007's alma mater
45. Assumed attitudes
47. First name in cosmetics
49. That, in Toledo
50. Bakery supply
52. Propeller
54. Numbered rds.
56. Ex-frosh
57. Throb
60. Kind of question
64. Part of a bird's beak
65. ___ bleu!
68. City west of Tulsa
69. Crones
70. Spanish hero
71. City on the Truckee
72. Greek god of war
73. Luges
74. Calendar span

DOWN

1. ___ ex machina
2. Church niche
3. Conked out
4. Illegible handwriting
5. Block up
6. I know what you're up to!
7. Optical device
8. Dull finish
9. Plant pests
10. Plastic surgeon's target
11. Comic Johnson
12. "Aquarius" musical
13. Gore and more
21. DEA agent
23. Red coin?
25. Ark builder
26. Recipient
28. Betty of cartoons
29. Metallic mixture
30. Lend for money
31. The brainy bunch
33. Shoot-'em-up
34. Plain writing
37. The opposition
39. Reason to cancel school
41. Intrepid
43. Flying start?
46. Grounded fleet
48. Catch a glimpse of
51. Rides
53. Enlivening
55. Play for time
57. Bartlett, for one
58. Itch
59. Behold, to Brutus
61. Cut, old-style
62. Pinta's sister ship
63. Dumpster emanation
64. Half a dance
66. Free
67. Mag. staffers