

# THE CAMPUS RESIDENT

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## UBC Residents Receive Holiday Gift of Democratic Governance

*UNA was formed in early 2000's and until recently, it laboured under partial control of UBC; today it is wholly self-governed*

**John Tompkins,**  
Editor

A front-page headline in the October edition of *The Campus Resident* said it all: *For First Time, New Board Will be Entirely Elected*. Two months later, this has turned out to be the case.

A perfectly run election yielded the following results: Total number of votes cast 6,537; total number of ballots 1,209. On the back of this strong showing (though not a record), seven Directors-elect took

their seats at a December meeting to decide who will be chair. Three of the seven are first-time Members of the UNA Board.

Herein we are in contact with them.

### Three First Time UNA Directors



**MARIA GALLO**  
Wesbrook Place

Maria Gallo has learned some of the hard lessons of life through personal experiences playing rugby, and she has learned these lessons well. Now coaching the UBC Thunderbirds women's rugby program, she played the game at the senior level in the Vancouver area and on national playing fields for many years.

A strong speaker, Maria did well competing against twelve other candidates in an all candidates forum, and was particularly strong when the questions touched on outdoors.

"Its potential to be the best place to live is evident; however, its safety, sustainability and diversity are topics that I would like to better. A balance between housing, commercial real estate and nature (green space)

are topics of conversation I would like to engage in and address."

She cites total compatibility with the community in which she lives in: "I have lived in Wesbrook Village since 2017. Along with my five-year-old son my husband and our dogs. I teach on campus and love living in our neighbourhood. As proud members of this wonderful community, our neighbours and neighbourhood continually impress me. It's a vibrant and growing community filled with working professionals raising young families and I care about our young families."

"I am passionate about wellness, and I believe one's community can deeply influence one's physical, social, emotional and mental dimensions. And this is something

I'll work to improve for all of us and one's community."

In an interview by telephone, Maria said she is a citizen who respects safety as an essential ingredient in community life, specifically keeping trucks from dominating pedestrian traffic.

She also expressed respect for 'due process' as another integral part of a successful community. It's not a far stretch to see that experience in playing rugby has significantly contributed to a respect for the existence of rules.

Maria has all the grounding from personal, professional, and athletic life to be very successful in her new role as board member for the UNA.



**EAGLE GLASSHEIM**  
Wesbrook Place

I am a professor of history at UBC and a parent of kids at Norma Rose Point and University Hill Secondary. I was active in the NRP PAC for several years, including in the group that designed, fundraised for, and helped construct the wonderful, accessible playground the school currently enjoys. More recently, I've been involved with the University Faculty and Staff Tenants Association (UFASTA). UFASTA represents faculty and staff renter interests with the University, has periodic meetings to discuss renter concerns, facilitates communications among neighbours within individual buildings, and hosts occasional potlucks to build community among faculty and staff renters. We've also been contributing to conversations about road safety at UBC.

I am grateful for the opportunity to represent

UNA neighbourhoods as a resident director. In addition to providing oversight of UNA budgets and operations, I will work with the Board, UNA staff, and UBC to fine-tune the relationships among the UNA, UBC, and residents. UBC neighbourhoods are a tangle of overlapping jurisdictions and responsibilities for what the UNA calls "municipal-like services." The UNA and UBC should clearly articulate their roles in providing services and bylaw enforcement, with an easily-accessible portal for resident questions, concerns, and requests.

I'll also work with UNA staff to represent residents' interests with the University. The UNA Board is the only democratically-elected representative of UBC's close to 15,000 full-time residents. Our neighbourhoods are owned and governed by UBC. As residents here, we may share many goals of

the University. But the UNA Board should use its democratic legitimacy to ensure that the University is accountable to residents, and that it upholds its commitments to sustainability, livability, and public safety in current and future neighbourhoods.

This is all the more important as UBC undertakes its "Campus Vision 2050" land-use planning process over the next few years. I will advocate strongly for UNA residents' interests, including for affordable housing for those who study and work at UBC; for safe and sustainable, transit-, pedestrian-, and bicycle-oriented neighbourhoods; and for a healthy balance of academic, residential, recreational, and retail space. (We need more grocery stores at UBC!) If you have questions, concerns, or suggestions, please get in touch.



**ALI MOJDEHI**  
Hawthorn Place

If you have reasons to chat with Ali Mojdehi, you will find he addresses you as a member of the UNA, not as a member of staff at the University of British Columbia. Lots of people address Ali, some of them mistakenly, as a UBC employee. He would happily prefer to be thought of as a recently elected director of UNA Board. His strength comes from that, and so is his admiration for UBC (Acting Direct of UBC Campus Security).

Work aside, Ali is extremely devoted to life on campus, and this shows clearly when

discussion turns to ways in which the UNA might be improved by the application of UNA initiatives.

Voicing a popular theme, Ali says UBC is a wonderful place to live, and he would like to contribute to its further improvement. A word he uses with particular delight is 'vibrant'. He sees vibrancy in the UNA, and would like to contribute to more of it. He would like to see more food shops, restaurants, other types of shops, all of which contribute to the vibrancy of the UNA.

Ali was born in Iran and moved to Canada after finishing his school and completing his military service in the Iranian Police Ser-

vices. On his arrival in Canada Ali found an interest in the security field and worked in the public sector as a Security Manager, Investigator and Security advisor for a number of high profile organizations.

After finding home in Vancouver, Ali has employed his experience, education, and work history to contribute to better the society that he now is a part of. If our interview with Ali, is any indication, his resume and determination will invariably lead to positive changes in UNA as Ali takes his position as a new board member very enthusiastically.

**ELECTIONS continued on Page 2**

# Results: UNA Elections 2021

Members of the University Neighbourhoods Association (UNA) have elected seven members to its Board of Directors during the 2021 UNA Elections. The successful candidates are:

- Gallo, Maria** – Wesbrook Place
- Glassheim, Eagle** – Wesbrook Place
- Holmes, Bill** – Hampton Place
- Kang, Zheng (Jane)** – Wesbrook Place
- McCutcheon, Murray** – Hawthorn Place
- Mojdehi, Ali** – Hawthorn Place
- Watson, Richard** – Hawthorn Place

The breakdown of votes are in the adjacent table.

**Total Number of Votes Cast: 6537**

**Total No. of Ballots: 1209**

The Directors-elect began their term on December 14, 2021.

The UNA Elections ran from November 8 to November 30, 2021. The counting procedures took place at the Wesbrook Community Centre and were overseen by a neutral third-party elections officer assisted by volunteers from the community. The UNA would like to thank all volunteers who dedicated their time and effort to the counting process.

The UNA would also like to thank all the



The inaugural meeting of the new UNA Board of Directors took place on Tuesday, December 14. At the meeting, Directors re-elected Richard Watson, who had previously served on the UNA Board for two years, as Chair of the Board for another three years. Directors also re-elected Murray McCutcheon as Secretary of the UNA for three years. Mr. McCutcheon, previously served for two years as UNA Secretary.

candidates who put their name forward and whose desire to serve the UNA community is commendable.

### Bylaw 5.14

5.14 If the method in Bylaws 5.12 and 5.13 for determining the elected nominees would or may, before the application of this Bylaw, result in more than 3 Directors who reside in a particular Local Area or Designated Building, the following provisions apply:

(a) each nominee whose election would result in more than 3 Directors who reside in that Local Area or Designated Building is deemed to have received

fewer votes than nominees who do not reside in that Local Area or Designated Building;

(b) in applying (a), nominees shall be assumed to be elected one after the other, in accordance with the number of votes received (starting with the nominee who received the most votes); and

(c) if the number of nominees, other than nominees with respect to whom (a) applies, is less than the number of positions to be filled, the remaining positions shall be filled by applying Bylaws 5.12 and 5.13 with respect to the remaining nominees.

CANDIDATE	NEIGHBOURHOOD	TOTAL VOTES	SUCCEED?
<b>Watson, Richard</b>	Hawthorn Place	825	Yes
<b>McCutcheon, Murray</b>	Hawthorn Place	782	Yes
<b>Holmes, Bill</b>	Hampton Place	740	Yes
<b>Glassheim, Eagle</b>	Wesbrook Place	694	Yes
<b>Kang, Zheng (Jane)</b>	Wesbrook Place	605	Yes
<b>Gallo, Maria</b>	Wesbrook Place	542	Yes
Liu, Fei	Wesbrook Place	534	No*
Cheng, Tony	Wesbrook Place	384	No*
<b>Mojdehi, Ali</b>	Hawthorn Place	360	Yes
Ngieng, Sofia	Hampton Place	318	No
Prost, Mitchell	Hawthorn Place	314	No
Co, Erin	Wesbrook Place	220	No
Gan, Mary	Wesbrook Place	219	No

\*Candidate did not succeed due to Bylaw 5.14.

## Four Returning UNA Directors



**MURRAY MCCUTCHEON**  
Hawthorn Place

It is an honour to be re-elected by residents for a second term on the UNA Board. I am delighted to join three returning Directors – Richard Watson, Bill Holmes, and Jane Kang – for a new term and to welcome our three new Board Directors – Maria Gallo, Eagle Glassheim, and Ali Mojdehi. With an all-elected Board, this marks an historic election on our path to a democratic, municipal-like governance structure in the UNA.

I feel a special affinity for UBC. My father has been a professor (now emeritus) for 50 years. My mother has led the Faculty Women’s Club. I have three degrees from the university. I work for a biotech company that

spun out of the university in 2012. My wife, Jen, is the elected Area A Director for Metro Vancouver, and together we have raised our family in the Hawthorn Place neighbourhood for the last 5 years. Thus, I come by my passion for the UNA community honestly.

In this election, I ran on a platform focused on ensuring future UBC land development prioritizes livability, a community-oriented design, affordability, and green space. I believe the UNA should take a proactive role to send this message to UBC for its Campus Vision 2050 project. The next six months are critical as the terms of reference will be defined. It will not be easy for us to avoid a Yaletown-like future. One needs only to look at the Oakridge development plans in Vancouver. But we owe it to our community, present and future, to be strong advocates.

I also look forward to the many other projects, large and small, that will occupy the Board, including a new strategic plan for the UNA and various sustainability initiatives.



**RICHARD WATSON**  
UNA Board Chair  
Hawthorn Place

have made (hopefully both). I congratulate the new directors and look forward to working with them.

While I have been a Director, the Board has functioned collegially. That does not mean that we always agree – that would not be good for the community – but when we disagree it is always respectfully. I trust that this collegiality and respect will continue with our expanded Board.

The UNA received 1,209 ballots by the election deadline. Based on an estimate of 5,000 UNA members, this is a participation rate of approximately 24%. However, the number of potential voters includes a substantial number of residents who have not become UNA members.

Taking them into account produces a disappointingly low participation rate. By comparison, the voter turnout in the last Vancouver election (in 2018) was estimated at 39%.

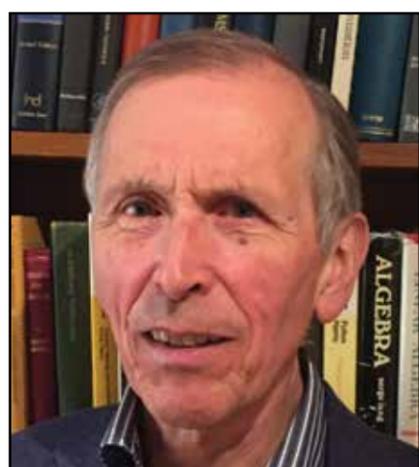
Since there is no record of the number of ballots cast in the 2019 election, it is not possible to accurately compare the current rate of participation with that in the 2019 election. The fact that Murray McCutcheon and Richard Watson obtained more votes this time – 782 and 825, respectively, compared to 627 and 594 in 2019 – is evidence of an increase in participation. However, the increase is less than I expected would result from the change to a fully elected Board with all directors elected at the same time.

I would like to thank everyone who voted for me. I look forward to the opportunity to continue doing what I can with my fellow Board members to improve life in our community and to make further progress on UNA governance and related issues. I also look forward to continuing to work with the UNA’s very capable and co-operative staff.



**ZHENG (JANE) KANG**  
Wesbrook Place

Re-elected Director Jane Kang suggested giving new Directors chances to write their own texts. “They may have good plans”, she said.



**BILL HOLMES**  
Hampton Place

The election of the four current directors shows that residents value the importance of continuity on the UNA Board or that they appreciate the contributions we

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## UBC Commits to Net Zero Emissions by 2035

The University of British Columbia today unveiled a bold new climate action plan to accelerate emissions reductions and achieve net-zero emissions by 2035 at its Vancouver campus—15 years ahead of the previous target date.

To achieve this goal, UBC will expand its district heating system, make campus buildings more efficient, improve waste management and promote sustainable modes of transportation, among other measures.

The university’s Climate Action Plan 2030 (CAP 2030) builds on the success of two previous climate action plans. It also incorporates principles recently outlined in UBC’s 2019 declaration on the climate emergency and its climate emergency task force report.

“We have made significant progress on reducing greenhouse gases generated through campus operations, but there’s still more work to do given the urgency of our climate crisis,” says UBC President and Vice-Chancellor Prof. Santa J. Ono (he/him). “CAP2030 builds an accelerated roadmap for further emissions reductions – allowing UBC to contribute further to the goal of capping global warming at 1.5°C, which was set in the Paris Agreement.”

**Clean energy, smart transportation**

UBC has reduced its greenhouse gas emissions by approximately 30 per cent since 2007. The new plan aims to get to net zero faster through a combination of measures.

The Bio-energy Research and Demonstration Facility, which burns clean wood waste from outside sources to heat buildings across the campus, is undergoing a \$27.4 million expansion that when complete will allow it to heat more buildings – further reducing reliance on non-renewable energy sources. Ultimately, the plant is projected to help reduce total emissions by up to 60 per cent compared to 2007 levels.

And within the next decade, 100 per cent of the district energy used to heat campus buildings is projected to come from such low-carbon sources.

In addition, the new climate action plan will ensure that new buildings are built using low- environmental-impact materials and operated sustainably to produce zero emissions, while existing buildings are retrofitted to use less fossil fuels.

UBC will also develop a comprehensive electric vehicle charging strategy for its campus fleet, and any new vehicles added to the fleet will be zero-emission whenever possible. To reduce emissions generated through commuting to campus, commuters will be offered incentives to use sustainable modes of transportation. Cyclists will also benefit from improved bike storage and bike lanes and expanded bike sharing programs.

Other measures listed in the plan include reducing business air travel and improving food and waste management.

**Communities and leadership for climate change**

The university recognizes that climate change has different impacts on different people and its climate action plan emphasizes social justice and a collective climate response.

Engagement and outreach activities to the UBC community will accelerate next year to support the changes needed to reach CAP 2030 goals – particularly those involving emissions from business air travel, commuting, food and waste.

The university has built a strong global reputation on climate action leadership. In 2019 and 2020, Times Higher Education ranked UBC as the top university globally in helping to address the climate crisis. As an agent of change for sustainability and social justice, UBC has also worked to elevate the issue across the global university network, including through the University

Climate Change Coalition (UC3) and the U7+ Alliance.

“At a time when urgent action is needed, UBC’s approach can serve as a model of what can be achieved when an entire organization and its community is empowered to take steps to tackle climate change,” says Prof. Ono. “Through our collective actions we respond to the challenge of the climate crisis, creating solutions that can drive change locally as well as globally.”

**CAP 2030 Highlights**

- New buildings across campus will be built to zero-emissions standards and key existing buildings will be identified to be retrofitted with low-carbon energy systems; fossil fuel equipment will be eliminated;
- Commit to only purchasing new vehicles that are zero emissions where feasible; continue to reduce fleet GHG emissions through the use of electric vehicles (EV) and vehicle sharing between departments; develop comprehensive EV charging strategy;
- Continue to advocate strongly and plan for a rapid transit link from Arbutus to

UBC;

- Improve the cycling experience through improved bike storage and bike lanes; expansion of bike sharing programs and future e-bike sharing programs in partnership with the City of Vancouver;
- Reduce emissions generated through commuting to campus by discouraging single occupancy car trips by limiting parking supply, calibrating parking permits packages to incentivize commuters to use sustainable modes of transportation;
- Reduce business air travel emissions by 50 per cent by 2030 by generating awareness and leveraging virtual solutions; study air travel patterns and alternatives between Vancouver and Okanagan campuses;
- Introduce an Internal Carbon Price to encourage investment in climate-friendly systems that reduce emissions and operational carbon liabilities;
- Amend UBC Supplier Code of Conduct to reflect the university’s climate commitments; advance research initiatives to expand climate-friendly food systems; update the Zero Waste Action Plan.

Republished from [news.ubc.ca](https://news.ubc.ca).

**LETTER TO THE EDITOR**

### UBC Remembrance Day Ceremony

Your terse article in The Campus Resident, November issue, set the right tone for a stale ceremony.

The attending military contingent stamped their feet, swung arms shoulder high, stood rigid (much as in 1914) and created the feeling in me that they were there to ensure the correct dogma was recited and not to

uphold free speech or democracy.

The speakers should have emphasized our sorrow and regret at the industrial slaughter war means and a determination that the Great War to End All War becomes a fact.

**Peter Orata,**  
UBC resident

2022  
**WINTER**

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**PROGRAM GUIDE**

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Recreation Programs at the Wesbrook Community Centre & Old Barn Community Centre

**REGISTER NOW!**

[myuna.ca/recreation](https://myuna.ca/recreation)




# Collisions Cause Record-High Concern about Traffic Safety

*In one collision, two UBC students are killed in horrific car crash on Marine Drive; in another not far away, leg of UBC student is broken*

[David.eby.mla@leg.bc.ca](mailto:David.eby.mla@leg.bc.ca)

.....

Around 1:45 a.m. on Sunday, September 26, 2021, two UBC student pedestrians were tragically killed in an horrific car crash on Southwest Marine Drive. Shortly after this terrible crash, another UBC student pedestrian just down the road had his leg broken in a separate collision at a crosswalk.

The details of these two collisions and their causes are yet to be determined. Generally, however, as Wesbrook Villagers, our family like many can testify to the sounds of drag racing on Southwest Marine, near misses at crosswalks, and general concerns about pedestrian safety on the UBC peninsula. These two collisions have raised concerns about traffic safety to an all-time high in our community.

I have received petitions, phone calls and letters about traffic safety and enforcement, and held several meetings with community members, as well as with UBC, Metro Vancouver representative Jen McCutcheon, the Ministry of Transportation at a staff level, and the RCMP to discuss this important issue.

Several key themes in these meetings have come up.

## Enforcement

Residents at Wesbrook and at the UEL are concerned about the adequacy of the number of available RCMP officers to do enforcement during periods when students are on campus. I have worked with the Ministry of Public Safety and Solicitor General on this issue and they have worked with the RCMP to prepare a business case which is a prerequisite to adding more officers. I understand that the RCMP are supportive of more officers on campus which would enable more traffic enforcement among other types of law enforcement commensurate with the number of people who live on and visit our communities and UBC Point Grey; however, the current detachment building (on Wesbrook Mall across from the rugby field) does not have capacity for more officers.

Although typically RCMP detachments are federally owned and supported, my staff and I out of my local community office are currently working with the Ministry of Citizen Services and UBC to identify ways to find more space to ensure adequate policing for our rapidly growing community. These include potential long-term solutions of new detachment building, and short-term solutions of modular office space. Longer term solutions will potentially involve partnerships with firefighters and potentially paramedics who are both also first-responder groups located on campus and close neighbours to the RCMP. I will update you when more information is available. I am grateful to our local detachment and Staff Sergeant Chuck Lan for openness and willingness to engage on these important issues.

## Road engineering at Southwest Marine

The Ministry of Transportation is working with UBC to identify possible engineering changes to the road at Southwest Marine where it changes from two lanes down to one, the site of the recent fatal crash. This important work is ongoing and I will update you as various recommendations for change come out.

## Traffic systems generally: Crosswalk lighting, controlled intersections, roundabouts

Neighbours have compiled broad lists of areas of concern related to traffic in our community and shared them with my office. The Ministry of Transportation has received all of these suggestions and is working through them to identify priority areas. Recent “active transportation”

(walking, biking, scooting, etc.) funding increases from the provincial government may provide an opportunity for improvements on campus faster than may otherwise have been achievable, and this opportunity is being explored by the public service and UBC.

Thank you to all of the neighbours who wrote or called my office to share concerns or feedback about traffic enforcement and safety in our community. Your suggestions are helping shape the future of transportation in our neighbourhoods, a future we need to be greener and safer for everyone. With the support of UBC, the Ministry of Transportation, the RCMP, and the UNA, we’ll be able to get there, and I’m happy to say we’re heading in the right direction to turn this disturbing tragedy into a legacy of safer transportation for everyone on the peninsula.

# Minister Makes Time for ‘Hidden Heroes’ Despite Hectic Schedule



Joyce Murray with Hidden Heroes recipients.

*Hard work on the one hand; more hand work on the other hand*

.....

You might think that Member of Parliament Joyce Murray (Vancouver-Quadra) has enough work to do traveling back and forth across Canada as newly appointed Minister of Fisheries, Oceans and the Canadian Coast Guard that she has no time for such a small group as the Hidden Heroes in her constituency.

You would be wrong. Ms. Murray attended the 2021 Hidden Heroes award ceremony in a Vancouver church hall. Here is her schedule for the week:

“Honoured to be sworn in for the sixth time as the Member of Parliament for Vancouver Quadra. I look forward to a productive parliamentary session representing the views of our community, while advancing important issues such as childcare, climate change, and housing.

“Earlier this week, I was also honoured to be asked to serve as Minister of Fisheries, Oceans and the Canadian Coast Guard. I look forward to working with all to ensure the sustainability and resilience of Cana-

da’s ocean and freshwater ecosystems for generations to come.”

The Hidden Heroes Award was started in 2017 as part of Canada 150 celebration. As Ms. Murray states at her website, she had the privilege of publicly acknowledging 20 hidden heroes from Vancouver Quadra each year between 2017 and 2019, and 25 heroes in 2020 – recognizing the extra efforts being made in response to the pandemic.

“This local volunteer recognition event has inspired and encouraged more and more volunteers to continue contributing to our society!

“Every year, I invite you to help us celebrate the people in our community who quietly give back and whose hard work and good deeds often go unrecognized. We let you tell us who in your organization or neighbourhood has not received the recognition you think they deserve for their volunteer contributions.”

Two dozen heroes received heritage plaques for their volunteer services to the neighbourhoods in which they live with an assistant to the Minister saying several UBC residents were among those who received awards.

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## LETTER FROM UBC PRESIDENT

## UBC Unveils Climate Action Plan

I am pleased to share that UBC has unveiled two ambitious climate action plans for the Vancouver and Okanagan campus.

With the release of these plans, UBC has pledged to significantly reduce greenhouse gas emissions by 2030 for both campuses and continue to play a leadership role in addressing the climate emergency.

For Vancouver, that means an 85% reduction in campus operations emissions by 2030 and achieving Net Zero emissions by 2035. This is 15 years ahead of our original target of net zero by 2050. This includes emissions from buildings, energy and fleet. And a 45% reduction in extended emissions. This addresses emissions that all of us have control over including commuting, waste, food and air travel.

For UBC Okanagan campus, it will be a 65% reduction in campus operations emissions by 2030 and 45% reduction in extended emissions.

Together, these reductions will help UBC align with the Paris Agreement targets, with the goal of limiting global warming to 1.5°C. That's the threshold many scientists have said is crucial to avoid the most disastrous effects of global warming.

UBC, as a large public research institution on campus that resembles a city, has a unique role to be an agent of change in forging a path for other municipalities across BC to accelerate toward net zero emissions.

To meet the targets of our climate actions plans, the university will be doing its part to reduce operations emissions and to support the community in taking urgent action on climate change.

Some highlights of the plan include:

- using low-carbon energy sources to heat campus buildings,
- eliminating fossil fuel systems and equipment in buildings,
- transitioning to zero emission vehicles and equipment,
- implementing sustainable transportation initiatives through the UBC Vancouver and UBC Okanagan Transportation Plans,
- continuing to advocate for SkyTrain extension to UBC Vancouver
- expanding climate-friendly food menu offerings;
- and exploring opportunities to reduce air travel emissions between UBC campuses and replacing discretionary business trips with virtual meetings whenever possible.

The university recognizes that the ability to take part in sustainable actions may be constrained by lack of privilege and inequality. This is why engaging principles of climate justice are particularly relevant when developing climate actions related to food systems, commuting and business air travel. We must identify and remove barriers to choosing alternatives to ensure equity across our campus community.

As a community of learners, researchers and change makers, we have the opportunity and a responsibility to take action and demonstrate leadership to address one of the most pressing issues of our time.

Achieving the ambition of CAP 2030 will require systemic change that will reach every corner of the institution. It will also require the entire UBC community to be engaged and to participate.

We have enormous intellectual and institutional capacities to advance change for the positive future—that is why we have



**Professor Santa J. Ono.**  
Photo credit Paul Joseph, UBC.

embedded the term 'net positive' into our strategic and sustainability plans.

Through our network of community and global partnerships including University Climate Change Coalition, International Sustainable Campus Network, University Alliance on Sustainability and U7+ (just to name a few) we are helping to support knowledge exchange where research informs policy, and where policy catalyzes action.

These partnerships enable UBC's climate action to inform change across the campus, community and global scales.

It was the UBC community, especially students, that mobilized to increase awareness and to advocate for action with the creation

of the student-led Climate Hub and the many student-led sustainability initiatives across campus. We believe this commitment and participation is critical to helping advance our bold vision and ambitious goals.

As we move to implementing the climate action plan you'll hear about new programs, tools and resources that we're creating to better support you in making changes. Please visit the climate action plan website at [planning.ubc.ca/sustainability](http://planning.ubc.ca/sustainability) to learn more.

In closing, I would like to wish everyone a wonderful holiday season, and all the best for the New Year.

**Santa J. Ono**  
President and Vice-Chancellor

## Basketball Situation at UBC Speeds Up—Then Slows Down

*Where should proposed new outdoor basketball court be located? It's not there yet*

**John Tompkins,**  
Editor

The UNA Board of Directors moved unexpectedly at its regular monthly meeting in November.

The Board had been expected to approve a motion laying the groundwork for a new outdoor basketball court for campus residents.

Instead of approving the motion in this regard, however, the UNA Directors voted to the contrary. UBC Properties Trust will now be asked to withdraw the development permit application for the Wesbrook Basketball Court.

The agenda was amended at the start of the November meeting to include the proposed Wesbrook Basketball Court as a new piece of business.

The Directors heard from residents who were extremely concerned about the noise for other residents who lived nearby.

The sport of basketball, popular with youth, will likely stay alive on campus despite the adverse motion in November.

For the last decade, residents from all parts of UBC have trekked about campus looking for games in which to play during their free times, and more often than not, they often found them on a modest patch of land just west of Thunderbird Parkade on Thunderbird Boulevard.

Concern was raised when UBC—which had been generously allowing the games on this handy basketball court—stated that it wanted use of the land back for the development of a hydrogen fueling station. The UBC community, which takes the land to be a community amenity, responded vociferously.

Intense discussion developed on the subject, and things worked out well for the residents. On April 8, 2021, the two sides noted they were in agreement. Speaking for UBC was Grant Miller, Director, UBC Development Services, Campus and

Community Planning. Speaking for residents were UNA Directors.

The basketball court would continue its current existence, but not at its current site. Instead, a parcel of land nearby (named TEF 3 parking lot) would be made available as a new basketball court.

In an e-mail exchange with The Campus Resident following the April 20 meeting of the UNA Board of Directors, Mr. Miller said, "With consideration of community feedback and consultation with the UNA, UBC staff recommended that a replacement court be developed on a portion of the TEF 3 parking lot at the corner of Health Sciences Mall and Thunderbird Boulevard. UBC Staff shared the recommendation and analysis with the UNA in advance of a Site Selection Committee meeting at which the site was approved.

"A development permit application for the court design on the TEF 3 parking lot will be submitted in the coming weeks. The Development Permit process will include an opportunity for community feedback and a virtual Open House in May. There is a commitment for no disruption to basketball court access, and it is expected for

the new court to be built quickly and is expected to be available for use late this summer."

UBC started the development ball rolling by applying for a building permit in May, and the outdoor basketball court project got under way. A display poster was installed, and members in the community were happy, knowing this basketball court was intended as a replacement for the hydrogen fuel project.

A virtual public open house was held, and the developers were invited for a brief presentation. Then UBC came up with a new site in Wesbrook Place, an undertaking that concerned an undetermined number of residents.

There was a second motion at the November Board meeting (also approved) giving direction to the UNA representatives participating in the process for finding projects to be funded by Community Works Fund money.

The representatives are to consider further a recreation proposal for Wesbrook Place.

# UNIVERSITY NEIGHBOURHOODS - 2021 YEAR IN REVIEW

## JANUARY

### Message from UNA Chair

Dear UNA Members, The year 2019-2020 was one of transition and many changes in our organization. I begin by thanking UNA Executive Director, Johanne Blenkin, for several years of service ending in June 2019. The Board also thanks two long-serving managers, Andrew Clements and Wegland Sit, who stepped up to temporarily serve as Co-Executive Directors while the search for a new Chief Administrative Officer was conducted.

### UBC Scientist who Lives in UEL Appointed to Order of Canada

Local resident David Wilkinson, a professor in UBC's Department of Chemical and Biological Engineering and an internationally recognized expert in electrochemical technologies, has been named a member of the Order of Canada "for his contributions to electrochemical science and engineering, particularly the ongoing development of fuel cell technology."

### UBC Commits to Building Veteran-Friendly Campus

From providing students with military training in the First World War to preparing today's veterans with the tools they need to succeed in life, UBC has a long history of honouring and supporting those who serve our country. By becoming a veteran-friendly campus, UBC commits to provide programs and services specially designed for veterans including specialized mental health and counselling support, priority student housing, social and recreational opportunities, professional development courses and a Royal Canadian Legion Branch.

### Charging Stations to Double EV Capacity

The University Neighbourhoods Association (UNA), UBC and UBC Properties Trust are helping to make it easy to charge Electric Vehicles (EVs) through their partnership with BC Hydro and the Electric Vehicle Charging Initiative. The new EV charging stations have two EV chargers, and they will deliver up to 80% of power in 30 minutes. The new fast station will effectively double the charging capacity of the existing location.



## MARCH

### New Set of UNA Bylaws / Constitution, More Democracy in Boardroom

The University Neighbourhoods Association (UNA) has announced that its new set of Bylaws and Constitution have been filed with the Province and are now in effect. A highlight of the new Bylaws includes provisions for more democratic governance, with a fully elected Board of Directors and the transition of UBC-appointed Directors to non-voting observer participants. A separate Agreement was created with the UBC Alma Mater Society (AMS) that allows them to designate an AMS member to attend and participate in Board meetings.

### Gloom Gives Way to Hope as Vaccines Roll Out at UBC

"Hope all is well with you" says David Eby, MLA for Vancouver Point Grey and Attorney General for British Columbia. "Our family is home from Port McNeill (Vancouver Island) and happy to be back on familiar turf, even if we're still restricted from seeing everyone we'd like to see." Addressing constituents in his monthly newsletter, Mr. Eby was especially upbeat. "We have some happy news related to vaccines in the province – the schedule for all adults to have their first vaccination has been moved up to July.



## MAY

### Remarkable Individuals to Receive Honorary Degrees from UBC

B.C. Provincial Health Officer Dr. Bonnie Henry, internationally renowned climate activist Greta Thunberg and four Indigenous leaders will be among those receiving honorary degrees from UBC this spring. Dr. Henry will receive her honorary degree from UBC Vancouver, while Thunberg will receive her honorary degree from UBC Okanagan. They are among 18 remarkable individuals receiving honorary degrees.

### Electric Mowing Means Peace in Garden

To address resident concerns and to improve service delivery, the UNA has been working on new landscaping pilot projects. The UNA collaborated with external landscape equipment supplier Greenworks Commercial to facilitate an electric landscape equipment demonstration with UNA landscaping teams. Starting April 15, the UNA launched a pilot project to implement the electric powered equipment in park spaces in Hawthorn Place.

### A Conversation About Anti-Asian Racism by Santa Ono

This is Asian Heritage Month; an opportunity for all Canadians to learn more about the many achievements and contributions of Canadians of Asian descent who, throughout our history, have done so much to make Canada the amazing country we share today. It's a time to celebrate the incredible diversity that is our strength.



### B.C. Eager to Go Electric: Over 50,000 EVs on Road

A record number of British Columbians (including residents of UBC) have switched to electric vehicles (EVs) with more than 54,000 light-duty EVs registered in B.C., according to the newly released 2020 annual zero-emission vehicle (ZEV) update.

## FEBRUARY

### UNA Aims to Enhance Community Life on Campus

The UNA has set out to improve the quality of community life on campus. At its January 19 meeting, the UNA Board of Directors made an ambitious statement about the committee it has formed to fetch about an enhanced quality of life. "The Committee is to assist the Board in identifying and implementing initiatives that will improve the levels and effectiveness of resident participation in community life, with a view towards improving the overall quality of life in the University Neighbourhoods."

### How Old Barn Coffee Shop on Campus Was Saved from Pandemic

On January 6, 2021, Richard Watson, Chair of the UNA Board of Directors, and Sundance Topham, Chief Administrative Officer of the UNA, sat down with Elsie Nguyen, President of Powered by Caffeine Enterprises Inc., removed their masks and raised their coffee cups to toast the signing of a new sublicense for the Bean Around the World (BATW) coffee shop in the Old Barn Community Centre.

### Reflections on February, Black History Month by Santa Ono

And while we should celebrate Black history and excellence any day and every day, this month is an opportunity for a focused, intentional, and elevated reflection and recognition of Black history and achievement - and the many contributions of Black Canadians, Black British Columbians, and Black students, faculty, and staff at UBC.



## APRIL

### Agreement Means Basketball Stays Alive on Campus

For a decade, residents from all parts of UBC have trekked about campus looking for games in which to play basketball during their free times, and they often found them on a modest patch of land west of Thunderbird Parkade on Thunderbird Boulevard. Near-disaster struck when UBC—which had been generously allowing the

games on this basketball court—stated that it wanted use of the land back for the development of a hydrogen fueling station. The UBC community, which takes the land to be a community amenity, fought back.

### Bringing Home the Bacon

The Board of Directors of the University Neighbourhoods Association has brought home the bacon. After several years of work, the Board has succeeded in modernizing its set of Bylaws and the Constitution which is at the core of them. Richard Watson, chair of the Board, offers his thoughts in comments to The Campus Resident, "It's been a long and convoluted process but I'm very pleased with the outcome. We now have better clarity on governance issues with respect to both constitution and bylaws.

### UBC Upgrades Safety of Wesbrook Mall Crosswalk

A new section of yellow delineators has been installed along the Wesbrook Mall crosswalk in the Wesbrook Commercial Core area adjacent to Norman Mackenzie Square.



## JUNE

### Companies Compete for Right to Sell Cannabis on UEL, Steps from UBC

A second company has applied for the right to sell cannabis from a vacant store on the University Endowment Lands, and like the first store, the second lies steps from UBC. The new applicant is Atheneum Cannabis, which lists its head office at 2431 West 41st Avenue—in the heart of Kerrisdale. The first applicant was BURB Cannabis, managed in the suburbs of Port Moody and Port Coquitlam.

### UBC Unveils Plan to Restart in September

With public health leaders confident in the safe resumption of on-campus activities by post-secondary institutions, progress in the provincial vaccination program, public health measures and declines in COVID-19 case counts and hospitalizations, UBC is outlining its phased approach to support faculty and staff returning to campus in preparation for the 2021/22 school year starting in Sept.

### New Subway Stations Speak of 'Things to Come'

The organizers of the Broadway Subway Project—the Federal Government, Provincial Government and Municipal Government—will spend 3.8 billion dollars laying the groundwork of a new Broadway Subway Station project that consists of six stations and a line connecting them, and while this is a huge amount of money, an even larger amount will need to be spent on a second rapid transit project.



# UNIVERSITY NEIGHBOURHOODS - 2021 YEAR IN REVIEW

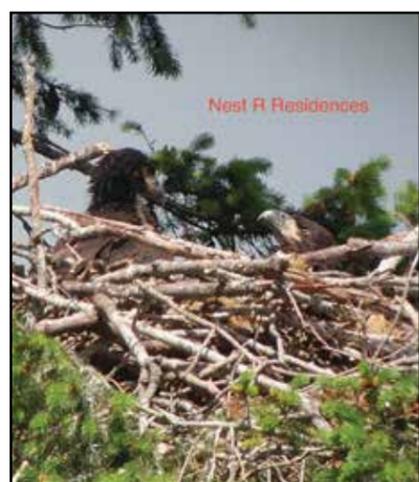
## JULY

### Petition: Prevent 'Pot Shop' from Doing Business Steps from UBC

This petition (was) to let the University Endowment Lands administration office know the concerns and effects it would impose on our community, with the approval of a cannabis store at 5784 University Blvd. We ask that the UEL administration office strongly consider how the cannabis retail store aligns with the research and educational purposes on UBC, and how it will better serve the families, children and elderly in the area.

### Residents Relate How Rogue Dog Bit Baby

The Directors were shocked. They had just listened to a harrowing account of what happened to an 11-month-old baby some months before when the baby was approached by a dog, also a resident of campus, and bitten in the face. The facts were presented to the Directors of the University Neighbourhoods Association by the parents of the bitten infant. After hearing the shocking facts, the Directors voted unanimously to instruct staff to investigate why, years after foundation of the community of UBC residents, there was no legislation in place to prevent such incidents.



### Pacific Spirit Park Society Gathers Eagle Nest Data for Province-Wide Study

The bald eagle nest registry in the lower mainland is a province-wide program. The protection of nesting trees, and the trees in Pacific Spirit Park are very much a part of this program. Laura Cottle, program coordinator for Pacific Spirit Park Society (PSPS), asks, "Did you know that in the 763 hectares of beautiful Pacific Spirit Park, lying on the doorstep of our University Neighbourhoods, there are at least 10 pairs of nesting eagles? And did you know that the non-profit PSPS has an eagle nest monitoring program?"



## SEPTEMBER

### UNA is as Much a Municipality as the UEL, Says its Board in Letter to Government

From Richard Watson to Mr. Jillings: As agreed at the end of our meeting on September 1, I am writing to provide information on the UBC neighbourhoods in order to demonstrate that the neighbourhoods are as municipal-like as the University Endowment Lands (UEL).

### Sad Reality of Noisy Soccer Games Ruins Dinner at Home

I am loath to protest the exuberances of youth on a soccer pitch, but I fear that I must. I can handle the late-night games where a fair amount of "man on!" etc is shouted. I can somewhat handle the profanity of upset players at a "bad call" of some poor ref (but really, must they?). And I have personally gone out to the pitch and berated teams for using the gully between the pitch and the beach volleyball court as a private latrine (again...really? Are they not supposed to be gentlemen?)

### Celebrated Hall at UBC Will Again Hold Vast Array of Live Music

"Live music is back!" says Pat Carrabr , Director of the Chan Centre for the Performing Arts and UBC Music. "We are thrilled to announce a vast array of performances for audiences to choose from this fall as they return to the seats of the Chan Shun Concert Hall." "From emerging talents who demand our attention with their powerful voices, to local bands playing energetic Latin rhythms, to stellar student performances led by some of North America's most renowned music faculty—there is something for everyone.

### Annual Neighbours' Day Event Enriches UNA Community

After a one-year hiatus due to COVID-19, the annual Neighbours Day celebration (previously Barn Raising) enlivened Wesbrook Place on September 11, 2021. The festivities were scaled down compared to previous years' events, but it was a symbolic step toward a return to normalcy. Despite the rain, Neighbours Day offered a fun event for the community to gather and reconnect. 200+ people filtered through the three-hour event. Youth volunteers were busy making popcorn and despite the fall-like weather, people enjoyed popsicles and children played in the Game Zone and the sprinklers of the Splash Pad as a nod to the last few days of summer. The UBC Thunderbird Marching Band was a fantastic addition, providing live music both at the community centre and while marching through the neighbourhood. Residents commented on the joyfulness of the music and people emerged from their homes to enjoy the performance.



## AUGUST

### As Heat Dome Descends, UBC Rental Buildings Bake, Residents Roast

Nineteen UBC faculty and staff members living in seven buildings on campus have added their names to a report that states temperatures in the rental units in which they live were either uninhabitable or almost uninhabitable at times during the heat wave in June 2021.

### High School Students Are Wary of Going Back Into Classrooms

Last year's closures were met with mixed reactions. Some students were ecstatic at the prospect of an early summer break, while others were anxious about missing whole months of learning and falling behind the next year. While teachers made an admirable attempt to transition towards virtual classrooms, issues like our lack of access to technology and improper time management meant that many of us did not receive the education that we otherwise would have.

### Heating, Ventilation and Air Conditioning (HVAC) Team at UBC Takes Steps to Ensure We Can Breathe Easy

Over the past 18 months, learning, research, and work at UBC has been taking place remotely wherever possible. But one group of people has diligently stayed on campus to keep infrastructure humming: the team responsible for ensuring that heating, ventilation and air conditioning (HVAC) systems function properly.



## OCTOBER

### Neighbours Out Walking / Shopping Need Better Protection from Speeding Drivers

In light of the recent accidents in and around the South Campus neighbourhood, we wish to voice our concern for current safety measures in place for pedestrians and cyclists and call the community to action for more effective traffic-calming and safety improvements. As residents of Oakwood, which is a Village Gate Homes collection of townhomes located along Ross Drive in the Wesbrook Place neighbourhood, we represent a fair sample of UBC community residents. Collectively, we commute to campus for work, we send our children to neighbouring schools, and we shop and do business locally, either on foot or by bike.

### UNA Announces Record Number of Election Candidates

The University Neighbourhoods Association (UNA) has announced 13 of its members will compete for seven seats on its Board of Directors in the 2021 UNA Elections that will run from November 8 to November 30. This is by far a record-setting number of candidates. The availability of seven seats on the Boardroom is also a record.

### For First Time, New Board Will be Entirely Elected

The UNA has finally got the election underway for a new board of directors. This will be the first time that the board will be entirely elected, as opposed to carrying unelected appointees who were tied to the university administration and the student political elite on campus (neither group having direct residential involvement).

UBC Express & GO Station Brings New Convenient Way to Recycle On-Campus School is back in full-swing, and starting today, UBC students, faculty, staff, and residents of the UBC community and surrounding area can drop off their empty beverage containers, to be recycled at the campus' first Express & GO recycling station.



## NOVEMBER

### UBC, UNA, and UBC Properties Trust Unite in the Fight Against Climate Change

You may be aware that the 2021 United Nations Climate Change Conference, also known as COP26, recently took place in Glasgow. With climate change top of mind, you may wonder what actions UBC is taking in collaboration with the UNA and UBC Properties Trust to address the increasing frequency and intensity of climate events that are impacting our campus neighbourhoods and beyond.

### Truck Traffic Dangerously Heavy in Wesbrook Village: Letter to Editor

We live on Wesbrook Mall, which is a busy street: one articulated bus every 4 minutes; through traffic to/from UBC; heavy construction trucks; garbage trucks; outflow from the Village shopping all comes onto Wesbrook at Birney and most turns North; parents picking up school children; foot traffic of all ages; bicycles, scooters. Traffic calming and amelioration needs to be done now, rather than wait until there is a death or serious injury.

### UBC Remembrance Day Ceremony Returns to Gym as in-Person Event

After being turned into a virtual event by the pandemic in 2020, the Remembrance Day ceremony at UBC this year returned to its traditional roots at The War Memorial Gymnasium.

### Spending Time in Nature Promotes Early Childhood Development

Want to ensure your child hits their expected developmental milestones? New UBC research suggests living in areas with high exposure to greenspace can help set them up for success. For the study, researchers at the UBC faculty of forestry and faculty of medicine analyzed the developmental scores of 27,372 children in Metro Vancouver who attended kindergarten between 2005 and 2011.

# Fate of Basketball Court at UBC Fares Well One Day, Poorly Next

**Gerald Vanderwoude**

*Mr. Vanderwoude is a 20-year resident of UBC Campus—*

So it has been about 5 days since I have engaged in this process of objecting to the placement of a basketball court proposed by the UNA/UBC/UBC Properties Trust. I sat outside this past Saturday on the grass by the Development Permit sign with my little table and opposition documents and listened to various people who asked “why are you sitting outside?” etc. My goal was—at the very least—remind people of the narrow window of opportunity to provide feedback on the proposal (pro or con). I had some good conversations, some curious conversations and somewhat heated changes, where I have been asked “Well where would you put it? You can’t sit there and complain without providing solutions.”

And I came to a reflection about what this review process is doing. This project, touted as “community building”, is in fact doing the very opposite. A binary choice has been provided by Campus Planning and the UNA which has led members of this community to be trapped in a confrontational dialogue of “either you are for it or against it”. Hardly a moment of successful engagement.

“So why are you against basketball?” “Our teens have little to do, so why would you stop that?” has been asked of me. I stand

at the brink of being reduced to a “complainer” and in some ways, the spectre of NIMFYism is about to be applied to me. So what to do? Well, for starters, let me clarify some things.

**I am not against basketball and I am not against finding things for teens to do.**

**But I am against** lazy urban design, putting an activity which will cause real congestion, sound and traffic issues and lack of consultation with the community. I am also struggling with where to advocate for this activity when there is a community centre with the ability to offer basketball year-round (i.e.: even in the rain) and there is a high school within thirty feet of the community centre that also has a basketball court seldom used.

**I am against** having zero data on this idea of a basketball court: what is the demand, how often is the community centre not available for this, how many rainy days on average in Vancouver will allow this type of activity, how much will it cost, when was the community asked “would you like a basketball court”, etc. Having some actual data on what the demand is would be helpful in understanding the decisions. Having an understand of where this idea came from would be illuminating.

Here is what I do know: the suggestion is for an activity in an area already heavily congested with multiple competing (and not complimentary) activities. It will be loud and yes, it will be a collection point for individuals coming from parties in the

late hours (and sorry for those who say “I don’t hear anything.” I do and fairly routinely have to get up in the night to see what all the yelling is about).

And it is also **not** an idea for: a community garden (three year waitlist), a dog park, a green space (yes...it is that for now), a simple open field that provides calm in an area that has lots of traffic already, or perhaps an opportunity for indigenous landscaping -- which was actually here before this all showed up.

But it should not be up to me to come up with another location. It should not be up to me sit outside and ask people for their opinions. It should not be up to me to put up some pylons to show the community what is actually going to happen. It should be up to the UNA, Campus Planning and UBC Properties Trust. It breeds mistrust when you are not open and transparent and nothing about this is open or transparent. It does feel like a small group of interested parties got together, decided they were in charge and have the best ideas. Well...I don’t agree with this idea.

Knee jerk decisions illicit knee jerk responses. I myself was close to outraged at this idea on Wednesday when the email floated in saying this was happening. I have since sufficiently cooled my response, though not my resolve. This is, in my opinion the wrong approach, the wrong location and the wrong way to do things.

My second to last point on this is around indigenous engagement and how we ad-

dress this vital issue as we move forward in time. I struggled with placing this point at the top of my comments where it belongs, but I started with a personal perspective, and felt it would be best served here, above what I have to say about UBC, UBC Properties Trust (interesting word there) and the UNA. The UBC “decision makers” here need to engage in meaningful and substantive ways with Musqueam. I would like to know what steps and measures they have taken that support UBC’s Indigenous Strategic Plan as it relates to the ground upon which we find ourselves building anything, including basketball courts. This topic alone should most likely take up the majority of the “one hour” you have provided for “community feedback.”

UBC Campus Planning: you need to do better. You can’t just put one idea up on a board, tell people they have ten days to think about and one hour to comment. We don’t actually know or have any options. UBC Properties Trust needs to do better: don’t hide behind the banner of UBC so you can do what you want—you are running this operation and you need to own it. Stop doing the bare minimum and make an effort to have more than one consultation session and at an hour where most of the faculty and staff are able to attend from home (not in the middle of a working day). And don’t tell me you don’t own that part of the responsibility; you know you can do more.

And the UNA needs to do better - you represent all the stakeholders here. Show us, get out here and listen. Make it community engagement.

## Sharing an EV (Electric Vehicle) with Your Neighbours

I’ve wanted to own an electric vehicle for as long as I can remember. Early EVs had very limited ranges, didn’t go fast, and were expensive. I could imagine that they would be good around town or for commuting, but that wasn’t for me - I wanted to travel and go on road trips, go skiing and trail running. My usage pattern would be longer distances per trip, but generally low total kilometers in one year (perhaps 50% of the 15,000 km an average Canadian drives per year).

Fast forward to 2018, my children start pointing out the hypocrisy of using a petroleum consuming car, and the UN warns that we only have 12 years to limit climate change catastrophe. Time to reassess whether an EV could be in my family’s near future, specifically in terms of environmental impact and cost, and to see if there are any car sharing possibilities to reduce the cost.

Environmental impact: Manufacturing the batteries for an EV with a 400 km range costs us about 10 Tons of CO2 emissions. So the batteries are a problem, but once you include the emissions associated with BC Hydro electricity (about 2 g/km for an EV) versus a petroleum car (70 g/km for the most fuel efficient car, a Prius), in a full life cycle assessment, the numbers show that an EV overall does less harm to our environment. There is a nice video which illustrates this: <https://bit.ly/EV-emissions>

To get these benefits, the EV must displace petroleum car usage. And because you are effectively pre-paying the CO2 emissions up-front, it makes sense to think about amortizing the total CO2 emissions over the total lifespan of the car (say 160,000 km, the battery warranty provided by Kia in 2019).

Cost: I thought EVs, especially those with a long range, are expensive. In 2019, a new Kia Niro EV had a MSRP of \$54,000, while a Kia Niro hybrid was about \$35,000. If you include the BC, Federal and Scrap-It incentives, and the EV price is reduced by \$16,000; then considering gas and electricity prices in the comparison, we find that over its life (again, assuming 160,000 km), the EV will save us over \$10,000 compared to the hybrid.

Sharing: I really like the spirit of car sharing. While car shares like Evo, Modo, and Car2Go are great for around town, existing ones were not well suited for longer distance travel. Now, Modo is starting to offer EVs. Finally we also needed other special features not available in other shares: a roof ski box, and a wheelchair carrier.

Why not create our own EV car share with our neighbours? What framework would allow us to 1) maximize environmental benefit, 2) address scheduling conflicts, and 3) be cost effective?

We created the Dragon EV Car Share.



**A Dragon EV Car Share vehicle out on a road trip.**

Scheduling priority is based on CO2 emissions reductions. If two people want to drive the car, the trip that reduces the most CO2 emissions from the alternative (e.g., EV vs. other petroleum car or Evo car share) wins. This is a simple policy, and avoids conflicts. Example: person 1 takes an Evo downtown, while person 2 takes the EV to Bellingham.

Cost: first we find the total cost of the car during its life. This assumes an estimated lifetime (e.g., 160,000 km), and how many years it will take to get there (e.g., 10 years at 16,000 km per year). We calculate the total cost including purchase price, cost of borrowing (interest), insurance, maintenance, and electricity. In our calculation, that worked out to \$0.44 per km (slightly lower than Canada Tax Revenue’s \$0.58/km, and UBC’s 2013 policy of \$0.49/km).

We wrote a basic Android/iPhone App that includes a usage log (odometer entry) and keeps track of all costs and who owes who how much. It includes a calendar for reservations.

Charging has been much easier than anticipated. We applied for and received a British Columbia grant to install two Level 2 chargers for our apartment building. We also charge with a standard 120 V outlet. Finally, there are many free BC Hydro Level 3 DC fast chargers. Finding charging stations on road trips has been very easy using apps such as PlugShare.

More details about our experience at [fb.me/dragonevcoop](https://fb.me/dragonevcoop)

**Lukas Chrostowski**  
Hawthorn Neighbourhood