

CityStudio North Vancouver

YEAR 2 Report: Fall 2020 – Spring 2021

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CITYSTUDIO

NORTH VANCOUVER

What is CityStudio?

CityStudio North Vancouver is an experimentation and innovation hub where Capilano University students collaborate with City of North Vancouver staff and partners to co-create projects that make the city more vibrant, sustainable and healthy.

We are a member of the CityStudio Network, a global movement of cities working with post-secondary institutions for civic benefit. Through the co-creation of experimental projects, students gain employable skills and city staff receive support to advance strategic priorities in the community.

CityStudio North Vancouver collaborations and projects are created on the lands of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish) and səlilwətaʔ (Tsleil-Waututh) Nations.

HOW WE WORK



Letter from the Mayor

Mayor Linda Buchanan

We all want to live in a vibrant, connected, and welcoming community that supports our health. The COVID-19 pandemic has highlighted in new ways how at a local level we can support public health and wellbeing through co-creating people-oriented policy and infrastructure.

Over the past 15 months we have experienced a once in a century shift in how we imagine our cities. Leveraging this moment has given us an opportunity to consider all that is possible, rather than what is not. While we never dreamed of the circumstances we find ourselves in today, CityStudio has been the perfect conduit for the kinds of conversations and projects needed to support people in the community.

Now more than ever we need to find new ways to engage, connect, and harness the City's social capital. With innovative and collaborative programs such as CityStudio, communities can deepen their resiliency.

That is why I am so proud of the students, City staff, Capilano University faculty, businesses, non-profits, and other stakeholders that have come together in this way. I want to thank everyone who participated in this year's CityStudio for their hard work and for their dedication to our City. The projects created over the past year have been thoughtful, engaging, and meet this moment in history in every way. This has been a challenging year for everyone, and yet it has been a very successful year for CityStudio. My sincerest congratulations to you all.



Mayor Linda Buchanan

Letter from the President

Paul Dangerfield

CityStudio North Vancouver provides an opportunity for our students to explore and apply their knowledge and creativity towards a wide range of topics impacting our communities.

Celebrating its second year in partnership with the City of North Vancouver, CityStudio has grown significantly to encompass 26 course collaborations from all five of our faculties: Arts & Sciences; Business & Professional Studies; Education, Health & Human Development; Fine & Applied Arts; and Global & Community Studies.

Summarizing projects from Fall 2020 and Spring 2021, this report outlines the key aspects of the students' work over the past year. Highlights include two virtual project showcases, online dialogue and the development of new ways to collaborate and experiment through remote learning. The imaginative approaches in areas including pandemic-friendly public spaces and diversity, equity and inclusion showcase the opportunities for more collaboration between universities and municipalities.

While COVID-19 continues to impact our communities in ways we are still trying to understand, we are embarking on a world that is opening up as more people are vaccinated every day. I look forward to the new and extraordinary ideas that will come from this initiative in the future.



CapU President Paul Dangerfield

CityStudio: How it Started

In 2010, the City of Vancouver put a call out for ideas to help reach its goal to become the greenest city in the world. Dr. Janet Moore and Duane Elverum answered with their vision: a school in which the city is the classroom and experience is the teacher. The CityStudio model of city-campus collaboration was created in 2011 with founding partners City of Vancouver and Simon Fraser University. The movement has since grown to reach cities across Canada and around the world.

In May 2017, Carol Aitken, co-coordinator of the IDEA Bachelor of Design at Capilano University attended Art of Cities, a conference where attendees learn to build and launch their own CityStudio. In 2019, the City of North Vancouver council unanimously approved a strategic plan to become the “Healthiest Small City in the World,” just as CapU refined its vision to become a community-based university with an emphasis on experiential learning.

On April 30th 2019, City of North Vancouver Mayor Linda Buchanan and Capilano University President Paul Dangerfield signed a Memorandum of Understanding (MOU) launching the CityStudio North Vancouver pilot, a one-year partnership to launch and test CityStudio North Vancouver. In Fall 2020, based on the success of the pilot year, the City of North Vancouver and Capilano University signed a 3-year MOU to continue the initiative.

CityStudio North Vancouver in Numbers: Year 1 & 2: Fall 2019 – Spring 2021

Collaborations	Projects	Students	Staff	Faculty
38	295	881	35	23

CityStudio Lexicon

Opportunity	A question or challenge posed by municipal staff to address and/or support a municipal initiative.
Course Collaboration	A partnership between an instructor and one or multiple municipal staff.
Project	A deliverable or idea developed and/or tested by a team of students (or an individual student) to address the opportunity via the course collaboration.
Showcase Project	The student project(s) selected to be shared at the end of term showcase in order to represent each course collaboration

Year 2: Fall 2020 – Spring 2021

In its second year, CityStudio North Vancouver, along with the rest of the local and global community, faced unprecedented challenges brought on by the COVID-19 pandemic: uncertainty, fear, isolation.

But with these challenges came unexpected opportunities.

This year has been about innovation on all fronts. Innovation in community building, teaching, learning and even in how CityStudio operates in the world.

Students were asked to grapple with some of the most urgent questions posed by community leaders. Instructors experimented with new forms of digital engagement. Partners worked across silos to tackle complex challenges.

Without the freedom to explore the City as a “studio,” the initiative’s impact relied on the strength of the relationships that sustain it. With a window into peers’ living rooms, new forms of connection emerged. Everyone displayed outstanding adaptability in this collective improvisation. Let’s celebrate!

(Photo: Capilano University)

2020-2021: Year 2 in Numbers

	Fall 2020	Spring 2021	Total
Course Collaborations	12	14	26
Faculty Partners	10	12	19
Staff Partners	11	17	24
Students	236	289	525
Projects	87	109	196

Fall 2020 Course Collaborations Summary

1. How might we design multi-functional micro-mobility facilities that benefit the community as a whole?

City Council Priorities:	Liveable City, Connected City
Community Plan Goal:	Prioritize walking, cycling, transit and goods movement over single-occupancy vehicles (2.1)
Department:	Engineering
Course:	APSC 140 (Engineering Design)
Instructor:	Banda Logawa
Staff Partners:	Christopher French & Natalie Corbo (City of North Vancouver)

Students developed and prototyped innovative design solutions to help make micro-mobility facilities (e.g. ebike stations) more useful and beneficial to diverse members of the community, including people who might not use such micro-mobility devices. Each group focussed on a hypothetical location in the City of North Vancouver and proposed technical design solutions that would reflect the needs of stakeholders of that neighbourhood (e.g. residential versus commercial).



HUBBUB Showcase Project: Free-E-Bikes

Our goal for this project was to create a shared electronic bike shelter that was as eco-friendly as possible as well as being an asset to the community with amenities such as bench seating on the sides, and personal charging docks for electronic transportation, and helpful public transport information displayed on an interactive kiosk.

Team:

Mirco Guida, Cameron Taylor, Nyasha Kanyumwa

2. How might we monitor the use of public space in an efficient and accurate way?

City Council Priority:	City for People
Community Plan Goal:	Enhance and expand on the development of a well-planned mix of cultural facilities and creative community spaces (6.2)
Department:	Engineering
Course:	APSC 140 (Engineering Design)
Instructor:	Banda Logawa
Staff Partners:	Mikale Fenton, Wai-Lin Chee (North Vancouver City Library)

Keeping track of how people use public space is an important metric that helps to inform decisions around programming and design. This need has become increasingly important as a result of COVID-19, with new restrictions placed on building and space capacity for safe physical distancing.

Students will learn about the methods currently used by the North Vancouver City Library to track the number of people entering, exiting and circulating in the Library building. They will then develop and prototype innovative design solutions to support the Library's efforts to measure and monitor how different spaces are used.



HUBBUB Showcase Project: RoomReader

RoomReader provides a live floor-by-floor, room by room breakdown of where people are in a public space, and stores the data for future analysis. RoomReader will help monitor occupancy in a public space.

Team

Connor Johst, Taylor Hillier, Duncan Ford

Project Updates

Further research opportunities to develop the RoomReader device are being explored by the Engineering department with support from the CapU Co-Lab team, the CARS office, the North Vancouver City Library, the City of North Vancouver and the Beans on 5th coffee shop.



3. How might we foster safe communities for diverse populations?

City Council Priority:	City for People
Community Plan Goal:	Safeguard the community and protect life, property and the environment (3.2)
Departments:	Criminology
Courses:	Surveillance & Social Control (CRIM 202)
Instructors:	Sarah Yercich
Staff Partners:	Sergeant Peri Mainwaring, Corporal Zaheer Abdulla, Constable Jaspreet Chohan (North Vancouver RCMP)

CRIM students will select an issue relevant to the RCMP and conduct a strengths-based environmental scan on the role of different agencies in addressing that issue, with a focus on diversity, cultural and language barriers, and relationships with minorities as they relate to RCMP activity in the community.



HUBBUB Showcase Projects: Tiny Homes, Modular and Peer-Led Housing

The purpose of our project is to help create and reintroduce individuals who have been displaced back into society. Through interactive and helpful programs within the peer led housing community, individuals will make ethical efforts to better their lives.

Team

Philip Afanasev, Sidelle Javelosa, Aaliya Noorani

LGBTQ2SA+ Community

In order for the relationship between the RCMP and the LGBTQ2SA+ to strengthen, regular communication must be present. Ways for LGBTQ2SA+ voices to be heard is important for those outside of the community to understand what is going on within. This allows the RCMP to assist the community in areas that are needed most.

Team

Ian Lau, Carmen Taylor and Mackenzie Smith.



4. How might we foster safe communities for diverse populations? (Continued)

City Council Priority:	City for People
Community Plan Goal:	Safeguard the community and protect life, property and the environment (3.2)
Departments:	Business Administration
Courses:	Business and Society (BADM 460)
Instructors:	Laurie Prange Martin
Staff Partners:	Sergeant Peri Mainwaring, Corporal Zaheer Abdulla, Constable Jaspreet Chohan (North Vancouver RCMP)

BADM students will create stakeholder engagement plans in which they will suggest innovative ways to engage with different stakeholders implicated in the question of social chronic offenders.

CRIM students will select an issue relevant to the RCMP and conduct a strengths-based environmental scan on the role of different agencies in addressing that issue, with a focus on diversity, cultural and language barriers, and relationships with minorities as they relate to RCMP activity in the community.



HUBBUB Showcase Projects: Mobile Detox Unit

The MDU provides on-site detox services as well as offering information and connections to further rehabilitation services.

Team:

Cody Norton Steeple, Liam Stock, Valentina Ripanu

Guiding Lights

Our recommendation is to develop a peer mentorship program to aid social chronic clients in identifying and navigating the appropriate programs available to them through the CMHA and ultimately find employment.

Team

Kirsten Marr, Sam Uppal, Jacqueline Pilcher



5. How might we engage with place-based representations of (de)colonization?

City Council Priority:	Vibrant City
Community Plan Goal:	Respect the City's history by maintaining and enhancing connections to the past (6.4)
Department:	Early Childhood Care and Education
Course:	Caring & Learning in Early Years Settings (EDUC 178)
Instructor:	Elaine Beltran-Sellitti, Tahmina Shayan
Staff Partner:	Carol Ballard (North Vancouver Museum & Archives)

Students will experience and respond creatively to a historical or contemporary landmark/monument/place that makes sense of, or disrupts, official narratives of colonization and oppression of places and identities.

HUBBUB Showcase Projects:

Connection, by Shuo Ma

I want to make my art to emphasize the meaning of connection. The connection can be an association between my identity and my social locations. Each nail represents a different experience or social category, and a complex interweaving of threads connects these nails to form the final piece, which is, like my identity, complicated.



Strength & Remembrance Pole Raising, by Mahsa Shahbazinia

With my painting, I want to convey to the audience that humans are vastly different from one another and their differences can support the overall progress of human society. However, the pillar of this progress is based on equal behavior of people with each other, and having acceptance and respect toward diversity.



Postcards of the past, by Sanali Ratnaweera

A visual essay inspired by the Postcards of the Past public art piece in North Vancouver.



6. How might we foster connection with older adults in times of physical distancing?

City Council Priority:	City for People
Community Plan Goal:	Support the independence and well-being of older City residents (3.5)
Department:	School of Kinesiology, School of Global Stewardship
Course:	Contemporary Health Issues (HKIN 162), Global Stewardship Seminar III: Preparing for Group NFP Volunteering (GLBS 200)
Instructor:	Kyle Guay, Bridget McClarty
Staff Partners:	Annwen Loverin (Silver Harbour Centre), Heather Evans (City of North Vancouver)

GLBS students will develop and test an outreach strategy to raise awareness about the Kindness Cards initiative and increase participation in the community.

HKIN students will participate in the Kindness Cards initiative using the provided template or creating their own. They will then complete a personal reflection about their experience participating in the initiative and ideas on how they would make the initiative more engaging for other potential participants. This portion of the collaboration was continued in Spring 2021.



HUBBUB Showcase Project: Kindness Cards Outreach by Katie Shard

The goal of the Kindness Cards project is to bring seniors a sense of support from the community. My contribution to this project has been recruiting members of the community to create cards. I have been working with various units from Girl Guides of Canada, as well as some high schools, daycares and preschools on the North Shore. I have successfully gathered participants from these groups who are currently enthusiastically making cards.

7. How might we support the mental health of the community via decolonized media?

City Council Priority:	City for People, Vibrant City
Community Plan Goal:	Enhance well-being and quality of life for all community members (3.1)
Department:	Indigenous Digital Filmmaking, Psychology
Course:	Introductory Documentary (IDF 127), Research Methods in Psychology (PSYC 212)
Instructor:	Gregory Coyes, Douglas Alards-Tomalin
Staff Partners:	Anne Rodgers (North Vancouver Recreation & Culture Commission), with support from Erin Black (Vancouver Coastal Health)

Slow Media is a form of decolonized media that harvests the natural landscape and shares it with community. IDF students will create Slow Media programs from around the North Shore. These programs will be shared with the broader community via partner networks and PSYC students will carry out surveys to measure the impact of Slow Media on viewers' mental health.



HUBBUB Showcase Projects: Waterfall Slow Media, by Colton Cardinal

This Slow Media program was created by Colton Cardinal in North Vancouver as part of a Indigenous Digital Filmmaking class.

Slow Media and Wellbeing

This past term, we have conducted a study using surveys to test subjective positive and negative emotions before and after one of our two stimuli's; which are slow and fast paced media films. We tested this because if positive findings were significant, we could share this with our community to raise awareness on the positive psychological effects of slow media.

Team

Charity Champagne, James Chan, Kimberley Karstunen, and Joshua Purdy



8. How might we measure the impact of public space interventions?

City Council Priority:	Vibrant City, Prosperous City
Community Plan Goal:	Provide a variety of public spaces for community engagement and stewardship (5.3)
Department:	School of Tourism Management
Course:	Research Methods and Applications in Tourism (TOUR 327)
Instructor:	Francisco Nogueira
Staff Partners:	Leah Herman (City of North Vancouver)

Quantifying the impact of public space interventions can be challenging; yet, it is valuable to help inform where the City invests its budget and builds capacity. Students will develop a set of measurement criteria and research methods to evaluate the impact of a [Container Parklet](#), a newly introduced placemaking intervention that is part of the larger [Open Streets](#) initiative and the municipality's response to the Covid-19 pandemic. The students will then carry out their research project and report back on preliminary findings regarding the community's response to the container parklet.



HUBBUB Showcase Projects: Impact on Community

The aim of this research was to gain insight into how the container parklet is perceived by community members. The study focused on determining how users are interacting and engaging with the parklet, including the length of time typically spent and what services were used.

Team

Chaeyoung Hong, Fardin Sididky, Marian Chung, Stef Carlson, Xiaotong Zhao

Impact on Businesses

The purpose of their research was to learn the effects that the container parklet at Lonsdale and 17th Ave has on the surrounding businesses. The City of North Vancouver wanted them to dive into what the businesses actually thought about the parklet.

Team

Victoria Bohl, Kirsten Chan, Kurt D'Souza, Daniela Kuri & Melissa Phillips



9. How might we measure the impact of the Alcohol in Public Spaces Pilot?

City Council Priority:	Vibrant City, Prosperous City
Community Plan Goal:	Provide a variety of public spaces for community engagement and stewardship (5.3)
Department:	School of Tourism Management
Course:	Applied Research in Tourism (TOUR 440)
Instructor:	Francisco Nogueira
Staff Partners:	Paul Duffy (City of North Vancouver)

The COVID-19 pandemic is having a significant impact on our experience navigating the city and our ability to socialize. In response, Mayor and Council passed a bylaw [allowing alcohol consumption](#) at 10 designated locations in the City of North Vancouver. Tourism students will develop research methods to measure the impact of this pilot program on the community.

HUBBUB Showcase Project: Alcohol in Public Spaces Research



On June 1, 2020, the North Vancouver Mayor and Council passed a bylaw allowing alcohol consumption at specific public locations in the City of North Vancouver. This progressive measure was in effort to ease both the economic difficulties faced by food and beverage businesses, as well as provide a safe outdoor social setting for local residents. As student researchers, we assessed the impact of this pilot program on local businesses with the goal of reporting back to CityStudio and CNV.

Team

Laura Choo, Iggy Lao, Jon Coulthard

SPRING 2021 Course Collaborations Summary

1. How might we create opportunities for diverse representation among Fire Department employees?

City Council Priority:	City for People
Community Plan Goal:	Enhance well-being and quality of life for all community members (3.1)
Department:	Business Administration
Courses:	BADM 466 (Managing Change) BADM 335 (Workplace Learning, Development and Design)
Instructors:	Erin Robinson; Nancy Nowlan
Staff Partners:	Chief Greg Schalk (Fire Department), Corinne Nichols (City of North Vancouver)

BADM 335 student groups will conduct research and create videos that help inform the Fire Department (internally) on barriers, beliefs and experiences that may impede the participation of diverse populations in the recruitment process. To create these videos, students may interview people in the target demographics (e.g. young adults who did or did not choose a career in firefighting), subject matter experts, and existing firefighters.

With help from the videos created by BADM 335 students, BADM 466 student groups will assess Fire Department systems, policies and processes. They will research and develop recommendations and strategies for the Fire Department to create opportunities for a more diverse workforce, as well as ways to prepare for this emotional and functional change within the organization.



HUBBUB Showcase Projects: Assessing Diversity

This class conducted interviews among the target demographic to gain insight into barriers.

Class Representatives:

Jacob Butler, Daniella A Manetta

Reposition, Collaborate, Diversify

Our project consists of repositioning NSFS, collaborating with institutions, and diversifying locally.

Team:

Karen Ha, Brooke Lightburn, Aleksandra Bjelica, Kris Gibb, Verna Wang



2. Research and proposals for environmental sustainability in the City.

City Council Priority:	Liveable City
Community Plan Goal:	Measure, maintain and improve long-term ecosystem health (3.1)
Department:	Biology
Course:	BIOL 105 (Environmental Biology)
Instructor:	Rachel Clearwater; Michelle Gunness
Staff Partner:	Clare Husk (City of North Vancouver)

Students will select a topic from the proposed list of environmental topics that are relevant to the City of North Vancouver and research an existing project or initiative related to that topic, then propose a new idea / initiative that could be applied to support the City of North Vancouver's goals.

Topic areas include: Sustainability in film; Zero waste community events; Diesel generators in film; Wildfire management; Invasive species management; Urban agriculture; and Circular economy.



HUBBUB Showcase Project: Implementing a Green Roof

A proposed green roof retrofit to a north shore public high school with a more energy efficient profile that compounds as a biome restoration effort in the local region as well as earthquake structural stabilizing.

Team:

Austin Cove, Benjamin Tomkins, Bradley Ellis,
Geri Larosa

3. How might we raise awareness of the HUBBUB digital showcase in the wider community?

City Council Priority:	Vibrant City
Community Plan Goal:	Support a wide range of arts and cultural activities (6.1)
Department:	Communications
Course:	CMNS 495 (Public Relations)
Instructor:	Jane Ince
Staff Partner:	Adele Therias (CityStudio North Vancouver)

One team of students will develop and carry out a public relations strategy to raise awareness of HUBBUB #4 among CapU students, North Vancouver residents, and neighbouring municipal staff.



HUBBUB Showcase Project: HUBBUB PR Campaign

This project was created to raise awareness of the HUBBUB digital project showcase. The campaign consisted of social media marketing and community relations initiatives to boost engagement levels.

Team:

Karen Ha and Kiona Graham

4. Research and ideation to address topics currently addressed by the North Vancouver RCMP.

City Council Priority:	City for People
Community Plan Goal:	Safeguard the community and protect life, property and the environment (3.2)
Department:	Criminology
Course:	CRIM 101 (Introduction to Criminology)
Instructor:	Sarah Yercich
Staff Partner:	Sgt. Peri Mainwaring, Cpl. Zaheer Abdulla + 7 mentors (North Vancouver RCMP)

Each student group will work with one mentor to address a research question that is relevant to their portfolio, conduct an environmental scan and/or propose new ideas to address these topics in the North Vancouver community. Topics include: Police Uniforms for Mental Health Intervention, Substance Abuse Education, Engaging with skateboarders at the Shipyards, Does Compstat reduce crime?, Mail Theft Reduction, Women's Personal Safety Workshop, Relationship-building between Indigenous and Non-Indigenous Residents, Decriminalization of Possession of Drugs, and Social Media and Sexual Exploitation.



HUBBUB Showcase Project: HUBBUB PR Campaign

The goal is to create an initiative to develop more cultural awareness towards the Indigenous population within the community. This project aims at reducing discrimination and encouraging multiculturalism within North Vancouver.

Team:

Alanya Davignon, Erika Burt, Roxana Sanat

5. How might we use sound to tell the story of public art?

City Council Priority:	Vibrant City
Community Plan Goal:	Support a wide range of arts and cultural activities (6.1)
Department:	English
Course:	ENGL 338 (Literature & Media)
Instructor:	Brian Ganter
Staff Partner:	Lori Phillips (North Vancouver Recreation and Culture Commission)

Students will select an existing public art piece in the City of North Vancouver and develop short sound-based creative responses or commentary ("soundbites") that help to tell the story about the work. Students may engage with artists and other stakeholders to inform and create their soundbites with the support from Lori for introductions. The deliverables may be used by the Public Art Program via a website and/or QR code platform following the conclusion of the term.



HUBBUB Showcase Project: HUBBUB PR Campaign

The Lady is an audio companion piece for Myfanwy MacLeod's statue of the same name. The soundscape depicts the strange but true journey of 38 camels from Mediterranean all the way to British Columbia. We tried to build up ambience in a way that would reflect the camels' perspective as they endured this incredible voyage. Our group traveled to various locations around North Vancouver to collect sounds of different environments.

Team:

Dawson R Heistad, Spencer Zimmerman, Braiden Van Grootel

6. How might we incorporate an equity and health lens into the upcoming Environment Strategy?

City Council Priority:	City for People; Liveable City
Community Plan Goal:	Engage the community to promote more sustainable behaviours (4.3)
Department:	Geography
Courses:	GEOG 316 (Climate Change: From Science to Sustainability)
Instructors:	Cheryl Schreader
Staff Partners:	Bo Ocampo, Larisa Lensink, Caroline Jackson (City of North Vancouver)

Students will review action areas of the new Environment Strategy and research / develop ideas on how to address health and equity considerations and impacts when pursuing these actions.



HUBBUB Showcase Projects: Cultural Exchange Kitchen

To be a successful community garden, gardens must be more than of a space for growing food. It has to be an essential part of the local community, offering opportunities for people to engage with each other and facilitating neighborhood resiliency through knowledge and resource sharing.

Certain demographics like young immigrants, international students, and foreign workers may face barriers knowing about community garden, or projects that their local community is running due to different barriers. With that being said, I focus mainly on developing a project that serves three primary criteria: raising awareness about community garden, sharing knowledge in gardening, and attracting newcomers in the local community.

Team:

Anh Vu Ngoc Van



7. How might we engage and educate young adults on fire safety?

City Council Priority:	City for People
Community Plan Goal:	Enhance well-being and quality of life for all community members (3.1)
Department:	IDEA School of Design
Courses:	IDES 244 (Design Studio)
Instructors:	Tom Duguid
Staff Partners:	Assistant Chief Dave Owens, Rebecca Hathaway (Fire Department)

Students will develop and design a campaign that engages and educates young adults (~16-25) about fire safety. Students will research and select innovative methods and platforms for delivery based on the platforms currently available to the Fire Department as well as additional “blue skies” strategies that go beyond current resources.



HUBBUB Showcase Projects: Social Media Rebrand

A social media rebranding for the North Vancouver City Fire Department to allow them to create connections with a new target audience of teenagers and young adults to educate them about fire safety.

Team:

Megan Barry, Jamie Kusack

Freddy the Fire

We created a campaign with a lovable firey mascot named Freddy as the face of it for the North Vancouver Fire Department. He is here to gain sympathy and create awareness for fire safety hazards and fire prevention for students in their mid-teens to mid-twenties. Our campaign consists of a series of playful, informative posters to be placed in areas frequented by students like public transit stops as well as animated Instagram stories.

Team:

Amanda Wong, Kathrin Teh, Michelle Viet



8. How might we engage and educate the community on invasive species management?

City Council Priority:	Liveable City
Community Plan Goal:	Measure, maintain and improve long-term ecosystem health (4.2)
Department:	IDEA School of Design
Courses:	IDES 244 (Design Studio)
Instructors:	Tom Duguid
Staff Partners:	Frances Ramsay (City of North Vancouver)

Invasive plants are taking over public parks and outcompeting native species. Many of these invasive plants are still found in many residents gardens, and reproduction of these plants combined with illegal dumping is increasing the amount of invasive plants found in parks. Unless considered a noxious weed (Knotweed and Hogweed species), many of these invasive plants are also still available for sale in stores and nurseries.

Students will develop and design a campaign that engages and educates park users, residents, business owners, developers, and/or gardeners about invasive species.



HUBBUB Showcase Projects: #PICKME

To combat the ongoing invasive plant species crisis faced by North Vancouver, we created the awareness campaign, #PICKME. This campaign not only educates the community—including local plant nursery owners—on the harmful nature of invasive species, but also encourages smarter and safer plant purchases from local nurseries. Through personification, wit and boldness, #PICKME reaches a large demographic, which increases the chances of widespread change occurring.

The campaign's collateral elements include an educational social media account that utilizes personification as means of communication, eye-catching and memorable multimedia posters and proactive seed packets for BC native plants. Individually, each element connects back to the campaign's core message of stopping the spread of invasive plant species while highlighting a smarter option.

Team:

Margaux Worrall, Mia Canderan, Michelle Taylor



9. How do community members perceive COVID-19?

City Council Priority:	City for People
Community Plan Goal:	Measure, maintain and improve long-term ecosystem health (4.2)
Department:	Psychology
Courses:	Research Methods (PSYC 212)
Instructors:	Dr. Douglas Alards-Tomalin
Staff Partners:	Heather Evans (City of North Vancouver); Mikale Fenton (North Vancouver City Library)

Two groups of students are conducting research on the experience of community members regarding COVID-19.

HUBBUB Showcase Projects: Breathing to Manage Anxiety



This study aimed to test the effectiveness of a mindful breathing technique on COVID-19 related stress. We predicted that those who were exposed to the mindful breathing exercise would score lower on the anxiety questionnaire compared to the control group. Our hope is to provide insight on resources in mindfulness activities for the city in hopes that it can help individuals reduce anxiety.

Team:

Tavia McQuay, Hannah Young, Ruby Erck,
Samantha Huevo, Harsimar Kaur

10. How might we animate public spaces in times of physical distancing?

City Council Priority:	Vibrant City
Community Plan Goal:	Support a wide range of arts and cultural activities (6.1)
Department:	Tourism Management
Courses:	Heritage, Cultural and Arts Planning for Tourism (TOUR 227)
Instructors:	Chris Carnovale
Staff Partners:	Magda Kwaterska (City of North Vancouver) with support from Laurel Lawry and Terry Hood (MONOVA: Museum of North Vancouver)

In light of recent shifts in tourism and programming possibilities due to COVID-19, the CNV is looking to introduce innovative forms of programming to engage the community in the Shipyards area and facilitate unique experiences, placemaking opportunities and connection to the new Museum of North Vancouver location on West Esplanade. Students will research, develop and propose creative forms of programming for existing outdoor spaces that address these goals.



HUBBUB Showcase Projects: Lower Lonsdale Loop

Our team designed an art piece that will pay homage to the history of the Shipyards as it has changed and grown along with the community. The design will create a path that will guide locals and visitors around points of interest such as art gallery shops and lookout points.

Team:

Tara Dacheck, Alejandro Orozco, Rayne Mackenzie

Augmented Reality

Augmented Reality is an AR app which replaces the colonial and industrial structures of the Shipyards with rendered natural images of the North Shore pre-colonization.

Team:

Devan Balcombe, Natalie Marcha, Julia Santana Moili



11. How might we engage young adults in the new Monova (Museum of North Vancouver) location?

City Council Priority:	Vibrant City
Community Plan Goal:	Support a wide range of arts and cultural activities (6.1)
Department:	Tourism Management
Courses:	Project Management (TOUR 435)
Instructors:	Kara Walker
Staff Partners:	Stephen Irving, Pamela Robertson, and Carol Ballard (MONOVA: Museum of North Vancouver)

One team of students will develop a project to engage young adults in the new location of Monova in the Lower Lonsdale neighbourhood.



HUBBUB Showcase Projects: Accessing and engaging a younger demographic

We developed three deliverables for MONOVA: a Social Media Strategies Report, to show how to successfully target young people. Then, we created a youth engagement initiative called Young Voices for local youth to benefit and connect with opportunities at the Museum. And lastly, we developed an Immersive Sensory Experience which is an interactive attraction for youth that fits with COVID restrictions.

Team:

Abigail Sorensen, Melissa Phillips, Rachel Grills, Laura Choo, Daniela Kuri, Jordan Oslic



Studio Moments: Students in the Community

Virtual Parklet Tour

In September 2020, Leah Herman introduced students to the new container parklet on Lonsdale Avenue. Two student teams from Francisco Nogueira's Research Methods and Applications in Tourism class (TOUR 327) conducted surveys to better understand the impact of this placemaking intervention on the local businesses and residents. In light of the pandemic, this first visit was hosted virtually, complete with a guided video tour of the location!



(Photos: Capilano University)



Library Site Visit

In October 2020, a group of students from Banda Logawa's Engineering Design class (APSC 140) were invited to the North Vancouver City Library for a site visit. Mikale Fenton and Wai-Lin Chee gave them a tour of the building and the team took measurements and photographed various spaces to inform their project – a device to track building occupancy in pandemic times.



(Photos: North Vancouver City Library)



(Virtual) Field Trip to the Shipyards

In spring 2021, students from Chris Carnovale's Heritage, Cultural and Arts Planning for Tourism class (TOUR 227) were guided through an exploration of the Shipyards area. With support from MONOVA, CapU Lonsdale, CapU Continuing Studies and the Lower Lonsdale Business Improvement Association, Chris assembled a virtual exploration of the area. Students were also invited for an in-person visit of the neighbourhood. These field trips helped students formulate proposals for events or installations that would engage the community during times of physical distancing.



(Photos: Adele Therias; Capilano University)



Outside the New Museum

In February and March 2021, a group of students from Kara Walker's Project Management class (TOUR 435) visited the area surrounding the upcoming MONOVA: Museum of North Vancouver location. Understanding the context and experiencing the site was key in shaping the outreach strategies they developed to invite young adults into this new community hub.



(Photos: Capilano University; Laura Choo)



HUBBUB #3 & #4

HUBBUB is a celebratory showcase during which students, City staff, elected officials and university faculty members connect and learn about each-other's work. At the end of each term, the most creative and exciting projects generated from CityStudio collaborations are displayed, and visitors can vote for their favourites. A judging panel selects the most impactful, relevant and promising project. Its goal is to share the outcomes of collaborations beyond the classroom and with the broader community.

Given the ongoing pandemic, the project showcases were held virtually this year. The HUBBUB #3 Digital Project Showcase launched on December 17, 2020, and HUBBUB #4 was launched on April 29th 2021. Both events took place on an event platform called Pheedloop and showcased projects from across the university.

“Overall, HUBBUB is an incredible event for anyone who partakes, where community members, university faculty, students, and city representatives get the opportunity to see how Work Integrated Learning can be beneficial for students, businesses, and the city that they live in.

Jonathan Coulthard CityStudio Alum & Research Assistant

HUBBUB in Numbers: YEAR 2

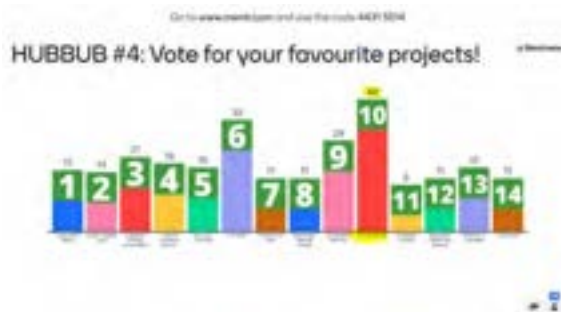
	HUBBUB #3	HUBBUB #4	Total YR. 2
Showcase Projects	15	15	30
Showcase Student Presenters	24	28	52
Total Attendees	120	130	250

HUBBUB FEEDBACK!



“ I had that lovely sense of wondering around a showcase, even if it was on a virtual platform. Loved the idea of the inspiration station as a way for everyone to share what matters to them in their city.

HUBBUB #4 Attendee



“ The accessibility for me and others to attend and showcase projects and proposals is unparalleled. [...] The web formatting was superb with very easy to follow instructions and guides for navigating on the website which felt very active and alive.

HUBBUB #4 Attendee

“ It was very inspiring to see how the presenters and CityStudio came together to ensure the continual success of the event with the new virtual restrictions. It was a challenging time, but everyone seemed to pull off what had initially seemed to be impossible.

Yen Yuen

HUBBUB Volunteer & CapU Employee



“ The zoom meetings gave us the opportunity to interact with various people, which helped us to gain perspective on our research. It was a time of reflection and learning for me, even though I was there to share my research it was really a space for discussion!

HUBBUB #3 Showcase Student



The Virtual HUBBUB Experience

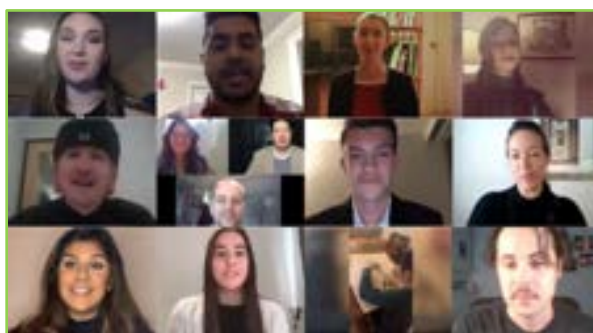
It is an average Thursday morning and you are working from your home office. You just sat down with your cup of coffee when you receive an email reminder: HUBBUB is today! Intrigued, you click on the link and login to the showcase platform. You arrive in the virtual lobby, where you are instructed on how to explore the features of the showcase.

At 10AM, a volunteer invites you to watch the HUBBUB Launch session, a pre-recorded video created by CapU's Marketing and Digital Experience team. During this session, Adele Therias, the CityStudio North Vancouver Project Lead, describes some of the ways in which the initiative has adapted to remote learning. Mayor Linda Buchanan explains how the collaborations have contributed to addressing current challenges. Capilano President Paul Dangerfield emphasizes the importance of innovation and creativity at this time.

A quick glance tells you that over 90 people are currently watching alongside you, and a stream of comments is popping up as attendees share their excitement. You recognize many names and send a private message to a colleague that usually works right next to you at the office. It has been a while!

Throughout the rest of the video, you hear from CityStudio staff and faculty partners about the challenge or opportunity they presented to students at the beginning of term. They explain the context and describe the goals of each collaboration. Screenshots and recordings from CityStudio presentations, dialogues and virtual fieldtrips allow you to observe how the initiative continued to foster meaningful collaboration between students, partners and instructors in a time of remote learning. At the end of the session, you are invited to explore the showcase to discover the ideas that students developed in response to these opportunities.





You visit the “Showcase” page where you scroll through a diverse array of projects. At each booth, you can watch a 1-minute pre-recorded pitch that summarizes the students’ work, view their final deliverables, and share comments and questions in the live chat. Students invite you to join their Zoom video call, where you can connect face to face. One group of students shows you the 3D model of their design, and you are amazed to see their ideas come to life! You make a note to follow up on this idea...

Inspired by all these projects, you start to imagine how some of your own work might benefit from student insight and creativity. Luckily, there is an “Inspiration Station” set up for you to capture them. You write several thoughts on virtual sticky notes and add them to the shared board. You can see the cursors of other contributors moving as they add their own ideas, and you send a message to one attendee whose work sounds fascinating.

At 11:45 AM, a volunteer reminds you to join the HUBBUB Wrap-Up Session. In real-time, all attendees are invited to vote for their favourite projects. It’s not an easy choice, but you are excited when the winning team is announced – that project was your favourite! Next, you meet the Panel of Judges: each member announces one winning project from the showcase and reflects on “what’s sticking with them” from this experience. It is fascinating to hear about the various ways in which partners benefit from the impact of CityStudio. Attendees share emoticons and comments to congratulate the students on their achievements, and the host wraps up the session by sharing some closing remarks. When the session ends, you head over to your inbox to follow up with some of the inspiring innovators you have just met. Time to get to work!

HUBBUB #3 Winners!

First Place: Alcohol in Public Spaces Research

In order to evaluate the impact of the Alcohol in Public Spaces pilot program, Laura Choo, Iggy Lao and Jon Coulthard designed a research study and gathered insight from local business stakeholders. The team interviewed representatives from twelve businesses in the Lower Lonsdale area and developed recommendations to guide the future of the newly implemented bylaw to better serve the community.



Second Place: Mobile Detox Unit



(Photo: Capilano University)

Valentina Ripanu, Cody Norton Steeple and Liam Stock developed the idea for a Mobile Detox Unit (MDU): a mobile engagement tool that could be used by the North Vancouver RCMP to reach Socially Chronic Clients (SCCs) on the North Shore. The MDU would provide on-site detox services as well as information and connections to further rehabilitation services. It offers a proactive approach to assisting SCCs to become functional members of society.

Third Place + Audience Choice: RoomReader

When asked to develop a method to track building occupancy in the North Vancouver City Library, Taylor Hillier, Connor Johst and Duncan Ford developed RoomReader. The sensor utilizes sonar to keep track of people as they move through public spaces without storing any identifying data, allowing for citizens to keep a social distance between one another while maintaining their privacy. RoomReader provides a live floor by floor, room by room breakdown of where people are in a public space.



HUBBUB #4 Winners!

First Place: Lower Lonsdale Loop

In order to activate the Shipyards area during times of physical distancing, Tara Dacheck, Alejandro Orozco, Rayne Mackenzie designed an art piece that pays homage to the history of the Shipyards as it has changed and grown along with the community. The design involves a path that guides locals and visitors around points of interest.



Second Place: Cultural Exchange Kitchen



When tasked to develop an idea to incorporate an equity and health lens into the City's Climate Change Adaptation Plan, Anh Vu developed the Cultural Exchange Kitchen. The project serves three main criteria: raising awareness about community garden, sharing knowledge in gardening, and attracting newcomers in the local community.

Third Place: #PICKME

To combat further ecological destruction and loss of biodiversity due to invasive species, Margaux Worrall, Mia Canderan, Michelle Taylor created #PICKME, an awareness campaign that highlights the dangers of invasive plant species in North Vancouver while encouraging the purchase and distribution of safe, BC native plant alternatives.



Audience Choice: Freddy the Fire



Amanda Wong, Kathrin Teh, Michelle Viet created a campaign with a lovable firey mascot named Freddy for the North Vancouver Fire Department. He is here to gain sympathy and create awareness for fire safety hazards and fire prevention for students in their mid-teens to mid-twenties.

Student Experience Feedback: Year 2

At the end of the year, a post-project survey was sent out to all students who participated in a CityStudio project and 79 students responded. Student participants were also encouraged to write reflective blog posts on their experience with the initiative, which were published on the CityStudio North Vancouver website.

81% of respondents were satisfied or very satisfied with their project experience.

Students found it enriching to work on a tangible project and develop creative ideas. There were additional challenges when participating during a pandemic and in a remote learning environment.

58% of eligible students were likely or very likely to enroll in another CityStudio experience.

Participants found it beneficial to engage in activities that prepare them for post-graduation work environments. Some students had sought out a second CityStudio experience after a previous experience.

Favourite parts of the project:

Working with a real client. Receiving direct feedback from partners. Connecting to the community. A professional experience to put on their resume. Building relationships with local professionals. Seeing the outcomes of the project and final presentations.

Room for improvement:

More clarity and coordination between instructor, partner and CityStudio expectations. Providing more examples of past student projects. Clear alignment with course learning objectives and connections back to course materials.

**“ I thought it was a great real life opportunity to connect with the citizens around us while tying the activity back to our course educational outcomes and goals.
Anonymous CityStudio Alum**

Partner Experience Feedback: Year 2

At the end of each term, all faculty and staff partners who collaborated on a CityStudio project were invited to complete a feedback survey, and 27 partners responded. Feedback from faculty members and staff was welcomed throughout each term and during debrief meetings in order to continually adapt the initiative.

Average rating of the matchmaking experience: 4.7 out of 5.

Partners noted the value of brainstorming together. Municipal staff noted they would like more information about CapU courses in advance. It was noted that more specific project questions might help scope projects for students to dive right in at the beginning of term.

Average rating of the class visit experiences: 4.4 out of 5.

Partners observed that online sessions were more formal than in-person visits. They appreciated the use of online tools and interactive virtual activities. The process of providing feedback in an online setting was challenging given the limited time constraints.

Likelihood of participating in another collaboration: 4.9 / 5

Partners noted that they felt supported through the collaboration process and that student ideas have already begun to inspire work in partner organizations!

Relevance to courses: 4.9 / 5

Student engagement: 4 / 5

Relevance to City goals: 3.9/ 5

Usefulness of deliverables: 3.5 / 5

Instructors observed that student engagement was limited by COVID-19 restrictions. Some partners felt the projects were well aligned with current priorities. Others felt that students may need a better understanding of the local context in order to propose more innovative ideas.

“ The range of topics that students worked on were directly related to several learning outcomes in the course that focused on communication, advocacy and climate change adaptation and mitigation.

Cheryl Schreader, Geography Instructor

“ Really great student team, and my first time working with CityStudio North Vancouver. Really pleased with the whole process.

Stephen Irving, MONOVA

Our Year 2 Team



Aurelea Mahood
Director, Academic
Initiatives & Planning
Capilano University



Adele Therias
CityStudio Project Lead



Lisa Stirling
Community & Partner
Relations Specialist
City of North Vancouver

Welcoming our new CityStudio Project Lead: Starting Summer 2021



At the end of this academic year, we said goodbye to Adele as she headed off to begin her Masters in Geomatics at TU Delft in the Netherlands. We are thrilled to welcome Aderyn Davies as our next CityStudio Project Lead!

After more than 10 years working in the arts and cultural sector in Vancouver, Aderyn is passionate about community-building and placemaking. Aderyn is excited to be a part of the CityStudio program to support City of North Vancouver community projects fostering a sense of belonging and enriching the places we live, work and play. Aderyn began her career working as Auction Manager at Maynards Fine Art and Antiques. Subsequently, she joined Ballard Fine Art as a project manager for some of Canada's largest public art projects which sparked her passion for cultural planning. Most recently, she worked with Farmboy Fine Arts as Project Manager on corporate and hospitality projects working to change lives with art. Aderyn was the Chairperson of Richmond's Public Art Committee for 6 years, as well Project Co-Lead on the Public Art Portfolio for the Vancouver Public Space Network. She holds a BA in Art History from the University of British Columbia (UBC) and a Certificate in Cultural Planning from UBC.

Thank You!

Faculty Partners

Banda Logawa

School of STEM
Faculty of Arts and Sciences

Brian Ganter

School of Social Sciences
Faculty of Arts and Sciences

Bridget McClarty

School of Global Stewardship
Faculty of Arts and Sciences

Cheryl Schreader

School of Social Sciences
Faculty of Arts and Sciences

Chris Carnovale

School of Tourism Management
Faculty of Global and
Community Studies

Dr. Douglas Alards-Tomalin

School of Social Sciences
Faculty of Arts and Sciences

Elaine Beltran-Sellitti

School of Education & Childhood Studies
Faculty of Education,
Health & Human Development

Erin Robinson

School of Business
Faculty of Business
and Professional Studies

Francisco Nogueira

School of Tourism Management
Faculty of Global
and Community Studies

Gregory Coyes

School of Motion Picture Arts
Faculty of Fine and Applied Arts

Jane Ince

School of Communication
Faculty of Business
and Professional Studies

Kara Walker

School of Tourism Management
Faculty of Global
and Community Studies

Kyle Guay

School of Kinesiology
Faculty of Global
and Community Studies

Laurie Prange Martin

School of Business
Faculty of Business
and Professional Studies

Michelle Gunness

School of STEM
Faculty of Arts and Sciences

Nancy Nowlan

School of Business
Faculty of Business and
Professional Studies

Rachel Clearwater

School of STEM
Faculty of Arts and Sciences

Sarah Yercich

School of Social Sciences
Faculty of Arts and Sciences

Tahmina Shayan

School of Education &
Childhood Studies
Faculty of Education, Health &
Human Development

Tom Duguid

IDEA School of Design
Faculty of Fine and Applied Arts

City of North Vancouver Staff Partners

Bo Ocampo

Sustainability Specialist

Caroline Jackson

Manager, Environmental Sustainability

Christopher French

Transportation Planning Assistant

Clare Husk

Film & Community Events Coordinator

Corinne Nichols

Manager, Human Resources

David Owens

Assistant Fire Chief

Frances Ramsay

Environmental Technician

Greg Schalk

Fire Chief

Heather Evans

Community Planner

Larisa Lensink

Environmental Sustainability Specialist

Leah Herman

Coordinator, Community Development

Magda Kwaterska

Acting Manager, Shipyards & Waterfront

Natalie Corbo

Sustainable Transportation Coordinator

Paul Duffy

Manager, Bylaw Services

Rebecca Hathaway

Fire Inspector

North Vancouver RCMP Partners and Mentors

Sgt. Peri Mainwaring

Police Mental Health Intervention Unit

Cst. Jeewan Bassi

Project mentor: Social Media and Sexual Exploitation

Cst. Tammy Kennedy

Project mentor: Women's Personal Safety Workshop & Culture in the Park

Cst. Matt Plant

Project mentor: Culture in the Park

Cpl. Zaheer Abdulla

Community Policing Unit

Cst. Mona Gill

Project mentor: Assistant Fire Chief

Sgt. Kevin Bracewell

Project mentor: Skateboarding in the shipyards

Trevor Schmidt

Project mentor: CompStat

Cst. Jaspreet Chohan

Youth Intervention Unit

Cpl. Neil Jones

Project mentor: Police Uniform

Staff Sergeant Dan Guilfoyle

Project mentor: Substance Use Education

MONOVA Staff Partners

Carol Ballard

Program Coordinator

Karen Dearlove

Curator

Laurel Lawry

Administrative Services Manager

Meagan Innes

Indigenous Cultural Programmer

Pamela Robertson

Public Program Planner

Stephen Irving

Marketing and Communications Specialist

North Vancouver City Library Staff Partners

Mikale Fenton

Manager of Public Services

Wai-Lin Chee

Deputy Chief Librarian

North Vancouver Recreation and Culture Staff Partners

Anne Rodgers

Manager - Communications,
Marketing & Special Initiatives

Lori Phillips

Public Art Officer

Other Champions

Speakers + advisors

Annwen Loverin

Silver Harbour Seniors' Activity
Centre

Justin Hall

Manager, Public Realm
Infrastructure
City of North Vancouver

Terry Hood

Director, Friends of the NVMA

Eric Neighbour

Eric Neighbour Art

Illarion Gallant

Rusknak Gallant Ltd.

Jill Anholt

Jill Anholt Studio

Bucky (Alroy Baker)

Squamish Nation

Rebecca Lantz

Lookout Housing + Health Society

Gary Woods

North Shore Pride Alliance

Research Assistants

Aaliya Noorani

Jonathan Coulthard

Maia Sanchetta Lomelino

Nilsu Ozel

Volunteers + Helpers

Alexander Derbas

Elaine Beltran-Sellitti

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