Back, L-R: Franco Lee, Stephane Fontaine, Keith Anderson, Duane Elverum (Instructor), Lena Soots (Coordinator), Nicole Jahraus, Rebecca Savoie, Jaclyn Bruneau, Becky Till, Janet Moore (Instructor), Leanne Leeck.

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In October 2009, Vancouver Mayor Gregor Robertson presented an ambitious plan to put Vancouver at the forefront of cities working to reduce their ecological footprints and to help Vancouver become the greenest city in the world by 2020. The City established 10 ambitious targets and set up a “Talk Green to Us” campaign and website where citizens were invited to post and vote on ideas. After pitching the idea at a Design Nerd Jam we posted our idea on the Talk Green to Us site: CityStudio - an inter-institutional collaboration between the City of Vancouver and its post secondary institutions where students could get credit working on long term, real world projects solving our urban sustainability challenges.

Within one week, thanks to hundreds of students, our idea moved into the top 10 and within ten days it was ranked in the top 3 ideas. The City invited SFU’s Janet Moore and ECU’s Duane Elverum to present the idea to an audience of 400 people at a Dragon’s Den on October 1st, 2011. The panel included the Mayor, business and community leaders, and Vancouver’s Deputy City Manager, Sadhu Johnston.

In February 2011, the Presidents and Vice Presidents involved in the Campus-City Collaboration (C3 - BCIT, ECUAD, Langara, SFU, UBC, VCC) met with the Mayor to discuss the initiative. CityStudio would be the key C3 project engaging students in courses aimed at helping Vancouver achieve its Greenest City Goals.

The purpose of this publication is to showcase student projects and the activities of the core studio over the Spring 2012 semester. We look forward to continued engagement of the talent, skills, resources and enthusiasm of students and instructors all working together on Vancouver's Greenest City Action Plan.
“Vancouver has one of the most ambitious environmental stewardship programs in the world.”

—Sadhu Johnston
Deputy City Manager

VANCOUVER’S GREEitest CITY GOALS

ECOnomy
Secure Vancouver’s international reputation as a mecca of green enterprise.
- Double the number of green jobs over 2010 levels by 2020.
- Double the number of companies actively engaged in greening their operations over 2011 levels by 2020.

CLIMATE LEADERSHIP
Eliminate dependence on fossil fuels.
- Reduce community-based greenhouse gas emissions by 33% from 2007 levels.

GREEN BUILDINGS
Lead the world in green building design and construction.
- Require all buildings constructed from 2020 onward to be carbon neutral in operations.
- Reduce energy use and GHG emissions in existing buildings by 20% over 2007 levels.

GREEN TRANSPORTATION
Make walking, cycling, and public transit preferred transportation options.
- Make the majority (over 50%) of trips by foot, bicycle and public transit.
- Reduce average distance driven per resident by 20% from 2007 levels.

ZERO WASTE
Create zero waste.
- Reduce solid waste going to the landfill or incinerator by 50% from 2008 levels.

ACCESS TO NATURE
Vancouver residents enjoy incomparable access to green spaces, including the world’s most spectacular urban forest.
- All Vancouver residents live within a five-minute walk of a park, greenway, or other green space by 2020.
- Plant 150,000 new trees by 2020.

LIGHTER FOOTPRINT
Achieve a one-planet ecological footprint.
- Reduce Vancouver’s ecological footprint by 33% over 2006 levels.

CLEAN WATER
Vancouver will have the best drinking water of any city in the world.
- Meet or beat the strongest of British Columbian, Canadian and appropriate international drinking water quality standards and guidelines.
- Reduce per capita water consumption by 33% from 2006 levels.

CLEAN AIR
Breathe the cleanest air of any major city in the world.
- Always meet or beat the most stringent air quality guidelines from Metro Vancouver, British Columbia, Canada, and the World Health Organization.

LOCAL FOOD
Vancouver will become a global leader in urban food systems.
- Increase city-wide and neighbourhood food assets by a minimum of 50% over 2010 levels.
WHAT IS CITYSTUDIO?

OUR VISION

Vancouver’s Greenest City 2020 is one of the most ambitious environmental stewardship programs in the world. As part of this program, the City of Vancouver established a unique inter-institutional campus-city collaboration (C3) to develop projects and research related to urban sustainability. As the core project within C3, CityStudio Vancouver engages students from Vancouver’s 6 public post-secondary institutions designing and implementing Greenest City urban sustainability projects.

WHY DOES CITYSTUDIO MATTER?

Cities around the world will spend trillions of dollars in the next decades in response to the complex demands of population, energy, resource depletion and climate change. Virtually no city is on target to meet these challenges although many are setting ambitious green goals. Vancouver is among them, striving to become a global sustainability leader by 2020. That’s only 8 years away - we need to engage students and communities now. CityStudio is connected with the worldwide movement of partnerships between communities and local universities and colleges to implement urban sustainability.
**GREENEST CITY SOLUTIONS**
The Studio course directly involves students in designing solutions for Vancouver’s Greenest City 2020 goals. Students work directly with city staff and mentors to develop projects and get them going on the ground.

**STUDENT LEADERSHIP TOWARDS A GREEN ECONOMY**
We provide opportunities for students to become leaders in the green economy. Our students learn skills for collaborative learning, dialogue, design and interdisciplinary and group project work.

**ENERGETIC HUB OF GREENEST CITY LEARNING**
CityStudio is an energetic hub of Greenest City learning and action. We run core courses and coordinate a network of partner courses at the 6 participating universities and colleges in Vancouver.
WHO IS INVOLVED?

PROJECT LEADERS

Duane Elverum  
Assistant Professor, Emily Carr University of Art and Design  
Co-Founder and Head of Project Development

Dr. Janet Moore  
Assistant Professor SFU Centre for Dialogue  
Co-Founder and Head of Strategic Development

PROJECT COORDINATOR

Lena Soots

ADVISORS

Moura Quayle  
Professor at UBC Sauder School of Business  
Director of Campus City Collaborative (C3)

John Tylee  
Director of Policy and Research  
Vancouver Economic Commission

Sadhu Johnston  
Deputy City Manager  
City of Vancouver

CITYSTUDIO REPRESENTATIVES ON VANCOUVER’S CAMPUS/CITY COLLABORATIVE (C3)

The City of Vancouver - Sadhu Johnston

Vancouver Economic Commission (VEC) - John Tylee

B.C. Institute of Technology (BCIT) - Frances Kirson

Emily Carr University of Art and Design - Bonne Zabolotney

Langara College - Julie Longo

Simon Fraser University (SFU) - Mark Roseland

University of British Columbia (UBC) - Ron Kellett

Vancouver Community College (VCC) - Salvador Ferreras
This diagram shows the growing network of organizations connected with CityStudio.
SEMESTER IN THE CITY

CORE STUDIO

This CityStudio course has been supported by SFU’s Centre for Dialogue as the Undergraduate Semester in the City. This 15 credit full time course is open to students from all six partner institutions who work full-time, 5 days per week as a cohort with the City of Vancouver to design and implement Greenest City projects.

Students from the spring program were selected from interdisciplinary areas represented by all post-secondary institutions: geography, health science, engineering, planning, social sciences, arts, business, food systems and design.

OUR APPROACH

The learning at CityStudio is immersive and experiential, and framed within the modes of dialogue and design. There is a focus on group process, learning and leadership while working with students, faculty members and guests of CityStudio. Students engage in research, field investigations, readings, problem-solving sessions and skills workshops.

Dialogue in the classroom allows students to learn how to listen deeply, to challenge their own perspectives and learn how to be effective team members. Dialogue as a practice challenges students to slow down, engage in complex thinking and re-imagine possibilities for change.

Design is a change process that turns research and ideas into action by examining the societal context, asking the hard questions, documenting processes, testing, presenting and analyzing outcomes to refine work - all towards the goal of implementing solutions.

Students interact with other disciplines, conduct dialogue activities, host presentations, public events and facilitate multi-stakeholder processes.
LEARNING OUTCOMES

Interdisciplinary and Collaborative Learning
Students learn to:
- Appreciate the complexity of collaboratively defining shared goals for a project
- Demonstrate the ability to frame a problem
- Describe their own learning in weekly reflective writing assignments
- Appreciate the complexities of working with municipal governments
- Experience group projects with real deadlines for real clients
- Appreciate the complexity of collaborative and interdisciplinary projects

Implementation of Greenest City Strategies
Students learn to:
- Develop an individual project that forms one part of the larger course theme
- Demonstrate the implementation of a major group project related to the Greenest City strategies
- Investigate both the local and global context and relationships (i.e. best practices) for the Vancouver based projects

Design and Dialogue Process
Students learn to:
- Listen deeply and participate in regular dialogues with guests and each other
- Plan, facilitate, host and report on the implementation of public events
- Apply strategic design process to projects, including problem definition, prototyping and implementation.
- Apply visualization, information and communication design principles and skills
- Experience action based problem solving and design charrette scenarios

Collaborative Group Work
Real World Projects
Dialogue and Design Thinking
In our first week in the CityStudio program I repeatedly asked our mentors, "what are the deliverables, what do you expect of us?" To which they would patiently reply, "well, you determine the deliverables, so what do you expect of yourselves?" It seems like a small thing, but no one had ever asked me to do this before. In a lecture hall with hundreds of other students, we all write the same essay, we all complete the same lab assignment, and we all can do so much more.

This semester, this city has become my classroom, and I don't think I've thought about my grades once. I've been far too busy collaborating with my tree group on how we can meaningfully contribute to the Greenest City 2020 target to plant 150,000 trees. I've been far too immersed in dialogue, delving into really critical sustainability issues with some of the greatest thought leaders this city has to offer to consider my GPA.

When students work on projects that respond to a real, tangible need in the world, I think we become so much more invested in our work, and motivated to do and become more. I hope you can get a sense of that when you look around the room today. 200+ students can do an awful lot, thank you for giving us a chance to prove it.

Michelle Vandermoor,
Environmental Geography, SFU

I've lived in Vancouver for basically my whole life and, while I've always loved my city-- I never felt compelled to take action on any of the issues going on in the city because I figured one person couldn't really make a difference and I would simply roll my eyes at others' ideas and think "Why? What's the point?" I'm eternally grateful to this program for changing my perspective and teaching me that one person can make a difference and even the smallest project can have an impact.

Over the past three months I've gone from a "why? What's the point?" thinker to a "Well, why not?" person.

Zlatina Pacheva,
Communications, SFU

STUDENT STORIES
Hi. I am Franco. As an international student from Hong Kong, I am honoured and excited to be part of CityStudio. During the past three months, I have had an incredible and fascinating learning experience. I am glad that I had the opportunity to participate in this unique program in Vancouver. I believe that it is rare opportunity for undergraduate students to be able to learn, in a non-academic setting, from people who are solving real-world problems. We have been able to learn a great deal from City staff and draw on their knowledge and expertise. The staff members were very helpful in guiding our project work, and contributing to its successful completion.

Through working with City staff on this project, I have come to realize that, in order to influence and effect change, I need to obtain the credentials and experience necessary to obtain a leadership position in the future. Unfortunately, this program ends soon, but, when I return to class next semester, I will have a much clearer vision of what I need to do to achieve my goals and fulfill my potential.

Franco Lee,
Human Geography, SFU

So when I heard about the CityStudio program it seemed like an opportunity to widen the scope. And it has. This program has not only offered me a chance to research a topic but encourages me to turn that research into projects that will add value to the city and community. I am being taught how to see a need and fill it, how to make ideas reality, and how to wager bureaucracy in the process. Humans have a kind of magic. We can think of an idea, it's just something in our brain, and then we can make it real. This is powerful stuff. It's like being let in on some undiscovered secret — oh I can leverage change in the broader community as a student? Huh, how about that.

Since the first week of this program I have not thought about grades. Instead I think about who I can connect with to make sure my projects have a meaningful impact. My GPA has become a measure of how well I can build partnerships, communicate, and listen to people at all levels. An 'A' means I am being equal parts compassionate and productive as a team member. I am satisfied because people are impacted in a positive way by my work.

So how has my view changed? Well, I guess you could say I took my blinders off, and the view got a whole lot wider.

Becky Till,
Human Geography, SFU
SPRING COURSE TIMELINE

Combining activities of dialogue and design, the studio is organized around 5 phases of project work, from research to testing.
**DIALOGUE** is a practice of listening deeply, engaging in complex thinking and re-imagining possibilities.

**DESIGN** is a change process that turns research and strategic thinking into action.
City staff and community thought leaders were invited to CityStudio each week to engage in dialogue with students and help inform and frame student projects. We also hosted Open Dialogues every Thursday during the Spring 2012 semester CityStudio with students and faculty from the core and partner courses along with City staff and community leaders where we talked about issues and topics related to the Greenest City.

The following is a list of guests and thought leaders that came to CityStudio over the Spring semester:

- **Brent Toderian** (Director of Planning, CoV)
- **Patrick Condon** (Professor, Landscape Architecture, UBC)
- **Jennifer Sheel** (Transportation Engineer, CoV; VIVA Vancouver)
- **Krisztina Kassay** (Planner CoV; VIVA Vancouver)
- **Sadhu Johnston** (Deputy City Manager, CoV)
- **Am Johal** (Community Engagement Coordinator, SFU Woodwards)
- **Hartley Banack** (Faculty of Education, SFU)
- **Lindsay Cole** (Park Planner, Vancouver Parks Board)
- **Tilo Driessen** (Manager of Planning & Research, Vancouver Parks)
- **Oliver Kelhammer** (Artist)
- **Vince Verlaan** (Mgr. Community Engagement, HB Lanarc-Golder)
- **James McKinnon** (Author, 100 Mile Diet; Documentary Filmmaker)
- **Daphne Bramham** (Columnist, Vancouver Sun)
- **Michael Leung** (This Space)
- **Josh Michnik** (This Space; Filmmaker)
- **John Tylee** (Director of Policy & Research, Vancouver Economic Commission)
- **Joel Solomon** (President, Renewal Partners)
- **Eesmyal Santos-Brault** (President, The Hive; Principal, Recollective Green Building Consu)
- **Peter Russell** (Business Relations Manager, Sustainability, CoV)
- **Andrea Reimer** (City Councillor)
- **Shauna Sylvester** (Executive Director, Carbon Talks)
- **Tamsin Mills** (Climate Change Adaptation Planner, CoV)
- **Mike Lake** (E.D., World Class Cities Partnership, NEU Boston, MA)
- **David Ramslie** (Sr Programs Manager, Sustainability, CoV)
- **David Bogen** (Vice President, Emily Carr University)
- **Larry Franks** (Professor, SCARP UBC)
- **Jerry Dobrovolsny** (Director of Transportation, CoV)
- **Kevin Millsip** (Sustainability Coord. VSB; Co-Founder Next Up)
- **Amy Fournier** (Project Analyst, Sustainability, CoV)
- **Andrea Curtis** (Program Coordinator, Next Up)
- **Olive Dempsey** (Greenest City Engagement Coordinator, CoV)
- **David Beers** (Founding Editor, The Tyee)
- **Amanda Mitchell** (Greenest City Engagement Coordinator, CoV)
1. VANBIRDCITY
2. RESPONSIBILITREES
3. VANCOUVER ORPHANED SPACES
4. COMMUNITY CONVERSATIONS
5. TROUT LAKE COMMUNITY CRAWL

GREENEST CITY 
STUDENT PROJECTS
PROJECT TEAM
Taryn Cheremkora
Nicole Jahraus
Stéphane Fontaine
Rebecca Savoie

CITY ADVISOR
Allan Duncan, Vancouver Parks Board
Robyn Worcester, Stanley Park Ecological Society
Research into a Bird Program for Vancouver in support of the Access to Nature and Green Economy Greenest City 2020 targets
Van BirdCity is a rallying point for local bird groups to coordinate the protection and celebration of birds in the City of Vancouver. In consultation with local citizen scientists, world-class researchers and other bird lovers, Van BirdCity offers a preliminary list of opportunities for supporting birds in Vancouver under the categories of habitat, hazards, engagement and enterprise.

Van BirdCity helps fulfill Vancouver’s Access to Nature goal by giving people an opportunity to interact with the environment in a fun and educational way, and by advocating for the creation and protection of natural spaces. The program also contributes to the Green Economy goal by creating green jobs in habitat enhancement projects, highlighting opportunities for expansion within the eco-tourism sector, and increasing retail sales of birding equipment in Vancouver.

Vancouver’s Bird Landscape model was created to outline the elements of a formal bird program. The model was formed after extensive research of existing bird programs throughout North America and illustrates the connections amongst bird-related activities in the city. The application of this model helps identify opportunities to improve Vancouver’s bird landscape.

From the Alder Flycatcher to the Yellow-rumped Warbler, over 390 bird species call the City of Vancouver home. This diversity results from Vancouver being located along the globally-important Pacific Flyway for migratory birds and within the rich Pacific temperate rainforest ecosystem. Birds are not only colourful, charismatic and cool, but also a crucial part of the ecosystem. Wild birds are essential to pollinate flowers, disseminate seeds, and help control insect populations, and a healthy bird population suggests a healthy habitat for other species, including humans.
Even for birds, housing in Vancouver is tough to come by. It is important that habitat be continually improved to allow birds to remain within the urban environment.

City life presents numerous threats to birds. Steps must be taken to mitigate the impact of pesticides, household pets, urban lights, and invasive species on birds and their habitat.

A golden egg has been laid here in Vancouver. Tourism, retail, and landscaping services, have much to gain by drawing attention to and assisting birds.

OPPORTUNITIES
1. Formalize a multi-stakeholder committee to oversee Van BirdCity
2. Distribute a map of Vancouver’s best birding spots
3. Select an official city bird to raise resident awareness
4. Implement a Backyard Habitat Program to increase biodiversity on private lands
5. Promote bird friendly building practices and protective planting policies
6. Celebrate birds through city-wide events
7. Employ best management practices for birds and offer training to city employees
8. Encourage residents to keep cats indoors through an educational
9. Make the City of Vancouver a research hub of urban ecology and ornithology
10. Raise public awareness and enforce bylaws relating to dogs in sensitive areas

For more information about our project and acknowledgements, please visit http://vanbirdcity.wordpress.com
RESPONSIBILITIES

Tree Planting Research and Framework related to the Urban Forestry Management Plan in support of the Access to Nature Greenest City 2020 targets
1 URBAN FOREST MANAGEMENT PLAN

The Greenest City 2020 Action Plan (GCAP) identified the development of an Urban Forest Management Plan (UFMP) as essential to meeting these tree targets. The UFMP will assess available resources and establish a community-wide vision for the management and growth of the urban forest into the future, including an assessment of issues and options for trees on private property.

4 STUDENTS

sharing responsibility meaningfully contributes to the development of the UFMP through the provision of a framework for tree planting on residential land. This framework includes:

1. Case study research of cities across North America with successful residential tree by-laws, methods of residential tree data collection, and resident planting programs.

2. Opportunities for residential trees in Vancouver.

3. 3 opportunities that have touched ground as pilots: a backyard tree count map, tree giveaway, and “Right Tree- Right Place” guide.

our project began with:

150,000 TREES

The City of Vancouver aims to increase its urban forest by 150,000 trees as part of the Greenest City 2020 goal of “incomparable access to nature”, 54,000 of which will need to be planted on private property.
### Our Case Study Research:

<table>
<thead>
<tr>
<th>City</th>
<th>Planting Programs</th>
<th>By-Laws + Policies</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td>Free Tree Planting Program</td>
<td>By-law recognized for age, size, or historical association</td>
</tr>
<tr>
<td></td>
<td>• A planting and public education program in partnership with the New York Restoration Project that engages New Yorkers in the planting of one million trees in ten years.</td>
<td>• Heritage Tree identified by plaque; owners are given an owner's tree care manual.</td>
</tr>
<tr>
<td></td>
<td>Trees for Neighborhoods</td>
<td>• Owners have chosen to place a deed restriction on their property to ensure future tree protection</td>
</tr>
<tr>
<td></td>
<td>• Workshops are provided to train residents on how to properly plant and care for a newly planted tree.</td>
<td>• By-law for the Management and protection of trees on private lands.</td>
</tr>
<tr>
<td></td>
<td>• Participants also receive free tree planting bags, a coupon for compost, and ongoing care reminders.</td>
<td>• Prohibits private property owners from removing trees located within 15 metres of any waterway (ex. creek, stream, ditch, gully etc.) as identified by the Watercourses Regulations by-law.</td>
</tr>
<tr>
<td>Seattle</td>
<td>Free Tree Planting Program</td>
<td>Free Tree Planting Program</td>
</tr>
<tr>
<td></td>
<td>• City staff will plant a tree in residential front yards for free.</td>
<td>• Partnership with Evergreen BC whose trained staff conduct a one-hour yard assessment for $25.</td>
</tr>
<tr>
<td></td>
<td>• Partnership with the Leslieville-Riverdale Tree Project whose volunteer inventory trees and promote the city's free tree program through canvassing.</td>
<td>• Assessment includes yard trimming, collection, backyard composting, invasive species management, bear aware information, and tree planting advice.</td>
</tr>
<tr>
<td>Toronto</td>
<td>The Ravine and Natural Features By-law</td>
<td>Tree Coupons for Arbor Days</td>
</tr>
<tr>
<td></td>
<td>• A tool to protect important natural features that may degrade due to tree damage or removal.</td>
<td>• A limited number of free coupons are available every Arbor Day with which residents receive a $20 discount towards the purchase of a tree at participating nurseries.</td>
</tr>
<tr>
<td></td>
<td>• Applies if private property is located within or partially within the protected areas.</td>
<td></td>
</tr>
<tr>
<td>Coquitlam</td>
<td>The City of Coquitlam Tree Management By-law</td>
<td></td>
</tr>
<tr>
<td>Kamloops</td>
<td>By-law for the Management and protection of trees on private lands.</td>
<td></td>
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</tbody>
</table>

### Data Collection:

<table>
<thead>
<tr>
<th>Program</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Metric</td>
<td>Residents encouraged to record tree plantings by filling out an online form.</td>
</tr>
<tr>
<td></td>
<td>Tree data is recorded in a database and visually displayed on MillionTreesNYC website as a tree counter to indicate progress towards target.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harbord Village Tree inventory + GoogleEarth</td>
<td>The resident association conducted a comprehensive inventory of backyard trees in their neighborhood in partnership with the University of Toronto, noting size, species, and health.</td>
</tr>
<tr>
<td></td>
<td>Tree data was visualized using Google Earth.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree Coupon Data</td>
<td>Participating nurseries keep track of trees purchased through the program, as well as species and size, to evaluate the city's progress towards its canopy cover targets.</td>
</tr>
<tr>
<td></td>
<td>Residents are encouraged to report all tree plantings by filling out an online form.</td>
</tr>
</tbody>
</table>

### Vancouver's Opportunities:

1. Enhance private property by-laws with protected area designations
2. Represent by-laws visually for ease of understanding
3. Support residents with technical planting and care expertise
4. Partner with local organizations for resource-sharing and program implementation
5. Build capacity with local groups and universities to conduct private property tree inventories
6. Engage the public by presenting progress towards tree planting targets visually

**How do these hit the ground? >>>**
1. **Tree Giveaway**

An overview of case studies indicated that tree giveaways are a means of promoting planting on residential land. We hosted a pilot tree giveaway at the CityStudio Open House event on March 31st, 2012 to utilize CityStudio’s connections to the community and expand the giveaway’s reach.

2. **Right Tree—Right Place Guide**

We have developed an informative and engaging guide to tree planting on residential land in response to:

- The need to support residents with technical expertise for planting success
- The need to represent by-laws visually for ease of understanding

3. **Residential Tree Block Map**

The City of Vancouver does not currently have tree data for private land. This map is a piece of sample data collection that aims to provide a process as well as a general understanding of the numbers of existing trees on residential land in the Mount Pleasant area.

---

**Pilot Projects**

We have developed 3 pilot projects based on the opportunities identified through our case study research.
measuring success

We consider sharing responsibiliTREES a success based on the following metrics:

>> Research providing an overview of residential tree strategies from 10 North American cities compiled into 1 report based on a request from the Vancouver Board of Parks and Recreation

>> 15 interviews conducted with stakeholders, including local non-governmental organizations, Vancouver city staff, and staff from cities across North America

>> 6 trees out of the 6 donated by the Vancouver Board of Parks and Recreation were adopted at our Tree Giveaway held during the CityStudio Open House event on March 31, 2012 to be planted on residential land

>> 20 “Right Tree - Right Place” guides were also distributed at the CityStudio Open House event

>> A Residential Tree Block Map that covers a 9 block radius between 12th to 15th Avenue and Columbia St. to Quebec St.

Thank you for helping us grow!

We would like to sincerely thank the following for their valuable contributions to our project:

Katherine Isaac, the Vancouver Board of Parks and Recreation, the City of Vancouver, all of the organizations locally and across North America that participated in our research, and CityStudio.
VANCOUVER orphanded space PROJECT
mapping a neighborhood | transforming a space

PROJECT TEAM
Jaclyn Bruneau
Rebecca Till
Victoria Veidner
Martyna Purchlam

CITY ADVISOR
Neal Carley, Director of Streets
Andrew Pask, City Planner
VANCOUVER ORPHANED SPACES

Research and mapping of unused public land in the Grandview-Woodlands neighborhood in support of the Access to Nature Greenest City 2020 targets
How often do you happen upon a particularly lonely-looking space in the city? Like most cities in the world, Vancouver has its fair share of leftover bits of land, inevitably retracting from the overall beauty of the urban environment. Sadhu Johnston, the Deputy City Manager, raised this issue with CityStudio, expressing his belief these spaces have real potential - especially in regards to the Access to Nature goal. We were quick to pick up this project opportunity, deciding to pinpoint all these spaces in one neighbourhood and to transform one.

WHAT IS THIS PROJECT?

The key components of this project include a map of all the orphaned spaces and parking lots in the Grandview-Woodlands neighbourhood and a transformation of one site.

HOW DID THIS PROJECT HAPPEN?

How often do you happen upon a particularly lonely-looking space in the city? Like most cities in the world, Vancouver has its fair share of leftover bits of land, inevitably retracting from the overall beauty of the urban environment. Sadhu Johnston, the Deputy City Manager, raised this issue with CityStudio, expressing his belief these spaces have real potential - especially in regards to the Access to Nature goal. We were quick to pick up this project opportunity, deciding to pinpoint all these spaces in one neighbourhood and to transform one.
WHAT IS AN ORPHANED SPACE?

Any lot, area, strip, triangle, curb, or fragment of the urban landscape which can be characterized as under utilized, abandoned or otherwise lonely. They are spaces, big and small, with the potential to be more.

WHY GRANDVIEW-WOODLANDS?

We struck lucky and partnered with Andrew Pask, Community Planner for the Grandview-Woodlands neighborhood and Director of the Vancouver Public Space Network (VPSN). He provided us with tools to conceptualize public space in a way that would increase functionality and significance. In addition, the neighbourhood is identified as “park deficient” by the Parks’ Board, making it an obvious choice for an Access to Nature project.

HOW DID WE CLASSIFY ALL 35 SPACES?

We synthesized information from VPSN’s Public Space Evaluation Worksheet into a tracking log, adding original elements we believed were crucial in coding these spaces. One log was filled out for each space evaluated, with accompanying photos, during the investigation of every street in the neighbourhood. Additionally, a second map was created of all parking lots with potential for greater use.
WHAT BETTER WAY TO URG(transaction.cut) PEOPLE TO RE-CONCEPTUALIZE THE CURRENT USE AND APPEARANCE OF A SPACE THAN BY LITERALLY FRAMING IT? The frame will capture the North Shore mountains, the Port of Vancouver, the busy intersection of Commercial and Hastings, and of course, the newly-transformed space.

The construction of the frame will be centered around its purpose as an interactive art piece, inviting people to take photos, spend time, and consider their environment. Our frame was made from sustainable materials and was constructed by the generous & talented city’s fabrication shop.

WHY DID WE CHOOSE THIS SPACE?

Why the porkchop at Adanac and Commercial? After lots of walking, biking, and driving around the neighbourhood, we decided the best spot for a transformation was somewhere with high foot and bike traffic. We loved the idea - following the lead of Green Streets - of improving the aesthetic of boulevards, traffic circles and road pork chops, so this was a cunning candidate. Not to mention there is an exceptional view of the mountains and it’s a great spot for people-watching.

As fate would have it, the city’s Engineering Department had existing plans to reconstruct our space and the surrounding sidewalks in an initiative to slow traffic and create a grass-and-tree parkette. Upon discovering this, we proposed a richer, community-based approach to designing this now-larger space which they agreed to take on.

WHY A FRAME?

What better way to urge people to re-conceptualize the current use and appearance of a space than by literally framing it? The frame will capture the North Shore mountains, the Port of Vancouver, the busy intersection of Commercial and Hastings, and of course, the newly-transformed space.

The construction of the frame will be centered around its purpose as an interactive art piece, inviting people to take photos, spend time, and consider their environment. Our frame was made from sustainable materials and was constructed by the generous & talented city’s fabrication shop.
WHERE TO GO FROM HERE?

Upon the completion of our community conversations, we finalized the landscape plan and installed our frame with the help of our city partners. To see our map, look at photos and get ideas about your own orphan space project, check out our Facebook group, The Vancouver Orphaned Space Project.

WHAT DID THE NEIGHBOURS HAVE TO SAY?

It was important to us to have conversations with residents surrounding the space to ensure their ideas were woven into our plan. We visited the Lion’s Den, a residence for seniors across the street from the space and they showed immense support for the project. They were certain about the space needing a place to sit, were excited about the picture frame and wanted to see colourful, low maintenance plants. We hosted a drop-in session at a nearby cafe to have conversations about our project and gather suggestions about what can be done with other orphaned spaces in Grandview-Woodlands.
PROJECT TEAM
Kathleen O’Melinn
Grace Hon
Silvia Mora
Jenna McNeil

CITY ADVISOR
Lindsay Cole, Vancouver Parks Board
COMMUNITY CONVERSATIONS

Community engagement mentorship program to research and promote dialogue within communities in support of the Access to Nature Greenest City 2020 targets.
OUR STORY

WHO WE ARE | Community Conversations is a group of four CityStudio students working under the mentorship of Vancouver Park Planner Lindsay Cole. This was an opportunity to take part in participatory planning.

PURPOSE | The goal of the project was to get the Mount Pleasant community engaged in the City’s Access to Nature plan. A public consultation was held on March 26, 2012 at Heritage Hall and was co-facilitated by the students. Residents were able to map out where they wanted more trees, mini parks and food assets.

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Week 1 (Feb 20-26)

First Meeting with Lindsay
February 21st, 10am
Discussed project outcomes and expectations

Second Meeting w/ Lindsay
February 28th, 12-1pm
Review short and long term plans

Project Freeze
February 23rd, 9:30am
Communicate projects objectives to the class

Week 2 (Feb 27 - Mar 4)

Meeting with Duane
February 27th, 1-2pm
Brainstormed ideas on project deliverable

Street Tree Planting
February 28th, 10:30am-12:30pm
Explored tree planting sites

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Week 3 (Mar 5 - 11)

Weekly Meeting with Lindsay
March 6, 3-4pm
Discussed progress and challenges

Check-In
March 6, 11am-12pm
Check-In with Duane

Group Planning
March 5, 2-3pm
Group Planning with Lindsay

Meeting with Blanca at MPNH
February 28th, 1-2pm
Discussed potential target groups

VSB Meeting
February 29th, 8:30am-9:30am
Discussed collaborations with VSB
**PROCESS**  |  To invite the neighbourhood to join in the public consultation, the students created a marketing strategy. This included information sharing booths, posters, and an email campaign.

**REASON**  |  "Access to Nature" is one of the Greenest City goals that aims to provide Vancouver residents with incomparable access to green spaces, including the world's most spectacular urban forest by 2020.

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**Week 4 (Mar 12-18)**

- **Brunch Meeting**  
  March 17, 9:30-11:30am  
  Explored alternative locations for the meeting

- **Meeting with Lindsay**  
  March 14, 3-4pm  
  Discussed possible formats for the meeting

**Week 5 (Mar 19-25)**

- **Call with Lindsay**  
  March 23rd, 10:30am-11am  
  To review the draft agenda for the March 26th consultation

- **Meeting with Lindsay**  
  March 20, 3-4pm  
  Discussed the alternative locations for the Public Consultation

- **Public Consultation**  
  March 26, 7-9pm @ Heritage Hall

- **Information Sharing Booth**  
  March 20, 1-3pm  
  To interact with Mt. Pleasant community members @ Kingsgate Mall
THE PROCESS

IDENTIFY
The neighbourhood selection process considers three things: a) Recent planning process, b) deficiency in park space and tree covered areas, c) potential for ongoing stewardship. What does your neighbourhood need to qualify?

ASSEMBLE
Learn and share stories about the neighbourhood. Where are the activity hubs? What resources can we leverage? Where are the most exciting opportunities? Collect information and build momentum.

ENVISION
Imagine living differently in the street. What would change, or stay the same? Discuss potential sites for the big 3: street & park trees, streets-to-parks, and food assets in parks. Assess level of support for potential projects before moving to more detailed planning.

DRIVING QUESTIONS

1. What do Mount Pleasant residents want from their neighbourhood: streets to parks, street trees and food assets?
2. How can we find the leaders in the neighbourhood who have the influence and desire to motivate the residents?
3. What is the most effective way to engage residents in the processes of providing feedback to the Parks Board?

RECOMMENDATIONS

1. INFORMATION BOOTHs

TIME | Interacting with residents in short amount of time
SIGNAGE | Stating the purpose of the information booths
OPPORTUNITIES | Displaying in public areas at various times and in classes

2. COMMUNITY CONSULTATION

TIME | Allocating enough time for feedback and input from people
SUPPORT SYSTEM | Assigning an event lead and assistants
TRANSPARENCY | Stating the purpose of the meeting and note taking
**DESIGN** It’s action time! Collaborative design of specific site(s) and preliminary budgeting. Parks Board and Council briefings. And then, the plan emerges.

**EVALUATE** City staff reviews the plan to ensure feasibility of sites and projects. Projects vetted by key partners like fire, police, ambulance, utilities, and sanitation.

**FINALIZE** Decisions, decisions. Community takes the lead on finalizing the design and ongoing stewardship plans for street-to-park and garden projects. Final testing of support from adjacent neighbours. Council decision to change the use of a roadway. Park Board allocates budget and approves design for street-to-park and food projects.
TROUT LAKE community crawl

PROJECT TEAM
Spencer Toth
Michael Megalli
Zlatina Pacheva
Keith Anderson

CITY ADVISOR
Jil. P. Weaving
TROUT LAKE COMMUNITY CRAWL

Research, design and implementation of an ecological, architectural and cultural tour in the Cedar Cottage neighbourhood in support of the Access to Nature Greenest City 2020 targets
OUR PROJECT
The Trout Lake Community Crawl is a self-guided walking tour that highlights various historical, architectural, ecological and cultural features around the Trout Lake/Cedar Cottage neighbourhood with a particular focus on sustainability, including: LEED architecture, underground water systems, and local food production.

OUR PURPOSE
With the Access to Nature goal as our springboard, we wanted to find a way to share stories about a Vancouver park as a means of getting people outdoors and exploring the green spaces in their neighbourhood. We wanted to do so in an engaging way, while also promoting green modes of transportation, such as walking and biking.

With jil p. weaving—Arts and Culture Coordinator for the Vancouver Park Board—guiding us through the creation of the tour, we have produced a printable map of the area with 30 highlighted points, complete with photographs and informative write-ups. Participants will be able to obtain the tour from the Park Board website and take it with them on the route of their choice.

OUR CONTRIBUTION
We hope that this will be the first of many walking tours created for Vancouver’s various neighbourhoods. The initial motivation for this project stemmed from a desire to highlight the amazing things the Vancouver Park Board does across the city. We hope that these tours will not only build support for the Park Board, but also encourage residents to take ownership of community assets and feel a sense of pride in the neighbourhood in which they live.

ACKNOWLEDGMENTS
Project by Spencer Toth, Michael Megalli, Zlatina Pacheva, and Keith Anderson (left to right in top photo)

With guidance from:
jil p. weaving — Arts and Culture Coordinator, Vancouver Park Board
John Atkin — Vancouver Historian
Faune Johnson — President, Cedar Cottage Garden Society
Keith Der — P. Eng., CE I, Sewers & Drainage Design, City of Vancouver
Carolyn Drugge — Water and Sewer Division, City of Vancouver
Oliver Kellhammer — Writer, teacher, and artist
Danita Noyes — Arts Programmer, Vancouver Park Board
Glen Andersen — Artist
Richard Tetrault — Artist
2. HEALING THE CUT - BRIDGING THE GAP
Oliver Kellhammer and Janis Bowley's vegetation-based art installation is viewed with a telescope on the Victoria Dr Bridge; one can look out at nesting boxes where a forest has been planted. The piece was aimed at protecting the area with an eco-friendly twist. In the early '90s there was a plan to build a highway along the Grandview Cut. Originally planned to be a vertical concrete wall that would aid the highway, the installation was instead an active attempt to prevent it. With controversy and legal challenges, the piece is regarded by the artists as a botanical intervention, using plants for both environmental and social good. Cottonwood, Butterfly Bush, Black Locust and Golden Willow were planted in the area, acting to stabilize erosion that began after the Victoria Dr Bridge and condos above the ravine were built. These plants were diversified as nesting birds brought in seeds in their droppings. By declaring greenery as art, and successful preventing this proposed highway from coming to fruition, Healing the Cut – Bridging the Gap has made the extra step to prevent further mismanagement of the area. By establishing the work as intellectual property, it has become one of the most significant public art pieces in Vancouver history.

7. THE VANCOUVER SPECIAL
Between 1965 and 1985, roughly 10 000 'Vancouver Special' style homes were built around the city due to its versatility, size, and affordability. A city bylaw had to be issued to stop their takeover.

8. HASTINGS MILL FLUME
One of only two remaining fresh-water lakes in Vancouver, Trout Lake survived because it provided water via a flume to the Hastings Sawmill, one of Vancouver's first industrial works.

13. COMMUNITY CENTRE

14. TROUT LAKE RINK
15. 3521 MARSHALL STREET
   Headquarters for Theatre in the Raw, and likely the childhood home of Gordon Northcott. Northcott was responsible for the Wineville murders of several youth in 1920s California, events made infamous by the 2008 film *Changeling*.

16. CEDAR COTTAGE GARDEN
   This community garden sprouted in 2008 after a food security city staff member brought together a dedicated group of neighbours. It took a village -with land provided by BC Hydro, Skytrain maintenance crews helping with water connections and garbage removal, a generous donation from Heifer Int’l, and the EYA doing initial construction. Many hands make the garden work. Members donate their time and skills for such things as construction work, admin tasks, and delivering food to local meal programs. In the spirit of Heifer’s mandate to “pass on the gift”, the garden donates fresh produce to the local Neighbourhood House, as well as subsidizing plots. Even the compost is part of a network: Libby’s Kitchen café, a local community kitchen, and several neighbours drop off their food scraps to the garden. As most of the members live within walking distance, the garden keeps them connected to their community and the outdoors. Beautiful reciprocity; while the neighbourhood improves the garden, the garden improves the community. Members and neighbours agree that the presence of the garden and the gardeners has made the area safer and cleaner.

17. LAKEVIEW STATION
   A stop on the first interurban line, fourteen people were killed and nine injured at this old BC Electric Railway stop in 1909 -the worst transit accident in BC history. Now the Austrian Plaza part of the BC Parkway.

18. WEST HOUSE

19. GLADSTONE CREEK
   In 1995, it was proposed that this creek be daylighted. However, the water flows too deep for that to be possible. Gladstone is one of the few streams in Vancouver that was named before being covered in the early 1900s.

20. CEDAR COTTAGE NEIGHBOURHOOD HOUSE

21. LORD SELKIRK ELEMENTARY
   Dating back to 1908, Lord Selkirk is one of the five oldest schools in Vancouver. In 1918, it served as a hospital and morgue during the Spanish Flu pandemic. Staff and students consider the school to be haunted ever since.

22. CEDAR COTTAGE BREWERY SITE

23. GIBBY’S FIELD

24. CEDAR COTTAGE GREENWAY

25. THOMAS BELL’S HOUSE

26. TROUT HOUSE

27. COMMUNITY WALLS / COMMUNITY VOICES
   Richard Tetrault, Dan Bushnell, Jerry Whitehead (2003). Mosaics celebrate local multiculturalism and highlight East Vancouver’s Aboriginal community. This art piece stretches about 500 feet!

28. CLARK PARK

29. CHINA CREEK

30. MOSAIC PLANET
## Partner Courses

CityStudio coordinates a network of Partner Courses in our partner institutions where faculty and students bring questions of sustainability into their curriculum. Students in the Spring 2012 term worked on the following projects to help advance and inform the Greenest City 2020 goals:

<table>
<thead>
<tr>
<th>School</th>
<th>Lead Faculty</th>
<th>Department/Course</th>
<th>Students/Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCIT</td>
<td>Michel Labrie &amp; Ron Kato</td>
<td>Architectural Science – Systems Integration Studio</td>
<td>19 students worked in 5 groups to redesign the intersection of Main and 14th in Mt. Pleasant using the Living Building Challenge and the Greenest City Goals as a framework.</td>
</tr>
<tr>
<td>Emily Carr</td>
<td>Martin Rose</td>
<td>Faculty of Design &amp; Dynamic Media – Collaborative Animation</td>
<td>12 students worked collaboratively in small teams with the Vancouver Parks Board, City of Vancouver Corporate Communications and CityStudio to create short purpose-designed animated projects.</td>
</tr>
<tr>
<td>Emily Carr</td>
<td>Duane Elverum</td>
<td>Foundation, Faculty of Culture &amp; Community – Design Core</td>
<td>20 students worked with the Vancouver Parks Board on concept designs for parks and access to nature.</td>
</tr>
<tr>
<td>UBC</td>
<td>Ron Kellett &amp; Cynthia Girling</td>
<td>Architecture &amp; Landscape Architecture – Settlements Studio and Env and Urban Form</td>
<td>20 students explored adaption and transformation of some of the conspicuously less sustainable settlement patterns in Mt. Pleasant toward more sustainable prototypes, with a focus on the public realm.</td>
</tr>
<tr>
<td>UBC</td>
<td>Moura Quayle</td>
<td>Sauder School of Business – the Sauder Studio</td>
<td>Teams of students worked to deliver real-world solutions that create social, economic and environmental value.</td>
</tr>
<tr>
<td>UBC</td>
<td>Rob Sianchuk</td>
<td>Applied Science – Whole Building Life Cycle Analysis</td>
<td>Students developed a cradle-to-gate LCA study to describe the impacts associated with the resource extraction, manufacturing and construction of the viaducts in the City of Vancouver</td>
</tr>
<tr>
<td>SFU</td>
<td>Lisa Papania</td>
<td>Beedie School of Business – New Product Design &amp; Development</td>
<td>Students conceptualized, designed, developed, proto-typed and produced a new product or service related to Vancouver’s Greenest City goals.</td>
</tr>
<tr>
<td>SFU</td>
<td>Lisa Papania</td>
<td>Beedie School of Business – Business Marketing</td>
<td>25 students worked on projects related to marketing the Greenest City.</td>
</tr>
<tr>
<td>SFU</td>
<td>James Long</td>
<td>Fine &amp; Performing Arts – Theatre Laboratory IV</td>
<td>Students created performances for live audiences on the theme areas of EAT, WORK &amp; PLAY and connected their performances to the Greenest City Goals of Local Food, Green Economy and Access to Nature.</td>
</tr>
<tr>
<td>SFU</td>
<td>Jin-me Yoon</td>
<td>School for the Contemporary Arts – Introductory Studio in Visual Arts</td>
<td>Students in this course used the Woodward’s campus to make experimental work about the site and the CityStudio themes as key project focus.</td>
</tr>
</tbody>
</table>
EVENTS

VANCOUVER CITIES SUMMIT
Feb 1st & 2nd, 2012

An international summit organized by the Vancouver Economic Commission on the “Business of City Building”. The CityStudio class volunteered at the Summit and contributed 480 volunteer hours to the hosting the event. Mayor Gregor Robertson acknowledged and thanked CityStudio for its contributions and highlighted the CityStudio program for summit participants.

CITYSTUDIO NERD JAM
Feb 9th, 2012

A creative, idea generation event co-hosted with the Vancouver Design Nerds (www.vancouverdesignnerds.org) on the theme of “Transforming Vancouver’s Unused Spaces”. 120 participants including City staff, students, faculty and community members. The event was held at the historic Salt Building in the Village on False Creek.
OPEN HOUSE & DIALOGUE

An end of term exhibition demonstrating how the Greenest City Goals hit the ground
UNDER ONE ROOF
OPEN HOUSE & DIALOGUE

On March 31st, 2012 CityStudio hosted an Open House and Dialogue from 11am - 4pm at the Salt Building in The Village in False Creek. The event included an exhibition of over 200 inter-disciplinary student projects related to Vancouver’s Greenest City 2020 Goals. Over 350 people attended the event including students, faculty, City staff, and community members. The event also included a community dialogue between 1pm and 3pm about how the Greenest City goals can hit the ground in people’s everyday lives. The event was free and open to the public.
SALT BUILDING

The Salt Building, owned by the City of Vancouver, is a heritage building located in the Southeast False Creek neighbourhood. It was built around 1930 as a salt refinery, and was converted to a paper recycling plant in the 1980s. The building was restored prior to the 2010 Winter Games and Paralympic Games so that it could be used as an “athletes’ living room”. The roof of the Salt Building has been supported by the same beams for over 78 years.
AGENDA

11:00 AM  Doors Open and Showcase Begins
1:00 PM   Welcome: Greetings from Mayor Gregor Robertson
          Open Dialogue: How the Greenest City Hits the Ground?
1:25 PM   Dialogue Round 1
1:55 PM   The Shuffle
2:10 PM   Dialogue Round 2
2:35 PM   Concluding Thoughts
3:00 PM   Mingle and Feedback
4:00 PM   End of event - Thank you

SPECIAL GUESTS AT THE EVENT INCLUDED:

- Gregor Robertson, Mayor of Vancouver, CoV
- Lindsay Cole, Park Planner, CoV
- Tilo Driessen, Park Planner, CoV
- Jil Weaving, Cultural Programmer, CoV
- Olive Dempsey, Communications, CoV
- Amanda Mitchell, Communications, CoV
- Andrew Pask, Planner, CoV
- Carolyn Drugge, Water, CoV
- Brent Toderian, Former Director of Planning, CoV
- Alan Duncan, Parks, CoV
- Beth Carruthers
- Oliver Kellhammer, Artist
COMMUNITY DIALOGUE: “HOW DOES THE GREENEST CITY HIT THE GROUND?”

What is Dialogue?

Dialogue is a conversation that encourages us to listen deeply, share stories, and re-imagine possibilities for change.

DIALOGUE QUESTIONS

1. What is your Access to Nature?

2. How can we use education to foster an engaged, sustainable, and connected community?

3. How do you have fun in the greenest city?

4. Why frame it as the “Greenest” City? What if it became the “_______” City?

5. What makes you change your behaviour? How can we inspire action?

6. How do the Goals speak to you? What information makes you care?

7. How can public spaces foster connections between people?

8. Do you have an idea for the Greenest City?

9. How can we, as consumers, contribute to the Greenest City Goals?

10. How do you interact with Vancouver’s waterfront? How do you imagine False Creek integrating into the public realm?
“THE CITY IS THE CLASSROOM DAY”

WHEREAS Vancouver has set a goal to become the greenest city in the world by 2020;

AND WHEREAS There is a worldwide movement of collaboration between cities, local communities, universities and colleges towards urban sustainability;

AND WHEREAS The CityStudio program harnesses the skills, passion and creativity of talented post-secondary students from across the region who are eager to help Vancouver implement the strategies outlined in the Greenest City Action Plan:

NOW, THEREFORE I, Gregor Robertson, Mayor of the City of Vancouver, DO HEREBY PROCLAIM Tuesday, April 17th, 2012 as “THE CITY IS THE CLASSROOM DAY” in the City of Vancouver, BC, Canada.
APPRECIATION & GRATITUDE

CITY OF VANCOUVER
Mayor Gregor Robertson
Penny Ballem, City Manager
Staff and Councilors

VANCOUVER ECONOMIC COMMISSION
John Tylee, Director of Policy & Research
Juvarya Warsi, Economic Strategist
VEC Staff

COMMUNITY ADVISORS
Moura Quayle, Professor at UBC Sauder School of Business; Director of Campus City Collaborative (C3)
John Tylee, Director of Policy and Research Vancouver Economic Commission
Sadhu Johnston, Deputy City Manager, City of Vancouver
Mark Winston, Director, SFU Centre for Dialogue
Ron Kellett, Professor, UBC School of Architecture and Landscape Architecture

CITYSTUDIO REPRESENTATIVES ON C3
Frances Kirson, British Columbia Institute of Technology (BCIT)
Julie Longo, Langara College
Bonne Zabolotney, Emily Carr University of Art & Design (ECUAD)
Mark Roseland, Simon Fraser University (SFU)
Ron Kellett, University of British Columbia (UBC)
Salvador Ferreras, Vancouver Community College (VCC)

SPRING PARTNER COURSE FACULTY
Michel Labrie & Ron Kato, Architectural Science (BCIT)
Martin Rose, Faculty of Design & Dynamic Media (ECUAD)
Duane Elverum, Faculty of Community & Culture (ECUAD)

Tomo Tanaka, Creative Arts (Langara College)
Lisa Papiia, Beedie School of Business (SFU)
James Long, Fine & Performing Arts (SFU)
Jin-me Yoon, School for the Contemporary Arts (SFU)
Ron Kellett & Cynthia Girling, School of Architecture & Landscape Architecture (UBC)
Moura Quayle, Sauder School of Business (UBC)
Rob Sianchuk, Applied Science (UBC)

SFU CENTRE FOR DIALOGUE
Mark Winston, Director
Linda Bannister, Program Assistant
Brenda Tang, Administrative Assistant
Robin Prest, Research Assistant

COMMUNITY PARTNERS
Kevin Millsip & Andrea Curtis, Next Up

INTERNS
Cléa Lautrey, Designer, (Industrial Design, Emily Carr University of Art and Design)
Sam Lefort, Communication & Outreach (Cultural & Critical Studies, Emily Carr University of Art and Design)

RESEARCH ASSISTANTS
Jay Penner, Education & Learning Outcomes (MA Education, UBC)
Shelby Tay, Education & Learning Outcomes (Environmental Sciences Graduate, UBC)

CITY STAFF WHO ASSISTED WITH STUDENT AND PARTNER COURSE PROJECTS
Lindsay Cole - Planner, Vancouver Park Board
Katherine Isaac - Planner, Vancouver Park Board
Bill Stephen - Arborist
Alan Duncan - Planner, Vancouver Park Board
Jill Weaving - Coordinator, Arts, Culture, Recreation & Environment, Vancouver Park Board
Carolyn Drugge - Policy Analyst, Waterworks Design

Andrew Pask - Planner, Community Planning
Neal Carley - Director, Streets Division
Scott Hein - Sr. Planner, Community Planning
Devan Fitch - Engineer, Strategic Transportation
Amanda Mitchell - Public Engagement Specialist, Corporate Communications

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Ethical Bean Coffee
4 the Kids
Bon Chaz
Uprising Breads Bakery
KJM Country Gardens
Ideon Packaging LLP
Save On Foods

Thank You to the SFU Undergraduate Semester in Dialogue for supporting Semester in the City
THE CITY IS THE CLASSROOM

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