

CBAR Network

The members of this research network are researchers who have committed to approach their work in Park-Extension by applying community-based action research (CBAR) principles. CBAR commits to equity, social justice and resident engagement through all aspect of the research work carried out.

URL:<https://communityactionresearchparcex.ca>

People

- Alex Megelas,

Partner

- , Nonprofit
- Brique x Brique, Social or Collective Enterprise
- Montréal Populaire, Informal Group

Project type

- Research

Faculty

- Other

HIST 498/670: Edible Environments in and Beyond Montreal

This intensive 7-day summer course examines the ecological, economic, political, & cultural dimensions of urban food provisioning in & beyond Montreal, since about 1600. The main focus is on thinking about how the city has managed its food supply as a problem of environmental governance. In seminar discussions, lectures from visiting experts, and guided site visits, we will study the history and manifold contemporary manifestations of how Montreal's food supply came to be comprised of a complex network of local, regional, national, and global provisioning chains, thereby connecting it to near and distant natural resources.

URL:<https://www.concordia.ca/artsci/academics/summer/edible-environments-2019.html>

People

- ANYA ZILBERSTEIN, Concordia Faculty

Project type

- Teaching / Learning

Faculty

- Faculty of Arts and Science

Keywords

- food studies
- history
- environment

A New Home: a platform to equip seniors with their residential choices

This project aims to identify to what extent the various residential environments in the borough of Montréal-

Nord contribute to a positive experience of aging-in-place. This project will take the form of an online mapping platform illustrating a composite indicator reflecting the potential of the urban environment in Montréal-Nord to support aging-in-place. The project will provide a systematic reading of available resources and attributes favorable to seniors in the borough. The platform will also be a tool for seniors who want to grow old in their community and who are looking for a new residence in Montréal-Nord.

People

- Meghan Joy,
- Cheryl Gladu,
- Sébastien Lord,
- Paula Negron,

Partner

- Table de concertation des aînés de l'île de Montréal, Nonprofit

Project type

- Research

Faculty

- Faculty of Arts and Science

Keywords

- ageing
- mapping

Enable Montreal

From March to June 2018, more than 45 engaged citizens participated in Enable Montreal, which included teams of students, researchers, activists, engineers and design professionals. Each team worked together to develop concrete solutions to accessibility barriers defined by the team's mandates which were previously identified through consultation with community organizations and people living with disabilities

URL:<http://www.concordia.ca/enable>

Partner

- Independent Living – Montreal, Funder
- Office of Community Engagement, Concordia
- Critical Disability Studies Working Group, Concordia
- District 3, Concordia
- Maison de l'innovation sociale, Nonprofit

Project type

- Extra-curricular

Faculty

- Other

Keywords

- Design
- Social Innovation
- Accessibility

Composite Structures for Engineering Applications

There are two projects. One with Bell Helicopter in Mirabel, and one with Bauer hockey in Blainville. The

project involves the use of automation to make composite structures. For Bell Helicopter, the structure was the cross piece for the landing gear of helicopters. For Bauer, the structure is the hockey sticks. Composite materials provide light weight, high stiffness and high strength. The use of automation provides precision and repeatability for manufacturing. This also saves cost and time. These structures are made using the automated fiber placement machine, available at Concordia. Concordia university is the only university in Canada having this machine.

People

- Suong Van Hoa,

Partner

- Bell Helicopter, Private Business
- Bauer Hockey, Private Business

Project type

- Research

Faculty

- Gina Cody School of Engineering and Computer Science

Keywords

- hockey
- composite materials
- helicopters

Collective horizontal governance models - 7 à Nous

Two Concordia researchers are focusing their attention on Bâtiment 7, a self-managed, collectively owned community space located in a former train shop in Montreal's Pointe-Saint-Charles neighbourhood. They are there to connect the university to community mobilization efforts and grassroots urban development — everything from horizontal governance models to sustainable uses of former industrial spaces. There are 13 groups operating as part of Bâtiment 7, each with a set of economic practices. Concordia is helping the overall group by accompanying their transition toward a large-scale, collective, self-management structure and way of functioning by looking to eschew traditional forms of governance.

URL:<http://www.concordia.ca/news/stories/2018/11/20/concordia-joins-forces-with-batiment-7-for-a-new-kind-of-community-research-partnership.html>

People

- Anna Kruzynski, Concordia Faculty
- Kevin MacMahon, External Partner
- Michelle Duchesneau, Concordia Student

Partner

- Office of Community Engagement, Concordia
- Collectif 7 à nous, Social or Collective Enterprise
- Office of Research, Concordia

Project type

- Teaching / Learning
- Research

Faculty

- Faculty of Arts and Science

Keywords

- grassroots
- Gentrification

Radical Rest Homes

Radical Rest Homes is a project to bring people together around affordable housing anchored in self-governance, co-care and mutual support. A network of different communities that share best practices and support, Radical Rest Homes proposes an engaged manner for members to age in place, while giving a new life to Montreal's historic homes. The organization is currently mounting a sustainable model for development, which includes networking with potential partners and funders as well as delivering workshops and talks on the topic of aging in the city.

URL:<http://www.radicalresthomes.com>

People

- Janet Torge, External Partner
- Louise Quinn, External Partner

Project type

- Research

Faculty

- John Molson School of Business
- Faculty of Fine Arts

Keywords

- self-governance
 - ageing
-

The Point(e) of the Interstices: Tensions between Community and Capitalist Appropriation over Interstitial Spaces

Following the shift from an industrial economy to a capitalist one, the legacy of an industrial past has left its marks on the landscape of Pointe Saint Charles in the form of disused train yards, spaces on street edges, spaces under infrastructure lines, and abandoned industrial sites. While city governments, urban planners and developers see such spaces, aka interstitial spaces, as an opportunity for urban regeneration and capitalist investment, community members view them as an opportunity to cater their needs and desires. This project situates interstitial spaces in Pointe Saint Charles as resourceful and opportunistic spaces in the city that reveal unexpected and meaningful narratives. More importantly, it puts forward an alternative way to explore the city as the true and everyday Pointe Saint Charles can be explored through these community-planned spaces rather than pre-planned spaces.

Project type

- Research

Faculty

- Faculty of Arts and Science

Keywords

- community planning
 - gentrification
 - tension
 - interstitial spaces
-

Design and Community Engagement

For the Design department, engage in the community literally means to put into practice the program's philosophical directive of creating links and engaging with Montreal communities via student internships that consist in collaborative projects and public artworks. This class aims at creating sustainable development tool in digital literacy, art and communications. In this this class, the student prepare two internship of approximately 20-hour of implication each. One is conduct in the fall term and the other in the winter term. Concordia students work with an individual, a group of participants or directly with an organization to produce: a book / music / postcards / posters / newsletter / web design / video or board games / digital reflexive portfolio / animation / film / painting / sculpture / dance / installation. Those internships could be conducted at Concordia University, in a community or non-profit organization, or both.

People

- Israel Dupuis, Concordia Faculty

Partner

- Y des Femmes Centre-Ville, Nonprofit
- Centre for Arts in Human Development, Nonprofit

Project type

- Teaching / Learning

Faculty

- Faculty of Fine Arts

Keywords

- internships
 - sustainable development
 - digital literacy
 - public artworks
-

Bâtiment 7 Design Charrette

Current Bâtiment 7 projects only occupy about a third of the inside space. Though some of the rest will be taken up by the food and family services initiatives, there are several issues — both inside and out — for which the community is turning to Concordia for design and planning help. In fall 2018 a number of Concordia professors took part in a design charrette — a form of stakeholder consultation where ideas about design can be freely exchanged and adapted. An interdisciplinary endeavor, the project brings together undergraduate and graduate students working in the fields of urbanism and architecture, urban farming, design, and community engagement. We can help come up with ideas that reflect the community's values for the development of the exterior of the building. The community is interested in creating a new public space and possibly a community garden. We're also looking at possibilities for a green alley and blue alley, linked to water management.

URL:<http://www.batiment7.org/en/about/>

People

- Kregg Hetherington, Concordia Faculty
- Shauna Janssen, Concordia Faculty
- Alex Megelas, Concordia Staff
- Carmela Cucuzzella, Concordia Faculty
- Alice Jarry, Concordia Faculty

Partner

- Office of Community Engagement, Concordia
- Institute for Urban Futures, Concordia
- Batiment 7, Social or Collective Enterprise

Project type

- Teaching / Learning
- Research

Faculty

- Other
- Faculty of Arts and Science
- Faculty of Fine Arts

Keywords

- charrette
- Experiential learning

Montreal Waterways

What relations do waters hold together, and what stories do they tell about city life? Within Concordia's Ethnography Lab, the Montreal Waterways project engages with diverse, site-specific ways that Montrealers negotiate the historical, political, infrastructural, and natural boundaries of urban living in the face of contemporary challenges. Since 2017, our team has reconstituted a number of these water objects: the canalized Saint-Pierre river, whose trajectory across time and space haunts the city's landscape, infrastructure, and historical imagination; the 2015 Flushgate controversy, when a sewer maintenance operation revealed the temporal disjunctures between infrastructural and political life; the laboured redevelopment of the Lachine-East sector, cradle of Canadian industrialization, whose fate was tied to the de-industrialization of the Lachine canal; the more-than-human communities that congregate around the repurposed Lachine canal.

URL:<https://ethnographylabconcordia.ca/working-groups/montreal-waterways/>

People

- Elie Jalbert, Concordia Student
- Tricia Toso, Concordia Student
- The Montreal Waterways Team, Concordia Student
- Gregg Hetherington, Concordia Faculty

Project type

- Research

Faculty

- Faculty of Arts and Science

Keywords

- Infrastructure
- Politics
- Environment

Art Hives Network and Art Hives HQ

The Art Hives HQ is home of an international network linking over 165 community-based art hives, whereby strengthening a diversity of voices and fostering the creative actions of people living in isolated communities. Located in storefronts, universities, places of worship, social housing, parks, libraries and museums, AH welcome everyone as an artist-scientist to explore creative reuse, art and natural materials. Using Science Shop and creative arts methodologies the HQ team mentors community members, students, graduates, and faculty in joining together to ask complex questions that matter. We build bridges between universities, municipal governments, and neighborhoods, in order to support public policy for social transformation through developing creative third spaces of inquiry. The HQ also hosts Art Hives 101, Art Hives Institute, Art Hives Symposium, monthly AH community of practice meet-ups, and ArtsCorpsConcordia, a student volunteer placement service in creative community arts.

URL:<http://arthives.org/arthiveshq>

People

- Rachel Chainey, Concordia Staff
- Janis Timm-Bottos, Concordia Faculty
- Monica Escobedo, Concordia Staff
- Paid students, new graduate facilitators, Concordia Student
- Volunteers, ArtsCorpConcordia,

Partner

- Le Milieu, Coopérative de Solidarité Créative, Social or Collective Enterprise
- The Art Hive at the Montreal Museum of Fine Arts, Public Institution
- La Ruche D'Art St-Henri, Nonprofit
- Concordia University Art Hive (SGW), Concordia
- The NDG Art Hive, Nonprofit
- NDG Seniors Atelier, Nonprofit
- La Ruche d'Art Pointe St-Charles, Nonprofit

Project type

- Extra-curricular
- Teaching / Learning
- Research

Faculty

- Faculty of Fine Arts

Keywords

- art hives network
 - art hives
-

Brossard-Panama Area Redevelopment

Students in the Advanced Urban Laboratory have produced redevelopment planning schemes around the future REM-Panama station in Brossard based on an integrated approach including transportation, land-use, urban form and environmental systems. The main aim was to develop scenarios that would improve the quality of life of current and new residents while diminishing their dependence to the automobile.

People

- Pierre Gauthier,

Project type

- Teaching / Learning

Faculty

- Faculty of Arts and Science

Keywords

- Physical Planning

- Brossard
 - Urban Sustainability
 - TOD
-

Mars Rover

Space Concordia's Robotics Division was formed as an engineering final project in 2012 and has grown substantially ever since. The team is composed of engineering students who design the rover, as well as students from other disciplines who aid in project management, finance, marketing, and producing our videos. Over the years, the Robotics Division has focused on different parts of the rover. After our revival, the robotic arm was the first subsystem to be designed and built. Next was the mobile platform, and then came the science module. The latest subsystem to be developed is the Autonomy Module, which will allow the rover to perform tasks such as navigation and object manipulation with reduced human interaction. The team currently develops the rover with the intent of participating rover competitions such as URC in the Mars Desert Research Station or ERC in Poland. We intend to expand our scope in the coming years.

URL:<https://spaceconcordia.github.io/robotics.html>

People

- Joshua Glazer, Concordia Student

Project type

- Extra-curricular
- Teaching / Learning
- Research

Faculty

- Gina Cody School of Engineering and Computer Science

Keywords

- Mars
- Space
- Space Technology
- Robotics
- Rover

The Flâneur as a Geographic Database: The Atlas of Montreal Flânerie

Amongst the proliferation of urban narrators such as urban dwellers, decision-makers, politicians, tourists, travellers, workers, and shoppers who have particular points of view and attitudes toward what they observe or perceive, there are individuals called flâneurs. They occupy a specific place in the city due to their unique type of wandering and strolling, and their way of observing the city from a critical point of view. These are people who tell their own stories of the city which are local, very personal, toneless, and somehow ignored by most of whom are engaged with cultural geography, cartography and decision-making. In this project, I am trying first to identify and collect Montreal flâneurs and make sense of their productions and stories, and then to develop new forms of representation that will capture the essence of the places described and depicted in these flâneries through mapping and creating an atlas of them.

Project type

- Research

Faculty

- Faculty of Arts and Science

Keywords

- storytelling
 - story life
-

Geog 466 - Mapping accessibility in downtown Montreal

With the proliferation of online mapping tools, there is enormous potential for improving the dissemination of information on accessibility in the urban environment. In the context of the Geog 466 (Geoweb and Geomedia) we have started an ongoing collection of accessibility-related data for public spaces (e.g. sidewalks, crossings, stores and public buildings) and shared this data on the open mapping platform: Open Street Maps. Every year the students map more accessibility data in downtown Montreal.

URL:<https://www.openstreetmap.org/#map=17/45.49621/-73.57881>

People

- Sébastien Caquard, Concordia Faculty

Project type

- Teaching / Learning

Faculty

- Faculty of Arts and Science

Keywords

- Disability
 - Accessibility
 - Mapping
 - Cartography
-

Meet me at the mall: Engaging older adults in living labs for well-being

This project will create a living lab in the Cavendish Mall that connects Concordia students and researchers with Montreal's community of older adults. The living lab, located in a mall storefront, will be a community space that facilitates the co-creation, design, production and dissemination of university-community research. Through music, visual arts, literature and more, older people will work in collaborative partnership with researchers to explore science and express their needs and experiences.

People

- Karen Li,
- Najmeh Khalili Mahani,
- Tracie Swim,
- Shannon Hebblethwaite,
- Linda Dyer,
- Janis Timm-Bottos,
- Cheryl Gladu,
- Laurel Young,
- Meghan Joy,

Project type

- Extra-curricular

Faculty

- Faculty of Arts and Science

Keywords

- art
- elderly
- ageing
- living lab

CityStudio

CityStudio is a civic innovation program that engages postsecondary institutions, civil society, government, and businesses in creating collaborative solutions to urban challenges, with the goal of co-designing vibrant and livable cities. The CityStudio program streamlines project development and facilitates project team formation, providing more opportunities for faculty and students to get involved in civic innovation activities. The nature of the projects depends on local circumstances, including the capacities and priorities of local governments and citizen groups, and the expertise and interest of faculty in participating universities.

URL:<https://citystudiomtl.com/>

People

- Maude Lecourt, Concordia Staff
- Nadia Bhuiyan, Concordia Faculty
- Raphaëlle Bilodeau, External Partner
- Vincent Chapdelaine, External Partner
- Patrick Dubé, External Partner

Partner

- 4TH SPACE, Concordia
- Espaces temps, Nonprofit
- Maison de l'innovation sociale, Social or Collective Enterprise

Project type

- Extra-curricular
- Teaching / Learning
- Research

Faculty

- Other
- Faculty of Arts and Science
- Gina Cody School of Engineering and Computer Science
- John Molson School of Business
- Faculty of Fine Arts

Keywords

- experiential learning
- innovation lab
- social impact
- living lab

Alley Atlas: one Montreal backstreet in six maps

Alleyways are difficult to map: they are the hidden, the ignored, the “back side” of city space. Urban alleys rarely receive any focused cartographic attention—map makers typically present them as sets of basic lines, or omit them altogether. Existing in the urban conscious as at best utilitarian, at worst breeding grounds for the dangerous and derelict, these spaces escape representation. In Alley Atlas, I use a combination of oral history

interviews, historical research, and observational data to develop a series of maps devoted to telling the multifaceted story of one downtown Montréal laneway. The map-stories in this atlas approach the space from topics of gender, death, identity, mental illness, nighttime, and community. All of the map concepts arise through the data itself in a process of inductive visualization (Knowles, Westerveld & Strom, 2015) and intuitive artistic exploration.

People

- ANJA 1,

Project type

- Research

Faculty

- Faculty of Arts and Science

Keywords

- map
- alleyway
- lane
- cartography
- alley
- story
- atlas

More Than Waiting for the Bus

We ran an international student competition and asked the students to think about ways in which the space surrounding the bus stop can be used to that people feel like they are “More Than Waiting For The Bus”. This

was the name of our international competition.

People

- Carmela Cucuzzella, Concordia Faculty

Partner

- Conseil Régional de l'environnement de Montréal, Public Institution

Project type

- Extra-curricular

Faculty

- Faculty of Fine Arts

Keywords

- design
- bus shelter

Cities X Citizens

The project Cities X Citizens, which focuses on the democratization of planning and urban design through participatory design methodologies and open-source systems. Bridging research, pedagogy and design practice, he developed urban design methodologies, open planning and planning-in-situ, to redesign interstitial spaces in Montreal through collaborative community engagement. Under the coordination of Silvano De la Llata and with students as facilitators, the methods of planning-in-situ and open planning were tested for the first time in two parks. Other example of projects: revitalize urban alleyways and other public spaces in Downtown Montreal (Ville-Marie). Creation of a system of sustainable public spaces (such as linear parks, tree

canopies and spaces for solar-panels) to socially and physically reconnect the neighborhoods of Côte-des-Neiges and Notre-Dame-de-Grâce divided by Decarie Expressway.

URL:<https://www.citiesxcitizens.com/>

People

- Silvano De la Llata, Concordia Faculty

Partner

- Neighborhoods of Notre-Dame-de-Grâce, Public Institution
- Neighborhoods of Côte-des-Neiges, Public Institution
- Montreal City, Public Institution

Project type

- Teaching / Learning
- Research

Faculty

- Faculty of Arts and Science

Keywords

- public space
 - citymaking
 - urban design
-