



NETWORK is an annual joint publication of the Faculty of Architecture and the Partners Program at the University of Manitoba, Winnipeg, Canada.

Environmental Design Program
Department of Architecture
Department of City Planning
Department of Interior Design
Department of Landscape Architecture
Ph.D. in Design and Planning

The Faculty of Architecture aspires to offer widely recognized and highly valued design and planning undergraduate and graduate programs that promote a respectful, collegial, interdisciplinary culture of teaching, scholarship, and service within the University and beyond.

NETWORK is circulated to Faculty of Architecture alumni all over the world, and professional and industry firms throughout Western Canada. NETWORK welcomes articles, comments, and information related to issues affecting the design community.

To update your mailing address please contact:

Mail Alumni Association Inc.
University of Manitoba
Unit 200-137 Innovation Drive

Brandy O'Reilly

Online

Produced by

Text editors

Unit 200-137 Innovation Drive Winnipeg, MB R3T 5Y3 alumni_updates@umanitoba.ca umanitoba.ca/alumni/ Faculty of Architecture

Graphics Brandy O'Reilly, Aynur Omar + Sari Halldorson Haines

Contents

Faculty reports
5-12

Student work

13-30

Partners Program

31-42

Events/outreach

43-60

Connectivity

61-74

Awards

75-84





Susan Close Associate Dean (Academic)

-66

Many thanks to all the dedicated instructors, support staff and administrators who have worked together to facilitate the positive learning environment that is the Faculty of Architecture.

99

During the academic year 2022-23, the Faculty of Architecture transitioned back to the classroom, the studio and in-person teaching, carrying significant lessons learned in resilience during the COVID-19 pandemic. We returned to our buildings with many new skills, such as navigating education using online platforms. Moreover, we came back with a more profound understanding of the importance of our sense of community as a faculty. As we worked together this past academic year, it was apparent that restoring this feeling of community was one of our key challenges, so we made it one of our key priorities. Under **Dean Mimi Locher**'s leadership, there were numerous significant academic initiatives and expansions of existing programs to help students and instructors thrive as they rebuilt their academic community. Some events were on a small scale, such as opportunities to share a welcome coffee on the first days of classes; others were larger such as attending in-person spring convocation and watching dozens of happy and relieved students walk across the stage to pick up their degrees. What follows are some of the events and programs that helped to bring us back together successfully.

The Academic Writing Tutor

Our embedded writing tutor program continued to a tutor with a design background to assist students with issues related to academic and professional writing. John Harper, who has a Master of Landscape Architecture degree and is an Environmental Design sessional instructor, was trained as a writing tutor by Kathy Block, Writing Services Coordinator at the Academic Learning Centre. John has also taught English as Second language courses and assisted graduate and undergraduate FAUM students during the Fall and Winter terms.

Extended hours for Embedded Student Counsellors

Our extended hours for the Student Counsellor program continued in 2022-23; **Dr. Tim Osachuk and Linda Churchill** were available to talk with our students two days a week through the Fall and Winter terms. They also advised instructors on how to assist students with transitioning back to in-person instruction.

Academic Integrity Architecture Pilot Project

An Academic Integrity Architecture pilot project modeled on what was developed by the Faculty of Arts was developed in the Winter term of 2023 and will be introduced in the Fall term of 2023. This project will make dealing with minor infractions of academic misconduct simpler and less time-consuming for students, instructors, and administrators.

Teaching Workshops and Events

Some of the workshops and events offered included:

Transparent Teaching: Designing for Equitable and inclusive student success

Colleen Webb and Robina Attas from the Centre for Academic Teaching and Learning (CATL) facilitated two transparent teaching workshops. Transparent teaching offers simple strategies to make required skills, knowledge, and criteria explicit and equitably accessible for all students. By clarifying the purpose, task, and criteria for success through minor adjustments to 2 assessments ranging from studios to essays to grant proposals, instructors can foster success among all learners.

Orientation for New Faculty and Sessionals

An in-person orientation was organized by **Susan Close** and **Brandy O'Reilly** to welcome new faculty and sessional instructors and to provide an overview of crucial information for the academic year 2022-23. It was also attended by Unit Heads and **Dean Locher** and concluded with an opportunity to have coffee together and answer questions.

Return to In-Person Classes for Instructors

A special presentation for all FAUM teaching faculty and support staff by **Dr. Tim Osachuk and Linda Churchill**, our embedded counsellors from Student Counselling and Matthew Carvell from the Student Advocacy Office, on what students returning to inperson classes might be experiencing. It provided insight into how these offices can support students and instructors.

Anti-Racism Workshop

The FAUM Equity, Diversity, and Inclusivity (EDI) advisory committee co-chairs **Brandy O'Reilly** and **Kelley Beaverford** organized a workshop on how to Engage with Anti-Oppression / Anti-Racism(s) Framework facilitated by **Dr. Warren Clark**. This workshop provided the foundational knowledge to build a race-conscious and anti-oppression organization. Through the engaging training program, participants explored systemic oppression, social justice, privilege, identity and allyship.

Academic Integrity and Artificial Intelligence

An Artificial Intelligence (AI) presentation was facilitated for FAUM instructors by **Brenda Stoesz**, CATL, to discuss issues and answer questions about Al and education.



Kelley Beavorford Head of Department, Interior Design

66

Many thanks to all the dedicated instructors, support staff and administrators who have worked together to facilitate the positive learning environment that is the Faculty of Architecture.

9

The return to in-person learning led the way to an interesting academic year. On the one hand, a walk around the school looks like before the pandemic, only busier, with gaps to fill and new opportunities to pursue. On the other hand, things have changed as we embrace the return to campus as a time to reflect on how and what we teach and learn. As a result, we continue to offer excellence in interior design education with a heightened awareness of the need for flexibility, inclusivity and accountability in our programs. Let's take a look at some of the highlights.

Dr. Cynthia Karpan served as Acting Department Head from July 1 – January 1, 2023. She made many contributions as a leader; however, reviewing the Post-Professional Master of Interior Design program with input from the profession is a high point. The impetus for this review is a need to make the program more accessible for practicing Interior Designers. Cynthia also

co-taught EVIE 3008 Studio 3.1 with Ola Hiraeth designers Renee Struthers, Tanya Peters and Katie Godfrey and EVIE 4006 Design Methods and Processes and IDES 7170 Interior Design Research Methods.

Introducing our newest full-time faculty member, **Instructor Umid Abdullaev**, is a pleasure. He is an NCIDQ and LEED professional with a Master of Interior Design from the University of Manitoba and a Bachelor of Industrial Design (Engineering Route) from the University of Alberta. Umid is passionate about sharing knowledge of design practice, theory and computational design. He co-taught two studios (EVIE 4010 Interior Design Studio 4.1 and EVIE 4012 Interior Design Studio 4.2) and independently delivered EVIE 4002 Indoor Systems and IDES 7000 Graduate Seminar.

Dr. Susan Close continued as Associate Dean (Academic) for the Faculty of Architecture. This year, she travelled to Dublin and Halifax to conduct research for her book, *Photographic Purlieus: Intersections of Photography with the Built Environment.* Susan taught IDES 7180 Theory Seminar I and IDES 7190 Theory Seminar II in the fall and winter terms. In the summer, she taught Travelling Concepts in Photography in Montreal, Ottawa, and Winnipeg, leading an interdisciplinary team to explore the urban context through photography.

Associate Professor Tijen Roshko balanced teaching with her passion for exploring wearable architecture. This creative project, called Kolyetjn, is inspired by the human body's fluidity and Euclidian geometry's strength. Tijen mentored a team of designers to create felt-textile compositions worthy of national exhibitions, fashion shows and publications. Her teaching responsibilities included co-teaching EVIE 4010 Interior Design Studio (Umid Abdullaev) and 4.1 and IDES Master's Studio 2 (Kleighton Burns), plus offering a travel-study course for MID students in Istanbul.

Assistant Professor Jason Shields taught EVIE 4012: Interior Design Studio 4.2 (with Umid Abdullaev) and IDES 7200 Masters of Interior Design Studio One. Both studios produced excellent work and engaged the professional community for input. The MID studio examined the complexities of an Animal Care Facility with the assistance of MID graduate Kara Aiello. Jason's research examines the role of Virtual Reality (VR), Mixed Reality (MR), and AI-generated virtual environments in interior design.

Instructor Katherine Isaac taught IDES 7250 Professionalism and Practice and facilitated the Interior Design Work Experience Program (WEP). All students in the First-professional MID program complete the WEP, which involves 175 hours of work experience plus twelve hours of preparatory workshops, facilitator meetings, and post-job assessments. Katherine also served as our PIDIM representative and is instrumental in keeping this vital relationship at the forefront of discussions and planning in the Department.

Assistant Professor Kurt Espersen-Peters shared his notable skills by teaching EVIE 3006 Interior Design Media, EVIE 3010 Interior Design Studio 3.2 (with Tamara Nyysola), and IDES 7280 Advanced Topics in Contemporary Interior Design. In the spring session, he offered an interdisciplinary elective called EVDS 3710 Mind the Design: Mindful and Contemplative Approaches to Design Thinking. Kurt is a Ph.D. Candidate in Literature & Creative Writing at Lancaster University, UK. He recently presented a paper on "Landscape in Decay: Ruskin's Writings on Architecture, Geology, and Wisdom."

Dr. Shauna Mallory-Hill's accomplishments as a researcher are exceptional. Some outstanding examples include the publication "Renovations of a Long-Term Care Center for Residents with Advanced Dementia—Impact on Residents and Staff" and the "Aging in Place Ergonomic Kitchen Design" presentation at the Center on Aging Spring Symposium. She is involved in five research projects, as a co-investigator in four and a principal investigator in one. In addition to handling a robust research agenda, she taught EVIE 4004 Indoor Systems and EVIE 3014 Human Factors this year.

I was on sabbatical in the fall term; however, I remained active in the Department as a mentor to sessional instructors and graduate students. On January 1st, I returned to the position of Department Head, committed to guiding our Department through our CIDA Accreditation review in 2025. I enjoyed teaching EVIE 4000 Interior Design History and Theory in the winter term and initiating two new research projects, one on global learning spaces and the other on graduate-level interior design education.

In closing, I want to thank everyone mentioned above, plus the outstanding committee members, sessional instructors, teaching assistants, graders, administrative staff, members of the profession and, of course, the remarkable students in the EVIE and MID programs for making 2022-23 a year of accomplishments, reflection and another step forward for the Department of Interior Design!



Anna Thurmayr Head of Department, Landscape Architecture

-66

These initiatives created exciting opportunities to share memories, honour achievements, and unite people.

99

50th Anniversary

We celebrated the 50th Anniversary of the Master of Landscape Architecture (MLA) program and the Department of Landscape Architecture in 2022-2023. Events were held during the academic year, including the Homecoming gathering, fundraising for the 50th Anniversary Scholarship, community bulb planting, memorial tree planting, invited speakers, and alumni exhibitions. These initiatives created exciting opportunities to share memories, honour achievements, and unite people. For more information, click here.

Faculty Update

The Board of Governors approved the recommendation to appoint **Dr. Yuhao Lu** as Assistant Professor in the Department of Landscape Architecture, effective August 2023. With his focus on GIS, earth observation, spatial analytics, cartographic representations, and data visualization, Yuhao brings additional strength to delivering graduate and undergraduate courses.

In May 2023, **Dr. Philip Ronald** accepted the offer of a nil-salaried three-year appointment at the University of Manitoba as an Adjunct Professor in the Department of Landscape Architecture. Philip's qualifications and expertise have been fundamental to the department since 2006, and he will continue teaching courses and serving on graduate student advisory committees.

Student Records

Seven students graduated from the MLA program and twenty-one from the Landscape + Urbanism (L+U) option in the Environmental Design (ED) program this academic year. Graduation, intake, and enrolment remained within normal year-to-year fluctuations. However, it is notable that the global pandemic and its precautionary measures have challenged students to keep up with their study routines and progress, particularly practicum students in self-directed courses have been affected, and their number has increased.

We are proud of all students' work this year and delighted with the following placements. MLA students Augusta Ho and Mathew Glowacki were the new University of Manitoba Graduate Fellowship recipients in 2022-2023. Jordan Cantafio was the LACF's national Peter Jacobs Indigenous Scholarship recipient in 2022. Lindsay Mamchur was the LACF's Andre Schwabenbauer/ University of Manitoba MLA Scholarship recipient and Smile Singh of the SALA Academic Award. Matthew Glowacki and Gel Ilagan won the 2nd prize in the international 2023 Digital Landscape Architecture Student Poster Competition, submitting their studio project (instructor Dietmar Straub). Michael Fitzpatrick (1st prize) and Brock Dueck (honourable mention) placed in the North American Lyceum Competition, entering their studio work (instructor Marcella Eaton). L+U student Lisbeth Hilderbrand's short film "The Urban Landscape and Self" was selected by the ArchiShorts Jury to be screened at a public event at Dave Barber Cinematheque in April.

MALA and LASA presented "DƏNE YI'INJETL - The Scattering of Man," a documentary film directed by Luke Gleeson. The film was screened at the Dave Barber Cinematheque in Winnipeg and was followed by a panel discussion with the director. This and many other extra-curricular events were organized by LASA president **Alex Boss** and MALA student rep **Smile Singh** with help from many other students.

Short Notes

Department members participated in multiple scholarly activities and made their work accessible to the public through diverse media: Alan Tate (book submission), Anna Thurmayr

(interviews, articles, display), **Brenda Brown** (book publication, presentations), **Dietmar Straub** (interviews, articles, display), **Frits van Loon** (workshop, abstract submission), **Jean Trottier** (article, panel presentation), **Kamni Gill** (book chapter, book proposal, presentations), **Marcella Eaton** (book submission, chapters).

We actively engaged in service outside the university: Alan Tate (JoLa, LJ, MALA, Urban Design Advisory Committee Wpg.), Anna Thurmayr (MALA, CEVRA Advisory Committee, Lake Manitoba First Nation), Brenda Brown (Eleanor Kidd Park, Bee City Brandon), Dietmar Straub (Wpg's Master Green Space and Natural Corridors Plan and Biodiversity Policy Advisory Committee, Manitoba Museum Indigenous Scholarin-Residence Sponsor, Lake Manitoba First Nation), Frits van Loon (Ecocities World Summit Rotterdam), Jean Trottier (CCU, LAAC, Canadian Planning and Policy, LP Magazine), Kamni Gill (JoLA, LJ, CSLA, Storefront Manitoba One Green City Committee, CUFC Urban Forest Conference Programme Committee, Manitoba Urban Forest Council Board of Directors, Arboreal Inquiries Design and Research Group), and Marcella Eaton (Clan Mothers, Land Terre Design Research Network).

A Parks Canada research grant funded **Jean Trottier**'s study for Parks Canada. A Trails Manitoba Grant supported **Dietmar Straub**'s and **Anna Thurmayr**'s Lake Manitoba First Nation outreach activities. **Kamni Gill** and **Jean Trottier** were on leave in the fall term, and **Brenda Brown** in the winter term.

Returning To In-Person Learning

We successfully returned to in-person learning operations in the Fall term of 2022. Mask mandates were lifted in May 2023.

Recommended Reading 2023

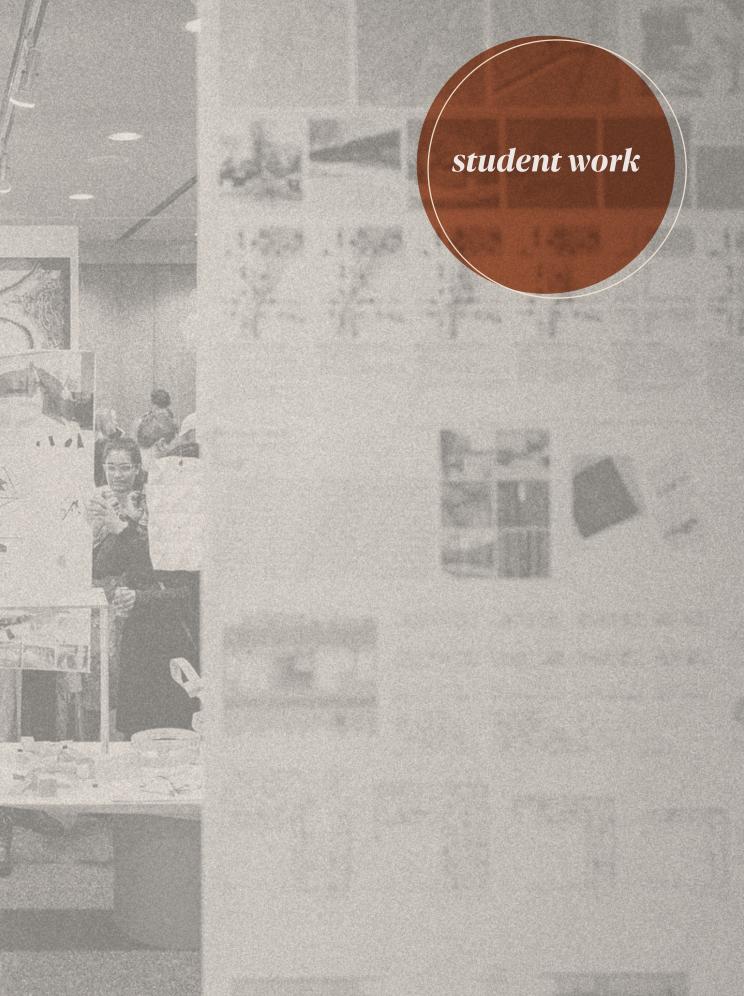
Congratulations to Brenda Brown on her book, published in May 2023:

Landscape Fascination and Provocations: Reading Robert B. Riley.

edited by Brenda J. Brown

Baton Rouge: Louisiana State University Press. 23 contributors. 2023.







Natalic Cole Bajet Environmental Design Year 4 Architecture

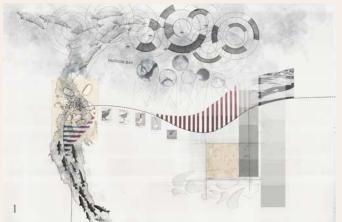
Natalie Cole Bajet, a recent graduate of the Environmental Design Program in June 2023, was born in the Philippines and has called Canada home for the past seven years. With a passion for storytelling, Natalie's design process begins by crafting narratives that encapsulate the essence and experience of a site, using them as a guiding force in her architectural designs. By delving into the stories of places, she creates spaces that not only function effectively but also engage the emotions and imagination of those who inhabit them.

Continuing her academic journey, Natalie will pursue a Master of Architecture degree at the University of Manitoba in the fall of 2023. Her primary focus is on reconciling architecture,

particularly industrial buildings, with the natural world. She aims to create spaces that seamlessly blend functionality with a deep connection to nature. Integrating elements such as green spaces, natural light, and sustainable features, Natalie strives to enhance working conditions while fostering a sense of tranquility and harmony within the built environment.

Recognizing the importance of our relationship with the more than human beings that share our world, Natalie sees architecture as a bridge between humans and more than human world. She firmly believes in designing spaces that honor and respect the living systems around us, allowing for harmonious coexistence.

1. Churchill in 200 years
2. Master plan
3. Fish pond
4. Gathering perspective
5. Research centre floor plan





Rivertales: Fish Harvesting and Wildlife Education Center

By 2200, the town of Churchill in Manitoba will confront escalating flooding due to increased precipitation and rapid spring snowmelt. The widening of the Churchill River, triggered by melting permafrost and spring melt surges, has led to habitat loss, pollution release, and the vanishing of recreational areas.

Rivertales is a fish harvesting and wildlife education center situated in Goose Creek Marina Wayside Park along the Churchill River. It aims to create microclimates that enable various species, including freshwater, subterranean, and avian creatures, to thrive in their natural habitats, while humans are merely to observe and learn from their interactions. The project unfolds through the narrative of a fish in the Churchill River:

For years, I have lived along the waters of the Churchill River. Yet the river is no longer as I remember it. As my world expanded, it grew increasingly violent, warmer, and darker. The river's fury eroded its edges and the aquatic plants that once served as my home. During spring, when I lay my eggs, the river's violent current and sudden rise engulf even those on land.

Years have passed since I discovered this place while seeking a new home to spawn the next generation. The floods no longer terrify us, as we have found shelter within these walls of sticks and stones. Sometimes, I catch a glimpse of a crab hiding between the gaps in our protective walls, while ants and bees prefer the upper areas to build their homes. When the river rises, I marvel at the colorful lichens adorning the stone slabs; they too have found their home.

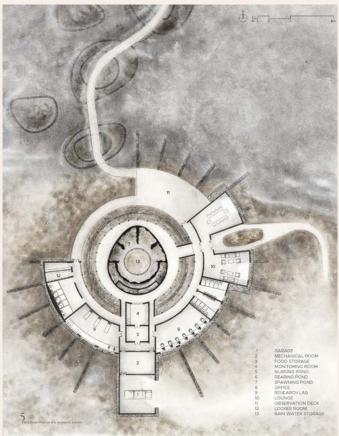
Today, I observed numerous silhouettes above the water. Some are large, but most are small. At times, they peer down upon us as we swim through this vibrant weed bed. They extend their hands to feel the water between their fingers and even submerge, wiggling their feet as if trying to dance.

I hear them recounting stories about us—the belugas that visit when the water warms and the birds that come to feast after their long journeys. The birds can also hear these tales, for they continually soar above us, poised to swoop down. Resting atop the tree-like structures that shelter the silhouettes, the birds have found this place harmonious, much like us.

I never knew that the hands that once exploited us would construct a world for everyone to share. In this ever-expanding river, a world exists within us where equality and mutual benefit thrive. It is a world that shields, nourishes, and empowers us to adapt to this everchanging environment.

Immersed in the fish's narrative, Rivertales brings to life the interconnectedness of all species. Comprising three purpose-built structures—a research center, storytelling area, and communal center—it provides an immersive climate education experience. Visitors can delve into research, engage in captivating narratives, and participate in communal activities. Moreover, Rivertales aims to invigorate shoulder season tourism by cultivating recreational spaces that cater to the enjoyment of all.







Tessa Horn Environmental Design Year 4 Interior Environments

Tessa Horn graduated with her Bachelors of Environmental Design in June 2023 from the Faculty of Architecture. She will be continuing her design studies in the Masters of Interior Design Program in Fall 2023 at the University of Manitoba.

Growing up, Tessa was always building and creating in the yard of her country home. Her passion to learn and create has led her to architecture and design. Now, her passions have grown to include a wide range of making techniques from wood-working, construction, and gardening to rendering, 3D printing, and virtual reality.

Tessa strives to create efficient and functional spaces that are conscious of their environments as much as they are beautiful. Her goal is to do this while simultaneously incorporating joyous wonder into her designs and pushing the boundary of the built environment.

Forest School: Terrarium

Terrarium is a Forest School located within the Wallace Building at 125 Dysart Road on the University of Manitoba's Fort Garry campus. This Forest School was created for children between the ages of 5 to 12 and is designed to integrate the traditional indoor classroom with our natural environment.

This studio began with the creation of a toy that is inspired by nature and that would be suited for the target audience of the school. STUMPED! is a simple tilting maze toy. This toy is made of a two inch slice of an oak tree with a recessed center to create a void space. Within this void space are wooden pegs and holes in a geometric pattern. Enclosed within the void space by a thin round sheet of acrylic are three metal balls. The objective of this game is to tilt the wooden slice around until the three metal balls are aligned in the holes.

The design concept for the Forest School, Terrarium, was inspired by the rings that are found in trees and can be seen in the toy STUMPED!. These circular rings represent the growth of the tree and were found to be a suitable feature for a Forest School that is intended to educate and help young children learn and grow. The more detailed and jagged lines, from the bark outline, are used for smaller scale features like the archways to the library or sharing

boards in the teaching spaces. The overall layout of the space in plan view is also influenced by these curvilinear elements.

The significance of this Forest School is its integration with the surrounding environment along the Red River. The mature trees on the site provide a shaded space for the children to play in, but still leaves plenty of light for plants to grow in the nutrient dense soil in the gardens. A shaded canopy provides a transition space from interior to the exterior environment where classes, workshops, or presentations can be held. Pod-like structures are found strategically scattered around the site as well. Some are used for storage for garden equipment, some are greenhouses, and others are warming huts for the colder months. Two large play structures that are made of several of the pod-like structures have been designed for an additional layer of creative play, one for the interior and one for the exterior environment.

This project is a Forest School and therefore has an essential dependence on the use of exterior spaces which are just as, if not more important as the use of the interior spaces. Having spaces in both environments to play, learn, and grow has been crucial during the design process of this project.







- 1. STUMPED! Toy
 2. Axonometric view of library seating and shelving
 3. Fish pond
 4. Gathering perspective
 5. Research centre floor plan



Sari Halldorson Haines Environmental Design Year 4 Landsape + Urbanism

Sari loves to discuss ideas with others. She strives to use design as a means to start conversations that address social and political equity, ecological protection, and aesthetic convention. Where her design education will take her in a professional context a question only time will tell, there are a few things she does know; she wants to work with people – within but particularly beyond the world of design.

Sari recently completed her Bachelor of Environmental Design in the Landscape + Urbanism Option. Outside the studio, she spends much of her time sewing, knitting, and riding her bike.

Emergent Futures

This studio asked students to imagine 10 000 new homes in the Winnipeg Metropolitan Region, built somewhere between the cities of Selkirk and Winnipeg. A greenfield site north of Winnipeg was proposed as viable for this residential development. This proposal challenges this site. Rather than 10 000 new homes beyond Winnipeg's city limits, this suggests 15 000 within. 10 000 new, 5000 replaced. But why stay within the city limits? Because the effects of urban sprawl on Winnipeg's inner city are quantifiable:

- The poorest postal code in Canada is in Winnipeg.
- 64% of residents here are Indigenous.
- It has the lowest life expectancy in the Winnipeg metropolitan region. Only 65 years old.
- More than 1/4 of households are in unsuitable housing.
- This region is a severe food desert. Residents are both geographically and financially disconnected from fresh, healthy food.
- Contamination in many of these inner-city areas eliminates opportunity for community initiatives to improve food security.

The social, economic, and ecological fabrics of Winnipeg's north end are as a direct result of the CPR and subsequent urban sprawl. It is time that we re-invest in the historical heart of the city, and provide indigenous and low-income people a healthy, safe, and affordable place to live.







This proposal is to take place in phases: deconstruction, remediation, reconstruction.

First, the rail yards are to be moved. this is surely a costly endeavour, but one necessary for the condition of our city moving forward. Phytoremediation – the use of plants to remediate soil – will be used wherever possible. Then comes deconstruction – a few blocks at a time. Displacement of residents is to be minimized by converting industrial areas first and building at higher densities. All residents are to be offered the right to return to a unit that better serves their needs.

Our future city must critically re-imagine its water and waste infrastructure. Winnipeg's original combined sewer system which services this area is in dire need of replacement – it cannot handle the amount of sewage we produce, and overflows over 1200 times a year. This development sets an alternative precedent – one that manages all water and waste on-site.

The integration of Indigenous ways of life is imperative to this redevelopment – Winnipeg has the largest urban Indigenous population in the country. It is also the city's fastest growing demographic. Indigenous people are, quite literally, our emerging future.

Neighbourhood nodes – 2x3 expanded blocks – are structured in a similar fashion to traditional Indigenous settlement patterns. Higher density development along commercial corridors and the resurfaced creek are geared towards new community members. Whether you be a resident of a townhouse or apartment block, these neighbourhoods prioritize open space for all, inviting critical re-investment into the area, while ensuring there is still place for those who already call it home.

"I am not proud to live in a city with the poorest postal code in the country. Nor am I proud that most of these people are Indigenous.

I am – as I imagine you may be – ashamed.

But what I also hope you feel – as I did when I learned these same things – is motivated. To imagine what the future could hold. To use your voice as someone with privilege to make these things known. To use your skillset - as a designer or otherwise - to offer what you can. Even if that's just your final undergraduate studio."

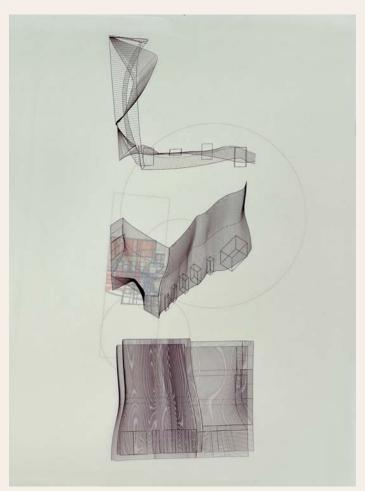


Tara Fuller

Master of Architecture Year 1

Tara Fuller is pursuing her Master of Architecture at the University of Manitoba, and holds a B.A. in Fine Arts, and a Bachelor of Environmental Design in Architecture. She is experienced in a variety of creative media, including painting, drawing, collage, calligraphy, graphic design and installation, and has worked professionally as a graphic designer and artist. In her architectural studies, she is interested in themes surrounding memory and materiality.







Untitled

The majority of gallery and museum collections are relegated to long term storage, and are rarely available or shown. The Attic is an open storage facility for archived art and objects that will create access to rarely seen works, reframe the role of the museum, and create individual connections to the past.

Visitors can move through the exposed storage spaces, fostering conversations around how and why objects are collected, and which objects are shown or not shown, and how objects are conserved, restored and cared for.

The interior spaces combine densely packed storage spaces filled with translucent drawers and racks, creating a visual 'collage'. A series of worm-hole-like light wells bring sun into common areas, while protecting storage spaces from direct light.

Broadly, this project is an exploration into the act of holding the past. It is a question of how to give memories a 'place to rest'— a mental container to house them.



Jeramee Fajardo

Master of Architecture

Advisor: Lisa Landrum

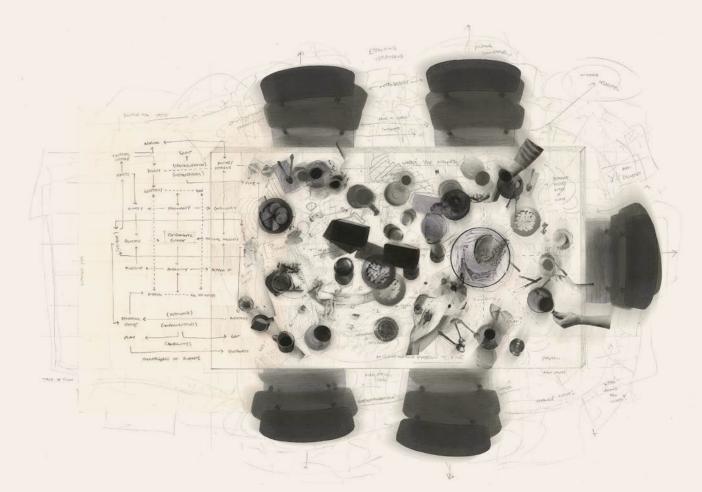
Jeramee Fajardo is a Filipino designer based in Winnipeg, Manitoba. He holds a Bachelor of Environmental Design and is a recent Master of Architecture graduate from the University of Manitoba. His work considers the palimpsestic nature of architecture and how it manifests in everyday life through multiple interfaces and scales found in the built environment. He creates work to exist in latency by encouraging a sense of appreciation and reflection for the hidden and unseen qualities architecture and its context.

Ode to Diners: Spatial Democracy in Dining Societies

The diner is an archetype of an affordable and accessible dining that has historically been recognized as a symbol of comfort for the working class in North American culture. They are venues for everyday meals, with a spatial democracy of inclusivity, affordability, and a curious mix of both anonymity and familiarity. The decline of their relevance in popular culture, because of dominant commercialized forms of dining, have made their presence as a North American icon ambiguous. Weathering through historical eras of wars, economic depressions, recessions and gentrification, the diner in contemporary cities is being threatened nowadays by globalization and economic uncertainties brought upon by the recent global pandemic. With its physical presence declining from contemporary cities, it brings into consideration whether it will close its doors for good, or could it perhaps persist as a symbol for the resilient working class, trans-generational communities, and as an artifact for the regional ethos? How can the democratic nature of the diner prosper the culture of local societies? Is it possible to preserve its iconic identity within the modern North American mythology, while reimagining a new future in which it becomes intertwined with the needs of present communities? Will this institution exist only as a memory, or could its architecture and its latent historical significance be reconfigured to respond and resonate with contemporary dining experiences?

The intention of this design thesis is to re-interpret and revitalize the diner. Through analytical processes as generative design, the articulation of a democratic architecture was created through the inspection of the diner's society, including the spirit of its dining narratives, cuisines, tectonic qualities, materiality, and social configurations. As the point of departure in re-imaging a new future for the dining typology, the diner and its extracted lessons acted as an analogue for ways in which architecture can be engaged to participate in the construction of cultural and sociospatial scenarios that challenge the status quo for contemporary food and dining practices.

In doing so, this thesis seeks to advocate for an architecture of democracy by learning from the diner - including its reciprocal relationships between the public realm, regional dining practices, and food economies. This contemporary dining establishment will ultimately serve as a catalyst for local activity and public agency to grow in anticipation for the democratization of spaces within the community of Selkirk Avenue in Winnipeg, Manitoba. Ultimately, this thesis is an attempt to reveal the latent significance of the diner institution in contemporary society – beyond nostalgia – but as a typological precedent towards a new narrative for this endangered institution.





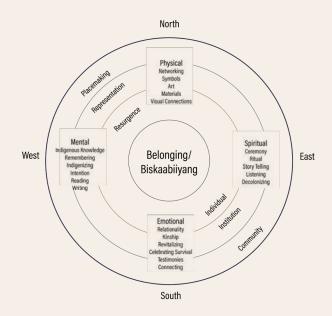


Courtney Allary
Master of Interior Design
Advisors: Dr. Cynthia Karpan, Shawn Bailey + Carla Loewen

Courtney Allary is a designer, researcher and educator residing in Winnipeg originally from the Interlake region of Manitoba. Her Métis lineage and family inform and inspire her work as a designer, as well as her research in Indigenous interior design and supportive transitional housing for Indigenous women and children. She received her Masters of Interior Design and Bachelors of Environmental Design degrees from the University of Manitoba and currently works as an interior designer for Brook McIlroy Architects.

Research is an Offering: Decolonizing Interior Spaces for Indigenous Belonging in Academia

Mâtinawewin (Cree, "the act of offering something") used interior design to reimagine an academic research space as a place that encourages Indigenous research practices and fosters belonging. Post-secondary education is essential to the continuation of countless disciplines and the betterment of Canadian people. However, in its current Western state, the Canadian postsecondary system is not in a place that properly accommodates the Indigenous student population. Historically, post-secondary institutions have been inequitable, much less enthusiastic promoters of Indigenous research and academia. Modern institutions do not possess the infrastructure for encouraging knowledge keeping or extensive cultural integration, nor the interest in preserving Indigenous language, history or culture, which can negatively affect the work and lives of First Nations, Métis and Inuit scholars. This project aimed to create needed physical space for the invaluable roles of Indigenous students and researchers in academic environments.





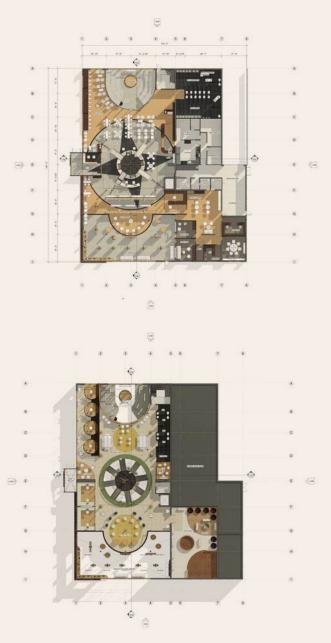


This project explored Indigenous placemaking to derive a unique typology and set of verbs that will take up space within the current academic research model and strengthen Indigenous roots in Canadian academia. This project had two main objectives: one, to create a concrete, dedicated space for the creation and circulation of Indigenous research for application in both academic efforts and community engagement, and two, to understand how a sense of "place" for Indigenous students can be improved upon using interior design within an academic space. The result is Mâtinawewin, a collaborative, holistic, community-focused research centre that embodies its name.

Mâtinawewin was named for the idea that research is a gift, an offering. Gratitude is expressing beliefs in the value of gifts. When you are thankful, you are creating energy as part of an immense spirit that contributes to collective healing. Offering energy leads to wholeness. Making offerings of tobacco or other medicines is also traditionally done when asking for knowledge or expertise from an Elder or Knowledge Keeper, showing the same faith and gratitude toward the gift that is being given and the energy that is being passed from one to another.

This process is how I see research. Research is born from an inequality, a question, an incomplete problem. We take it upon ourselves to gather knowledge and material. We travel to new places and meet people who can help us in our search for answers. We offer ourselves, our time, our passion in helping people, to finding new knowledge and ways of thinking. While research is inevitably overwhelming, it is also healing. We show gratitude for the knowledge we are given to the reciprocity we are shown in our journey. Research is continuously growing with very little given as an "answer," but each bit of energy we give back to Creation, to collective energy, is our offering, our gift.

Thinking in this way has been an effort in walking in two worlds, seeing with two eyes. There needs to be built places where this process, this way of thinking, is reflected in interior functions, aesthetics, and atmosphere. Academic spaces must not only be functional for the benefit of research but must physically remind us that thinking is multi-directional. Knowledge comes from a plethora of methods and places, and what we are accomplishing as Indigenous researchers are contributing to something greater.





Lindsay Mamchur Master of Landscape Architecture Advisors: Kamni Gill, Leanne Muir, Nathan Heavers

Lindsay Mamchur is pursuing a master's degree in Landscape Architecture after completing a Bachelor of Environmental Design in 2021. She is drawn to the carefulness, sensitivity, and challenge inherent in working with living things and processes. Trees, plants, sunlight, drawing, and photography recur in her work. As such, her practicum research explores cottonwood trees in Winnipeg, namely the ways that they are tended and attended as sentinels, or enduring protective figures, in the urban environment.

Slow Light Drawing

Pictured is a tree, a cottonwood, that I am studying through drawing as a research exercise complementary to my design practicum. The tree is located near the Red River in Point Douglas. The tree was nominated as a heritage tree in 1987, around the time that a neighbour, in an interview with the Winnipeg Sun, acknowledged the tree as a long-standing community landmark. Today, the tree is likely over one hundred and fifty years old.

Distanced from built structures, the tree receives generous light throughout the day. None of the tree's neighbours are large enough to act as significant obstructions. So, when there is sun, there is light falling on the tree.

Where and how the light falls are, of course, dependent on when.

The light I see in the morning is distinct from the light I see an hour later and an hour after that and so on until sunset. And the light I see in July, intense glare pouring through a heavy canopy, is distinct from the light I see in November, mild beaming through bare limbs.

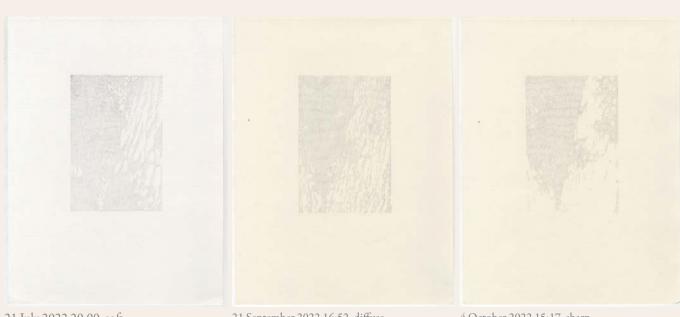
Looking at the illuminated tree feels like a special thing.

The process:

catalogues moments of light on the tree over time engages a vocabulary of light, in which each drawing is given a distinguishing adjective that describes the quality of light in that moment.

The drawings:

frame a single area around the fork of the tree's major branches, where light is variable and visible from the street level crop the tree tightly and at a large scale to reveal intricacies in light patterns reveal, through fixed framing, differences between light patterns at various times of day and days of year are rendered with a hard pencil to emphasize lightness and subtle contrasts distill light into two tones, the brighter left unshaded defamiliarize the tree and its space, reading simply as light and not light.



21 July 2022 20:00, soft

21 September 2022 16:52, diffuse

4 October 2022 15:17, sharp



20 October 2022 12:42, pale

26 November 2022 12:30, even

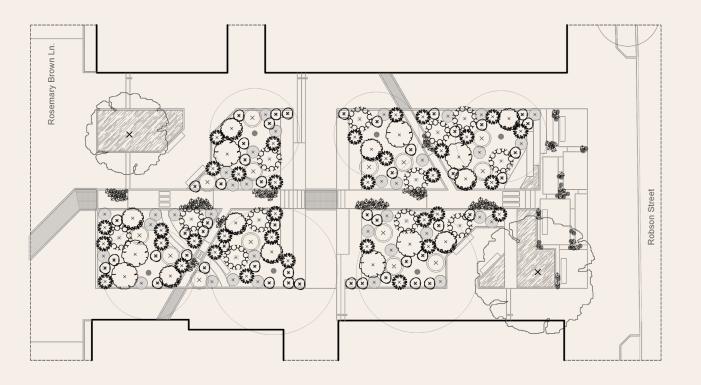
2 January 2023 14:15, etched



Matthew Glowacki Master of Landscape Architecture

Matthew Glowacki is a graduate student in the Department of Landscape Architecture moving into the practicum phase of the program. With an interest in urban parks and other large-scale public infrastructure projects, his practicum research seeks to explore how existing Olympic Parks can be transformed into usable spaces that better serve their communities after the conclusion of the games.

Details are what make a project genuine for Matthew, this is where his excitement for design stems from and on a past school trip to Europe, he was able to further recognize this passion. When not focused on landscapes, Matthew loves the uniqueness of small-scale residential architecture and its ability to relate to the surrounding environment. Blurring the lines between landscape and architecture is where the true essence of design reveals itself for Matthew, and the meshing of these two disciplines into one is where he sees his future work taking him. When not in school, Matthew enjoys all things outdoors (especially in the mountains) and has way too many hobbies to keep track of.



Bute-Robson Plaza

The studio project entailed reconfiguring public outdoor space in Downtown Vancouver based on the goals produced by the City of Vancouver in their 2020 Downtown Public Space Strategy. Building off this strategy, I was interested in addressing the known issues of socialization, the connective issues between shores, and the current circulation within downtown. This was partially addressed through a series of community nodes proposed to facilitate informal meeting places, create linkages, and provide destinations. For this project, one of the community nodes was the focus of a detailed design to develop a destination plaza that promotes socialization, improves blue-green connections between shores, and increases access between districts. This was the Bute-Robson Plaza which is situated on the verge of two downtown districts, at the junction of two busy pedestrian linkages, and along the upper ridge of the West End district.

The overall design of the Bute-Robson Plaza includes a bioswale that runs through the entire site collecting roof and surface runoff and slowly bringing it down to a water plaza at the base of the site along Robson St. A continuous ramp runs throughout

to allow for easier access while reducing the pre-existing slope on-site and a series of steps allow for areas of flatter ground to provide seating spaces. Views out to Coal Harbour along Bute St. are preserved and enhanced with specific tiered seating locations designed for observation. The planting scheme utilizes existing trees and consists of areas of mixed grasses, small shrubs and ferns, and emergent vegetation in the bioswales. The design allows for three areas of experience, a slower/quieter space adjacent to the residential district, an observational/lingering space in the center to frame views, and a focal point along Robson St. designed to draw people up into the plaza or give them a central place to pause. Connections between surrounding businesses are maintained by paths that break the traditional perpendicular grid to allow for a mix of busy pedestrian routes with slow and intimate meandering paths. The Plazas' design character references Robson Square – several blocks from the site – while incorporating other features representative of Vancouver's public spaces to maintain a landscape type that's consistent throughout the city.







partners program

Network 2023



ft3 Architecture Landscape Interior Design

ft3 Architecture Landscape Interior Design provides full architectural, landscape, and interior design services for health and wellness, complex multi-family housing, and corporate office environments throughout Western Canada. A few of our notable projects on the boards and in construction for 2022 include the new Portage District Hospital in Portage la Prairie, MB, St. Boniface General Hospital's Emergency Department, an addition of a Nordic Spa to Elkhorn Spa and Resort in Onanole, MB, interior renovations for the Workers' Compensation Board, and the new Ronald McDonald House.

The Solstice Spa at Elkhorn Resort intends to expand their present spa facilities to allow for up to 30,000 visitors per year, tripling their present volume. To facilitate this, they will add approximately 2,200 m2 in outdoor and interior relaxation spaces. We are thrilled to be the team involved to design their new Nordic spa that includes hot and temperate pools, a cold plunge, saunas, and plenty of outdoor fireplaces and seating to help rejuvenate the body, mind and soul. Meanwhile, Ronald

McDonald House, a home away from home for out-of-town families with children requiring hospital care, is close to completion. The design and finishes have been developed in a manner that creates a clean and calm environment for pediatric patients. It's both fun and welcoming while also being safe and comfortable.

Arguably one of our most impactful projects to date, The St. Boniface Hospital Emergency Department project is part of system-wide shifts in Emergency Department planning in Winnipeg under the WRHA Clinical Consolidation initiative. The intended design concept aims to facilitate the development of an efficient, functional, and safe workplace with the overall objective of improved patient experience and outcomes.

We have recently acquired several new graduates from University of Manitoba's Faculty of Architecture into our growing office and across all three of our disciplines. Our staff of almost 50 personnel is currently comprised of over 10 nationalities. Our



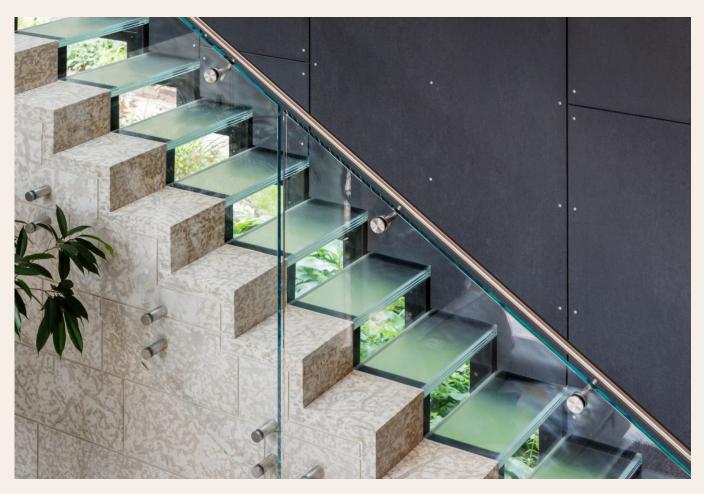




team prides itself in providing responsive service and operates within an open-office environment that values clear roles and responsibilities, effective communication, and timely decision-making. We place a high value on professional expertise and staff development, a philosophy that has fueled our growth individually and collectively for decades.

Through design, we expect to improve the built environment, to create projects that are meaningful to their communities and add richness to the everyday. Mostly, we expect to challenge each other to do better and to do more. Ultimately, we believe in the capacity of architecture to enhance physical and emotional wellbeing, productivity, and quality of life.

- 1. Rendering of St. Boniface Hospital New Emergency Department, exterior.
- 2. Rendering of Ronald McDonald House.
- 3. Rendering of the New Nordic Spa at Elkhorn Spa and Resort.
- 4. ft3 office at The Strand, 200-300 Waterfront Drive, Winnipeg, Manitoba.



Manitoba Masonry Institute

The Manitoba Masonry Institute (MMI) is a trade association representing all aspects of the Masonry, Natural Stone, Adhered Veneers and Concrete Block industry. The association serves as the authoritative source for trusted information, technical standards, and information regarding the use of Masonry.

The Manitoba Masonry Institute (MMI) is leading to support, develop, and strengthen the masonry industry in Manitoba. By working with the design community on education and research, providing technical information both newly developed and available from existing sources.

It is our goal, that by leading legislative reform and strengthening industry partnerships we provide quality of service and life safety to the public.

The MMI is a not-for-profit association, with a membership of professionals, suppliers, and educators, dedicated to Trust, Quality, Sustainability and Research, to help define the many benefits and beauty of masonry products.

The MMI offers a wide array of technical and training resources, professional development opportunities, regulatory advocacy, and networking events.

With countless years of experience under our collective trowels, we help develop effective masonry solutions for any need, with support materials and resources, samples and details, information, and more.

At the MMI, we are proud of our long standing support of the Partners Program, with the Faculty of Architecture. Having personally gone through the Environmental Studies program both Jeffrey Dolovich (MMI executive- Gilles Quarries) and Peter Schuster (MMI Director of Business Development) are pleased to sponsor a variety of beneficial programming, lectures, and creative endeavours (Such as the C.A.S.T Building) that the faculty is well known for.

The Manitoba Masonry Institute is committed to the ongoing research for the advancement of masonry and masonry technologies in todays ever changing building environment. Our vision is to make masonry a more economical, durable, and sustainable alternative, when compared to other building and construction systems, through ground-breaking research projects.

Our goal is to develop and test known and advanced masonry technologies on new and existing structures and find innovative solutions to challenges faced by the design and construction community. We are committed to providing trusted and true information to the end user and adhere to all ethical and truthful practices when partnering with researchers and the academic community. The MMI believes in a collaborative approach to research and values its unique relationship with the academic, professional, technical and research communities to work together to drive innovation and change, to provide positive, real solutions to a complex building environment.

With a commitment to local research and solution, unique to our built environment, we are able to showcase a few examples on our ongoing efforts. For full details and more on our ongoing research and collaboration, visit us at www.manitobamasonry.ca

Thermal Mass Research Initiative

MMI is proud to partner with leading research professionals at Red River College Polytech, The University of Manitoba Faculty of Engineering, Crosier Kilgour Engineering and The National Research Council on this multi-year study on the effects of energy consumption with respect to Thermal Mass in building envelopes.

The project utilizes sophisticated monitoring equipment, with the goal of collecting energy consumption data, over multiple seasons, to determine the real energy consumption of various masonry envelopes, and how the thermal mass impacts the consumption.

This unique partnership between Industry, University, Polytech, NRC, and Design Professionals, brings a wealth of knowledge and expertise resulting in information that can be verified, trusted, truthful, and fact-based, over multiple heating and cooling seasons, to determine the true energy use.

Research for High Performance, Energy Driven Masonry Construction and Design

Alberta Masonry Council in conjunction with University of Calgary Engineering research lab. The Manitoba Masonry Institute is a proud co-sponsor of this ground-breaking research, which will help quantify and guide designers of tomorrow, in understanding the full value of masonry thermal properties, with respect to every evolving and efficient design codes.

With the construction of a state of the art environmental chamber, the thermal properties will be examined and documented in a controlled setting, to better understand the unique characteristics of masonry products and construction methods.

Trusted by designers and builders around the world for centuries. Masonry is a strong, timeless, and sustainable investment for a modern world. Brick, Block, Stone and Adhered Veneers not only give you the benefits of: Fire Resistance, Reduced Sound Transmission, Durability, Sustainability and Energy Efficiency, but most importantly a timeless beauty that will last for generations to come.

At the MMI, we are here to help, visit us at: www. manitobamasonry.ca, email us at: info@manaitobamasonry.ca or call us at (204) 226-2695





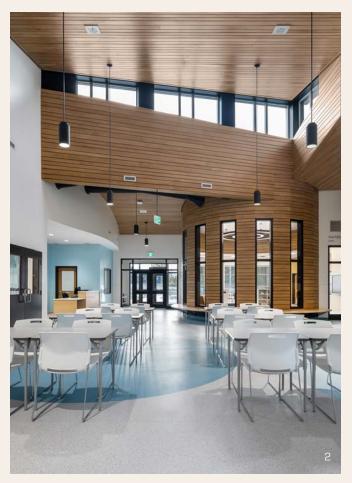
Prairie Architects Inc.

Prairie Architects Inc. is located on Treaty No. 1 Territory, the traditional lands of the Anishinabe (Ojibway), Ininew (Cree), Oji-Cree, Dene, and Dakota, and the birthplace of the Métis Nation and the heart of the Métis Nation Homeland.

Prairie is a recognized leader in sustainable high performance, energy conserving and healthy buildings. As founding signatories to the "Canadian / Turtle Island Architectural Professionals Declare Planetary Health Emergency", we strive to use architecture as a vehicle to address the interconnected crises of climate change, ecological degradation and societal inequity, which are conjoined symptoms of ongoing colonization according to Architects Declare, a global network of architects organizing for transformative change in the building sector.

We are currently working on a number of projects that highlight the commitment to addressing these interconnected crises. We are working with the Clan Mothers – a grassroots, Indigenous women-led organization – in the design and construction of a Healing Village, which will provide supports for women who have been victims of multi-generational trauma, sexual violence, sexual exploitation and human trafficking.

We are also working with Marymound, on the Pelletier Hope Centre Phase II Transition Home to support youth between the ages of 13-17 struggling with mental health and substance mis-use



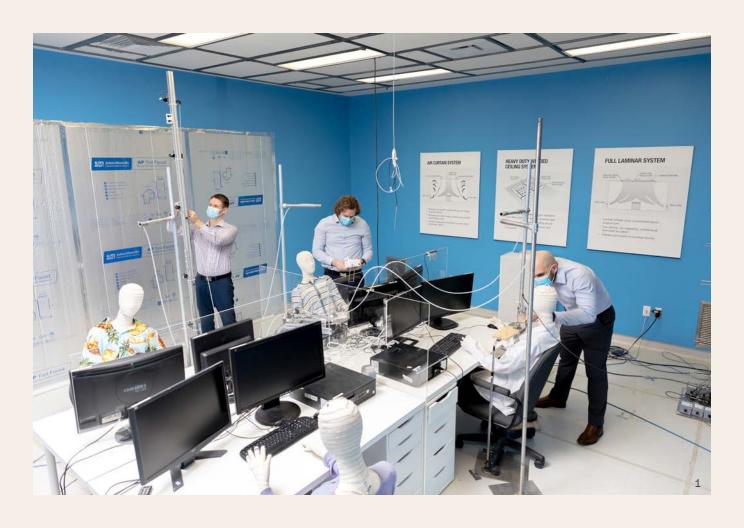




issues, trauma and complex needs. The Home will provide youth a place of transition for healing – one that is warm, welcoming, and able to make them feel connected to their cultures and identity – before finding their way back to the community or their families. The Bannerman Green Housing Cooperative (BGHC) project includes both new construction and deep retrofit and additions to existing buildings. The BGHC was founded on the principles of net-zero energy, carbon neutrality, beauty, sustainable education and advocacy, a right to nature, equity, health fresh water and food security and is committed to building resilience to climate change and providing a roadmap for other projects to follow, encouraging mass adoption and replication.

Prairie has also been working with the Shoal Lake 40 First Nation on a number of projects: a recently constructed new elementary school; as well as a new day care facility and new pow-wow grounds both currently in early stages of design; and currently, a facility to bring together all the existing Jordan's Principle Programming, which is currently administered from various locations in Shoal Lake 40 First Nation due to lack of space. The construction of a new culturally age appropriate and safe space needed to support the delivery of Jordan's Principle services on reserve will ensure that all First Nation children can access products, services and supports they need without denial, delay or disruption.

- 1. Harvey Redsky Memorial School, new elementary school in Shoal Lake 40 First Nation.
- 2. Harvey Redsky Memorial School, entry commons.
- 3. Harvey Redsky Memorial School, library.
- 4. Prairie Architects Inc. team in 2021.



Price Industries Ltd.

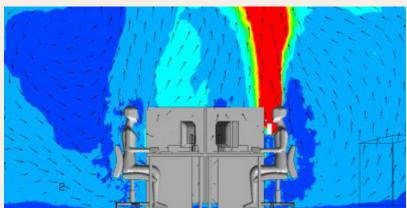
At the beginning of the COVID-19 pandemic, Price Industries, one of North America's largest manufacturers of commercial HVAC equipment, felt a responsibility to address indoor air quality. March 2020 saw an immediate need for temporary healthcare facilities, and Price quickly adapted its Fan Filter Unit – a product typically used in cleanrooms, pharmacies and laboratories – into Puraflo, a solution for retrofitting hospital rooms and alternative care sites in convention centers and hotels into negative-pressure patient isolation rooms.

As the coronavirus became more understood, indoor air quality in shared spaces became a concern to owners and occupants alike, and the need for a solution for everyone to feel comfortable arose. This inspired Price to create the Room Air Purifier (RAP), a mobile air purification unit that eliminates unwanted air particles, resulting in cleaner indoor air. The RAP requires no changes to existing duct work and no contractor to install, which makes it a simple way to provide air purification to any room.

Price's ability to quickly bring these solutions to market was largely thanks to the company's effective supply chain, with 13 factories in North America, and its state-of-the-art laboratories and testing facilities. Price's Research Center North (PRCN) in Winnipeg, Manitoba, is an advanced HVAC research center where Price







does its product testing. PRCN is also used by researchers from universities and government bodies across North America to conduct studies on air distribution. Past collaborations include those with the National Research Council of Canada, Texas A&M University and the University of California, Berkeley.

Price's most recent study at PRCN was conducted with researchers from Purdue University and Tianjin University and focused on particle concentration in indoor spaces. The study compared traditional mixed ventilation and displacement ventilation systems' ability to address unwanted particle concentration and found displacement ventilation to be more effective at keeping particles out of the breathing zone. This research can help building managers, contractors and business owners choose better systems to improve indoor air quality.

Price's corporate culture embodies a set of values that keeps the company nimble, able to adapt to market demands and enter new product categories if the team has something to add. Price has always focused on service and the greater good, and the COVID-19 pandemic was no exception. And as the world embarks on its new normal, Price will continue to strive to make positive contributions to the air distribution industry.

- 1. Particle testing setup at Price Research Center North.
- 2. Price Room Air Purifier finished product.
- 3. Theatrical smoke demonstrates air movement from ceiling diffusers in Price Research Center North's Flow Visualization Room.
- 4. Computational fluid dynamics render of particle concentration with a mixing system operating at four air changes per hour.



Stantec Architecture Winnipeg

In 2004, with over 70 years of experience serving the community, GBR Architects joined Stantec, becoming Stantec Architecture Winnipeg. Our local integrated architecture and buildings engineering practice brings together a highly motivated, dynamic, and diverse team of Architects, Interior Designers, Structural, Mechanical, Energy, and Electrical Engineers, Sustainably Specialists, and support staff. Working together with our clients in an integrated practice, we believe we are better able to ask the right questions, establish shared positions, and collectively evaluate and advance meaningful solutions that realize the vision while achieving value, program clarity, and technical astuteness.

We are an ambitious practice, driven to achieve Design Excellence through brilliant delivery founded in Communication, Collaboration, Expertise, Research, Technology, and Culture.

We work in studios, Healthcare, Civic [Sport, Culture, and Transportation], Education [K-12 and Post-Secondary], Commercial [Retail, Residential, Hospitality, and Mixed-Use], Defense, Industrial, and Workplace. While our focus is local, our success and the nature of our broader global practice routinely leads to opportunities to travel and work on projects across North America and beyond.

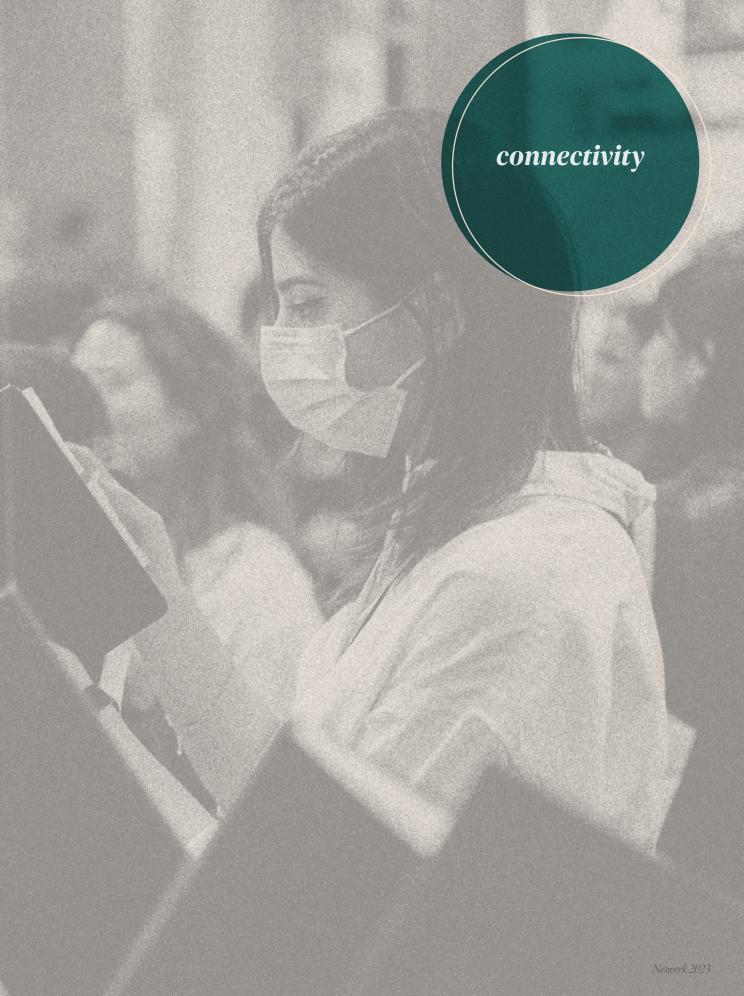




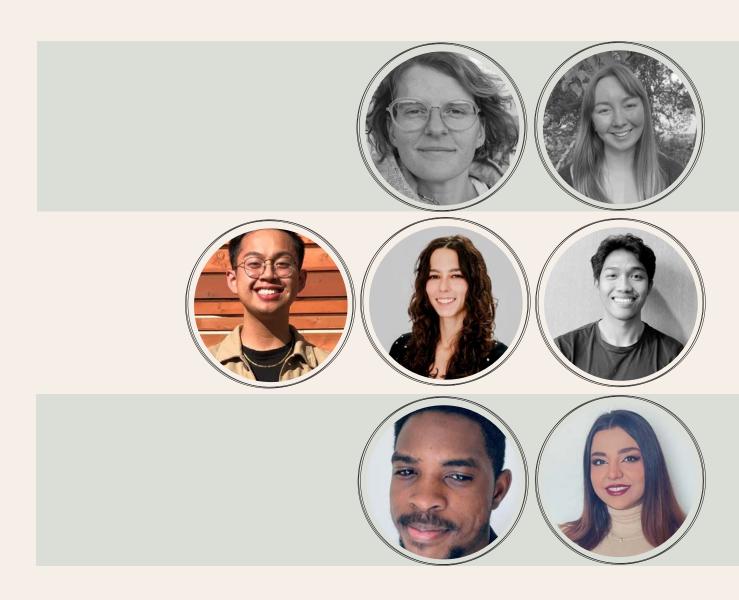


- 1. FortWhyte Alive Buffalo Crossing | Winnipeg, MB | Rendering
- 2. Manitoba Museum Bringing Our Stories Forward | Winnipeg, MB | Photography: Manitoba Museum Ian McCausland
- 3. Rady Faculty of Health Science Dr. George Yee Laboratory of Anatomical Sciences Renovation @ University of Manitoba Bannatyne Campus | Winnipeg, MB | Photography: Stationpoint Photographic
- 4. Wuskwi Sipihk First Nation School | Birch River, MB | Photography: James Brittain Photography









Indigenous Design and Planning Students Association (IDPSA)

Jordan Cantafio
President

Interior Design Association of Students (IDAS)

Carmen Huang & Robyn Anderson Co-Presidents Juliana Anderson Vice-President

Landscape Architecture Student Association (LASA)

Alex Boss President Kailee Meakin Vice-president

Student Architectural Society (SAS)

Dave Castillo Senior Stick Kylie Towarski Vice Stick (Internal) RJ Asuncion Vice Stick (External)

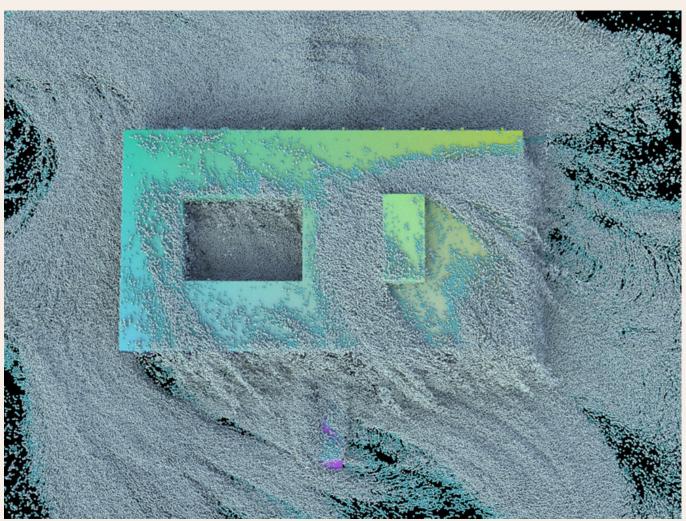
University of Manitoba Association of Architecture Students (UMAAS)

Temitope Akinsiku Co-president Mahsa Khoshgoftarlali Co-president

University of Manitoba Association of Planning Students (UMAPS)

Abigail McLaren
Co-President (Internal)
Julia Antonyshyn
Co-President (External)
Sabrina Kratsberg
Vice-president





Flowing Lands Jason Hare and Frits Van Loon Winnipeg, Canada

The Prairies are awash in fluid motion. From the winter sky comes dancing snow. Blowing, building and aggregating towards a collective whole. Only to find each one of its tiny particles, bound to the act of sublimation, transpiration and evaporation. These acts of phase change happen across Turtle Island. Though in the Nelson River watershed, where the intersection of the Assiniboine and Red River wrap themselves into one body, the fluid dynamics of the land is particularly potent.

Flowing forces run across the land, dance and spin in the wind. With forces so enigmatic in their motion, is there a way to design with these fluid fluctuations? Is it possible to visually map the forces and shift the processes of erosion or aggregation towards formal material bodies? We propose the 2023 Faculty of Architecture Warming Hut act as a staging ground for the physical collection and intentional shaping of a snow-scape.











Living in the North
Insights into Canada's vast Arctic frontier
By Dallin Chicoine | November 1, 2022
Reprinted from The Manitoban

Over the past six weeks — and for the next six and a half months — I have embarked on a co-op work term placement through the Faculty of Architecture in Iqaluit, Nunavut as a facility planner with the territorial government.

As the title suggests, I help with the planning stages of all government-owned and operated facilities throughout Nunavut. This includes, but is not limited to, assisting with any new builds being constructed or existing buildings that require renovations, and providing feasibility studies or business cases on how to approach or prioritize any facility requirements within the other branches of government.

Throughout my brief time here, I must say that this area is truly its own little corner of the world. It certainly offers similarities to other southern Canadian communities, but the paradigm shift in the culture is immediately noticeable and quite pleasant in its own way.

Right off the bat, one of the major differences I noticed was the local dialect and language. Unlike most of the other Canadian Provinces and Territories that have French and English as official languages, Nunavut has Inuktitut as one of its official languages as well, which is perhaps the most prevalent.

Everything from signage to public communications are first listed in Inuktitut, then English and then French. Occasionally there is the inclusion of a fourth language, Inuinnaqtun, another local dialect spoken in certain communities.

The territory of Nunavut was established in 1999 with the implementation of the Nunavut Land Claims Agreement, an unprecedented achievement which allowed the Inuit culture to establish their own independent government.

As a result, Inuit culture is strongly embraced throughout Nunavut. They have done well in combatting the effects of colonialism and maintaining their cultural and governing independence within the largest landmass in Canada.

As per the territorial government, all its decisions are founded upon and informed by the eight guiding principles of Inuit Quajimajatuqangit (Inuit traditional knowledge): The first is Inuuqatigiitsiarniq, which is "respecting others, relationships and caring for people."

The second is Tunnganarniq, or "fostering good spirits by being open, welcoming and inclusive."

Third is Pijitsirniq, which means "serving and providing for family and/or community." After that is Aajiiqatigiiniq, which translates to "decision making through discussions and consensus."

The fifth guiding principle is Pilimmaksarniq or Pijariuqsarniq, which means "development of skills through observation, mentoring, practice and effort."

Sixth is Piliriqatigiinniq/Ikajuqtigiinniq, or, "working together for a common cause." Qanuqtuurniq follows, which means "being innovative and resourceful."

Finally comes Avatittinnik Kamatsiarniq, which translates to "respect and care for the land, animals and the environment."

The local geography of Nunavut is quite vast, rocky and dry. It's very desert-like — aside from the snow, of course. There is little to no noticeable vegetation of any sort that grows here aside from some small shrubs and grasses.

Though, what the region lacks in vegetation it makes up for with picturesque views of its bays and northern lights, which can be seen on almost any clear night so long as you're away from town lights.

As thrilling as it is living in Iqaluit, the community and surrounding territory do not come without downsides.

I suppose one of the greater social issues I've encountered while living here is the lack of accessible and higher-quality education.

That's not to say that there isn't education provided throughout Nunavut, certainly there is. But after having talked with many locals, it seems as though a lot of the people working in higher-paying, more specialized jobs were able to achieve such positions having gone "down south" — as many Nunavummiut refer to it — to complete their high school and post-secondary studies.

One of the major factors propagating this issue is the sheer cost of building in the Arctic. There's no available infrastructure to provide accessible transit or delivery to Nunavut aside from ship access and small air runways, especially in the northernmost communities. Therefore, all the building materials have to be flown in or transported by cargo ship — if the waters have not yet frozen for the winter.

These high costs also affect daily commodities. Due to the complicated shipping capacities, groceries can easily be at least three times more expensive than anywhere in the southern provinces. Additionally, rent, water, power and fuel are all priced higher than other provinces.

Quite frankly, it's a miracle anyone can afford to live here.

As a result of the difficulty getting funding and planning in place for new and updated builds, the timelines for actual completion are greatly increased.

This unfortunately has a great impact on communities that require these new facilities and programs, and further irritates many of the existing social issues already prevalent such as homelessness, poverty, addiction, inaccessible education and healthcare, among many others. Simply put, it creates a vicious cycle.

That being said, the territory of Nunavut is still young and in its early stages compared to elsewhere in Canada, and the strides made thus far have been effective, to a degree, as well as unprecedented.

I have the utmost confidence that with continual symbiotic efforts from both the community and the government, and a strong emphasis and consideration placed on Inuit values, an effective territorial evolvement is in the works.

In time, I believe that Nunavut will one day be a thriving Arctic hub on the world stage.



A Rite of Passage

By Stanley Britton, BArch, MA, CME, FRAIC, in collaboration with Elizabeth Sellors, BID, BFA (Hons), FPIDIM

In September 2021 the last graduates of the FAUM professional Baccalaureate in Architecture gathered for a "Last Rites" Golden Anniversary Reunion. The original Last Rites formalized our passage into the profession with an inscribed silver ring and the taking of an oath of obligation. Last Rites Golden Anniversary stoked cherished memories and asked, "Why no longer?"

The Rings

There were, in fact, two rings: silver for Architecture and either silver or white gold for Interior Design. Unique to FAUM, their unadorned shapes symbolized the bond between the faculty's two founding professional programs. Architecture's was convex in section and that for Interior Design was concave. The inscriptions inside were similar; in the accompanying photograph they read: "W. KETCHESON. B.ARCH. U of M. '71." and "D. SCOTT. B.I.D. U of M. 77."

The Oath

I, [insert name], in the presence of my associates, bind myself, upon my honour and this silver ring, to strive ever for perfection in my work. I will always search for ways in which my adopted profession can make ever-increasing contributions to humanity. In times of adversity I shall look to this oath for comfort and guidance. These things before my maker I do solemnly swear.

In 1953 Interior Design made an addition to the original oath: "I will endeavour to recognize and encourage good design in this and allied fields. In times of adversity I will look to this oath..." Recognizing evolving cultural diversity following the passing of Dean John Russell, a devout Christian Scientist, in 1966, the sentence referencing to "my maker" was deleted from both oaths. Later there was a second Interior Design addition: "I will always search for better ways to solve the problems of man's environment." This was eventually modified to "the problems of the human environment."



The Ceremony

The ceremony borrowed its format from the "Ritual of the Calling of an Engineer," which originated at the University of Toronto in 1922. Engineering graduates formed a circle and collectively recited an oath; then each had an inscribed faceted iron ring placed on the pinky finger of their drawing hand. At FAUM, the Architecture and Interior Design ceremonies became separate affairs that, from the mid-1960s, took place in either the John A. Russell Building's courtyard or its Centre Space, immediately following the spring convocation. Sometimes the Dean took the lead, but most often it was the respective Department Heads.

Beginnings and Endings —and a Prompt

The historical references are few, anecdotal evidence is unreliable, and supposition rules. Observed one contributor, "This [exploration] reminds me of the detective mystery game Clue." It would appear from an OAA document that H. H. Madill, director of the then newly independent University of Toronto School of Architecture, may have been the first in Canada to receive a silver ring. The year was 1950 and it marked a moment of ironring defiance. U of M and McGill quickly aligned, while UBC considered but didn't. Unlike with the engineers (francophone as well as anglophone), the tradition did not grow beyond the English-speaking original three. Yet for the longest time, up to and including the Golden Anniversary Reunion, false presumption of a Interestingly, circa FAUM's centennial year of 2013, ID department national uptake persisted.

One can only imagine the deliberations among the directors of the three-plus-one schools. But Manitoba had a special accreditation twist: Canada's only department of interior design, with Joan Harland as its stalwart founder. So one oath, two rings, and two ceremonies. An archived copy of a 1953 ID oath variant seems to suggest that the first ceremonies occurred as early as 1950, the year following the first convocation of five-year BArch and four-year BID graduates.

That the architecture tradition transcended the baccalaureateto-master's transition came as something of a surprise for some reuniting Goldens. The last recipients of the BArch degree graduated in 1971, the first MArch grads were in 1972, and the last rings were given out in the mid-1990s. A similar transcendence does not seem to have occurred with Interior Design. The last BID recipients graduated in 2004, but the last rings came in the late 1990s, well before the first MID graduates in 2005.

Conjecture has it that, whereas the baccalaureate focused on design studio (i.e., group cohesion) with the aim of preparing practice-ready graduates, the master's degree was more about theory and research (i.e., individual pursuits). Dr. Mary Anne Beecher, Interior Design's department head from 2008 to 2013, surmises that as the size of the graduating Architecture cohorts shrank, "the desire to do such things as the bestowing of rings sort of faded away." True enough, perhaps, but the Interior Design situation may have had more to do with a divisive (both within the academy and throughout the profession) preamble to the 2002 move away from the studio towards theory. Ill will put a damper on expressions of ritualized pride that continued for quite some time. "Frankly," recalls Dr. David Witty, Dean from 2001 to 2008, "I was not really aware of the tradition of the ring."

heads considered reactivating the ritual tradition but paused. Undeterred, some grads are known to have individually purchased "class rings-without-oath." Says one Interior Design alumnus, "The ring symbolized deep pride in academic accomplishment, a validation of one's hard work and recognition by the profession writ large." An Architecture graduate from the design-studio era sees the ring as a testament of survival after "an arduous journey taken" and, as with the engineers' iron ring, "an intergenerational statement of professional belonging,"

Maybe one day again?

events/outreach 温雅 かひ 間隔



Ceremonies & Feasts

Hosted by Elder Valdie Seymour

sept 29 Fall Feast

jan 24 Winter Feast

may 11 Spring Feast

july 27 Summer Feast Valdie has over 40 years of experience in cross-cultural development and implementation of community resource training programs. This experience includes, counselling, therapy, individual and family personal development, as well as human resources networking. Valdie has developed processes to train community citizens to identify their own community issues and facilitate their own community solutions.

Valdie has been instrumental in establishing a pattern in community programs in which community citizens examine their lives, take responsibility for their actions, and actively contribute to community health and relationships. He was part of the initial effort at establishing a community initiated ally supported healing movement in Hollow Water First Nation. Hollow Water's healing movement began to emerge with the commitment of community citizens working with ally institutions. Eventually, Hollow Water's healing movement resulted in the creation, development, and continuation of the Community Holistic Circle Healing (CHCH) organization – an organization that developed Manitoba's Restorative Justice and Sentencing Circle in 1989.

sept **23**

Robert Allsopp MLA Program 50th Anniversary Homecoming Gathering



03

Joe Ackerman
Good design at the end of the world



06 06

Jane Mah Hutton Recipricol Landscapes: Stories of Material Movements



13

Owen Pearce & Guillem Anglada From Antarctic architecture to multiplanetary civilisations



Oct Rudi Van Etteger **20** River Design in the Netherlands



nov Jill GibsonShifting, Moving, Morphing



18 Dr. Warren Clarke
Engaging with Anti-Oppression /
Anti-Racism Framework(s)





jan **26**

Warming Huts Presentations



feb Atmosphere 15 **2-4** LAND +



mar **06**

Design Built
Construction as Design



mar

Chantal Fiola Metis Spiritual Resurgence



mar 5468796 Architecture Extroverted Introverts



D'Arcy Jones How it's made





nov
29 Kevin Handkamer
Emerging Alumni Lecture

This presentation provided an overview of the planning and design strategies that have shaped the Fort Garry Campus over time, and the common themes that these strategies have been centered upon. As we look to the future, Kevin discussed the work that is being done within the Campus Planning Office collaboratively with campus, community, and Indigenous stakeholders to develop frameworks that support a vison for a vibrant campus landscape, building upon the natural beauty and historic character of the Fort Garry campus, while reflecting the cultural history on which these lands are located.

About Kevin Handkamer

Kevin Handkamer is a Campus Planner at the University of Manitoba who is part of a long-range planning team that develops the frameworks for building and landscape development, transportation systems, and forestry management at the U of M campuses. Kevin is a graduate of the Department of Landscape Architecture, and has been employed with the Campus Planning Office since 2013.



feb
15 Dilip da Cunha
Visiting Architect Lecture

Our design practice has long considered the line separating water from land on the earth surface a product of design; not in where and how it is drawn and engineered, but in that it is drawn at all. Today, we ask if the earth surface, a surface overwhelmed and undermined by rising seas, increasing storm events, species migration, destructive floods, and injustice, is likewise a product of design. What does it take to include both, surface and line in the design of habitation? It takes a sectional imagination and an appreciation of a wetness that is everywhere from clouds to aquifers.

About Dilip Da Cunha

Dilip da Cunha is an architect and planner based in Philadelphia and Bangalore, and Adjunct Professor at the GSAPP, Columbia University. He is author with Anuradha Mathur of Mississippi Floods: Designing a Shifting Landscape (2001); Deccan Traverses: The Making of Bangalore's Terrain (2006); Soak: Mumbai in an Estuary (2009); and editor of Design in the Terrain of Water (2014). In 2019, his book, The Invention of Rivers: Alexander's Eye and Ganga's Descent, was published by University of Pennsylvania Press. It received the 2020 ASLA Honor award and the J.B. Jackson Book Prize.

In 2017, Mathur and Da Cunha initiated a design platform called Ocean of Wetness directed to imaging and imagining habitation in ubiquitous wetness rather than on a land-water surface. In 2017, they were awarded a Pew Fellowship Grant and in 2021, the Mercedes T. Bass Landscape Architects in Residence Fellowship at the American Academy in Rome. In 2020 da Cunha was awarded a Guggenheim Fellowship for Ocean of Rain, an upcoming book and exhibition.



mar

14 Jala Makhzoumi

Harlyn Thompson Lecture



mar
16 Eric Höweler
MMI Sponsored Lecture



30 Douglas Olson
Seagram Visiting Lecture

The quest by the International Federation of Landscape Architects to change the current definition of the profession evidences the expanding scope of landscape architecture and the changing role of landscape architects over the last 50 years.

How did this transformation happen? How will the change shape future practice and scholarship?

In Jala's talk, she reflected on these questions, drawing on her personal journey as a landscape architect, practicing and teaching in the Middle East. She will argue for an expansive discourse on landscape architecture, one that has the potential to respond to the growing complexity and unpredictability of the world we inhabit.

About Jala Makhzoumi

Jala Makhzoumi is adjunct professor of landscape architecture, American University of Beirut, president of the Lebanese Landscape Association. In her research and practice, she pioneers a holistic developmental approach to landscape and seascape planning that mediates community needs with ecosystem health, biodiversity protection and heritage conservation. In 2019 she received the European Council of Landscape Architecture Schools Lifetime Achievement Award, and in 2021 the IFLA Sir Geoffrey Jellicoe Award 2021 for her outstanding contribution to education and practice.

The acronym VIF, or verify in field, is a notational convention on architectural drawings, alerting the builder that conditions in the field may differ from what appears on the drawings, and that further verification is necessary. The notation acknowledges the contingencies of constructions and the limits of architectural representation. It also speaks volumes about disciplinary questions about the scope and authority of drawings and the interactions necessary between concept and construction. At Höweler + Yoon we use the terms "verification" and "field" to illuminate the design processes that we undertake in our work at different scales, from the detail to the urban scale. Eric Höweler presented a range of projects using Verify in Field as a lens to understand the work and how it fits into a broader cultural context.

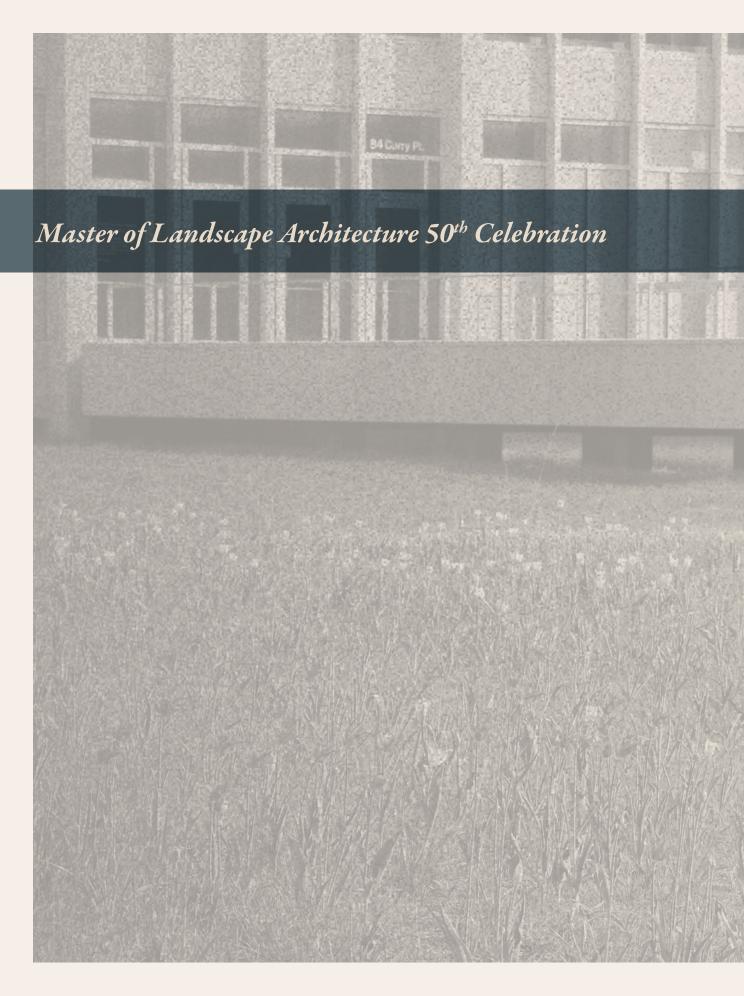
About Eric Höweler

Eric Höweler, FAIA, LEED AP, is an architect, designer, and educator. He is currently Associate Professor in Architecture at the Harvard Graduate School of Design, where he teaches design studios and directs the Master of Architecture Thesis Program. Höweler's design work and research focuses on building technology integration and material systems. Höweler is co-founding partner of Höweler + Yoon Architecture.

The value of a landscape can be felt in the melancholy it creates, particularly in landscapes that have undergone profound change. The sadness derived from the realization of what once was, can be personal, communal, or cross cultural, but the awareness of loss and threat focuses our understanding and appreciation of landscapes. The importance of landscape perception, pattern, process, and change is examined. Given past and projected trajectories of landscape change, and using examples from across scales, it is argued that understanding needs to move beyond melancholy and rhetoric, to lead to positive actions. In this respect, the practice of landscape architecture is well positioned to enhance both landscape appreciation as well as to provide enduring designs to improve the future.

About Douglas Olson

Douglas holds a Doctor of Design degree specializing in landscape planning from Harvard University, and a Master of Landscape Architecture degree from the University of Manitoba. He has served as an instructor at the Harvard University Graduate School of Design and is currently an adjunct professor in the School of Architecture, Planning, and Landscape at the University of Calgary. He is a Fellow of the Canadian Society of Landscape and received the CSLA Lifetime achievement award in 2017. For over 25 years as CEO of O2 Planning + Design, Douglas directed the firm's work in landscape architecture, planning, and urban design. His projects at scales ranging from the region to the plaza, have won multiple awards. He pioneered projects in the field of Geodesign—coupling GIS modelling and visualization with design and planning processes. He is currently the CEO of SAFE Design Operations where he focuses on multi-scale risk assessment and contemporary design that mitigates the risk and fear of crime. Additionally, he writes about the importance of regional landscapes.



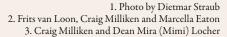




Craig Milliken | Alumni Exhibition September to October 2022

The Department of Landscape Architecture at the University of Manitoba hosted a series of notable festivities to commemorate its 50th anniversary. Engaging a sense of community, these events were filled with happiness, camaraderie, and a shared sense of belonging. The following is an overview of the celebrative activities during the academic year 2022-2023 and highlights the department's rich history and promising future. The anniversary celebrations evoked vibrant memories and facilitated new connections among students, faculty, alumni, and program supporters.

The festivities commenced with a touching visit of the first graduate of the Master of Landscape Architecture program at the University of Manitoba. Craig Milliken welcomed students and faculty to the opening of his visual arts exhibition at the Arch2 Gallery on September 22, 2023. He shed light on the evolving field of study in the 70ties and shared fond memories that shaped his professional career over the years. For more information on Craig Milliken, click here.









Network 2023

Celebrating 50 Years Of Teaching And Learning Landscape Architecture In Manitoba: a Milestone Filled with Appreciation and Enjoyment





Homecoming Gathering September 2022

Alumni had the opportunity to reconnect with new and old friends at the lively homecoming gathering on September 23, 2022. Speakers shared a passion for the department's early years. Among them were Robert (Bob) Allsopp, the first design studio instructor in landscape architecture and Charles (Charlie) Thomsen, Professor Emeritus of Landscape Architecture. Both reflected on cherished moments while working with students at the University of Manitoba. For more information and video recording, click here.







- 1. Robert (Bob) Allsopp
- 2. Robert (Bob) Allsopp
- 3. Dean Mira (mimi) Locher
- 4. Jennifer Moore Rattray, daughter of Alex Rattray, the first department head of the Landscape Architecture department
- 5. (left to right)

Dean Mira (Mimi) Locher,

Bob Somers - CSLA President

Anna Thurmayr - Head of Department of Landscape Architecture Robert (Bob) Allsopp

Treemorial | Fort Garry Campus and Canale di Brenta, Italy March to May 2023

On May 30, 2023, alumni, students, and staff planted an elm tree north of the John A. Russell Building in memory of Alexander Rattray (1933-2019), Founder and First Head of the Department of Landscape Architecture in the Faculty of Architecture. Alex's daughter Jennifer Moore Rattray, her husband and her son participated, and it was great to see the family happy and appreciating all work. Honouring Alexander Rattray's engagement in an Italian Field Studies and Studio Program, a tree in Italy matched the memorial tree in Winnipeg. Alex's wife, Angela Luverà, attended the March ceremony in Canale di Brenta (Oliero Caves).

For more information, click here.





Lots of Bulbs Bloom May to August 2023

With the summery temperatures in May, the pollinator festivities of the fall-planted tulips and allium bulbs south of the Russell Building began. The spectacle of colours, shapes, growth, and decay lasted well into the fall and is hoped to return in the following year.

Gratitude and Outlook

The anniversary celebrations were a bold statement that the Master of Landscape Architecture program's legacy is enduring and, with it, the passion and dedication of its alumni, faculty, and supporters. Established in Canada as the first of its kind, the graduate program remains to provide an inclusive and enriching learning environment where students can thrive and make a difference. The anniversary celebrations served as a reminder of the transformative power of landscape architecture and education and, more specifically, of the lifelong bonds formed within the John A. Russell Building at the University of Manitoba.





Atmosphere 15_LAND +

02 - 04 February 2023

Dr. Marcella Eaton & Frtits van Loon

"How do we understand land in the 21st century?" This interdisciplinary symposium focussed on land+, examining relationships between cultural and natural systems in the design of our built environments. The goal was to advance our understanding of land through intersecting themes of story/ community, digital/ virtual, migration/ displacement, nationhood/ identity, learning/ teaching, measure/ material, and relationship.

We shared ideas predicated on a deeper understanding of the forces causally linked with land, and those connected with past and future notions of settlement, living with and on the land.

We strived to define future relationships to land and how we design with it. We reflected on past conceptions of land in architecture, city planning, environmental design, interior design, landscape architecture, and education. Poetically speaking, we created unique and compelling places to engage land and life based on the fusion of various novel and unforeseen programs, desires, and contexts. Purposefully speaking, we wanted to posit resilient solutions that respond positively to working with clients and land at multiple scales, settings, and conditions. We negotiated climate change, pandemics, wars, and attempts to reconcile and decolonize our understanding of relationships with others in the Anthropocene. How does this influence our understanding of the land?

The land's physical properties and phenomenological characteristics determine and figure in all forms of spatial occupation of all living systems. Land has been objectified, commodified, and treated as a blank slate. It is the inert site of resource extraction, new construction, and waste removal. The Anthropocene illustrates new geologies, ecosystems and climates arising from our actions. Land is made and remade by natural and artificial forces. The modernist project for which the Faculty of Architecture is renowned objectified land and embraced interpretations of land as a commodity to be used and improved. In the 1960s, a curiosity by Dean John A. Russell and others to understand land in all its facets led to numerous visits from Ian McHarg, one of the most influential environmental design theorists and landscape architects. McHarg's contribution to forming a new program in landscape architecture embraced fieldwork and collaboration with scientists across the university. The program of landscape architecture celebrates its 50th anniversary in 2022-2023. Has the focus on land impacted teaching across the Faculty? How do we think of the land in our design work? Land impacts our atmosphere and our earth's surface. In all its forms, land occupies our sense of being and place in both tangible and imagined ways – it is vital and transformative, and we impact the land, shaping and reconstructing it. The land is contested and is subject to extraction, depletion, access, and control. It is also the site of creation, resurgence, and reconciliation. The land is the stage for all life, design,

and systems. We seek to understand the land and our determined place on the planet while recognizing that land is both a private and a common shared resource.

to the International Expert Group Meeting, Indigenous Peoples: Development with Culture and Identity Articles 3 and 32 of the United Nations Declaration on the Rights of Indigenous Peoples (New York, 12 – 14 January 2010)

From a <u>presentation</u> by Ms. Jeannette C. Armstrong

"Paula Gunn Allen, a Native American writer, provides greater clarity in her description of that relationship, in her statement that "The land ... is not the ever-present "Other" which supplies us with a sense of "I". It is rather a part of our being ... It is ourselves ... it not a matter of being "close to nature". (Henderson, 409) Melissa Nelson, in the introduction of Original Instructions: Indigenous Teachings for a Sustainable Future, states, "In this sense, our biological and psychological space is a communal ground, a commons ... we cannot be separated from these places. The bones and blood of our ancestors have become the soil, the soil grows our food, the food nourishes our bodies, and we become one, literally and metaphorically, with our homelands and territories." (Nelson, 1008)"

We are interested in the measures and facets of spatial occupation – how land informs and impacts all scales of habitation, including policies, territories, landscapes, settlements, infrastructure, buildings, interiors, and objects. Land 'operates' with dynamic geometries and organizations; it privileges fractal rather than Euclidian orders. It is adaptable and elastic, and it is multivalent. How does our relationship with the land impact our experiences? How does the land impact our ideas of utility as designers and design educators? The land is more than property. Atmosphere is inescapably related to the conditions and context of land – it is the arena for mediation between culture and nature."

Keynote Speakers

Christophe Girot

Professor for Landscape Architecture Head of Chair, ETH, Zürich

"Christophe Girot is Professor and Chair of Landscape Architecture at the Department of Architecture of the ETH in Zürich since 2001. He has directed the Institute of Landscape Architecture since 2005 and received the ETH Golden Owl wavard for teaching excellence in 2016.

His research covers three domains:

Methods in landscape architecture and topology
New media in landscape analysis and perception
History and theory of Western landscape architecture.
Emphasis at the Chair is given to large scale landscape design
and modelling methods with particular attention to the
topology of nature in and around cities. The LVML (landscape
visualising and modelling laboratory) of the ETH funded by the
Swiss National Science Foundation shared by the Department
of Architecture and the Department of Civil Engineering
and Geomatics has enabled significant advances in applied
landscape design and point cloud modelling. Ongoing research
with the NCCR in Digital Fabrication, the Kyoto Institute of
Technology, CTI and SNF grants has yielded ground breaking
results in point cloud design, modelling and acoustic sensing.

He holds a practice in Zürich with projects in Europe and in Asia. The Sigirino Mound project for the Alp Transit Company in Ticino as well as the Brissago Garden project in Ticino with SAM architects test current limits of topological design and modelling in challenging alpine situations. He is widely published and his Book entitled "The Course of Landscape Architecture" published by Thames & Hudson was released in 2016."

For more information on Girot and his work, click here.

Marc Hallé

CCxA Co-President, Montreal

"Marc Hallé is a partner at CCxA Architectes paysagistes in Montreal with an MLA from the University of Toronto and a B.Eng from the University of Saskatchewan. CCxA recently transitioned from Claude Cormier + Associés, where Marc began in 2003. The practice is renowned for bringing joy and optimism into the public realm characterized by singular conceptual simplicity and rigourous technical detailing."

For more information on Hallé and CCxA, click here.

Brett Huson

Gitxsan Knowledge Keeper & Artist, Winnipeg

Hetxw'ms Gyetxw, also known as Brett D. Huson (he/him/his), is from the Gitxsan Nation of the Northwest Interior of British Columbia, Canada. Influenced by this matrilineal society, Brett developed a passion for his people's culture, land, and politics and a desire to share their knowledge and stories. He has worked in the film and television industry for over 16 years and is the volunteer chair for the sakihiwe Music Festival (sakihiwe.ca). Brett is also a member of the Science Committee for Adaptation Futures 2023 (adaptationfutures.com). The multi-award-winning Mother's of Xsan is Brett's first series of books, and he is currently writing new books both in Fiction and Non-fiction that explore the worlds of the Gitxsan culture and perspective.

With the support of his wife Jeri and their children Warren and Ruby, Brett endeavours to continue sharing the stories from the land and creating dialogue and understanding around indigenous pedagogies and ways of knowing. Brett is also working with the Prairie Climate Centre at the University of Winnipeg to connect science and Indigenous Knowledges. This work has led to the launch of the Indigenous Knowledges section of the Climate Atlas (climateatlas.ca).

For more information on Huson, click here.

Andrew King

Principal FLDWRK, Senior Partner lemay, Montreal

FLDWRK is a research and design collective that investigates the current systemic transitions of society. We reach beyond the traditional practice of design to holistically respond to emerging challenges.

the OBLIGATION of CANADIAN DESIGN

Canada exists as a dance between rich cultural mosaics and an immense natural abundance, and Canadian design is the choreographer of said whirl. As the world witnesses the accumulating effects of environmental degradation and social injustice, this becomes a HEAVY ABUNDANCE threaded through with an implicit obligation:

To re-conceptualize this abundance through provocative and radical responses to normative modes of thinking and making, leveraging it as a mechanism for swift and powerful change, shifting from consumption to stewardship, from profligate waste to careful curation, from privilege to obligation.

To create and build in Canada is to draw from this rich land and refined legacy to extract something new. With this act of producing comes obligation.

We cannot regress back to the colonial Western settler mindset of individualism. Indigenous values inform our future and our obligations to the land, to water, to trees—to our way in the world. Canadian design must embrace this moral obligation. We must function as a collective: At once Indigenous and settler, immigrant and refugee, we must be united through our shared past and present and future.

Together, we inhabit and must care for this land.

HEAVY ABUNDANCE is a viable future. The perpetual need to grow and innovate must remain, but in response to environmental degradation and social injustice. Canadian design can reframe our legacy of shameless ambition and disregard, and effectively evidence change. We are abundant, and so Canadian design must reconceptualize, redistribute, rearrange, and redesign in response. This is our duty, to redefine our aspirations, our processes, our way in the world—to provide a more hopeful and inclusive future.

Canada can do this now.

To read FLDWRK's Manifesto for Canadian Design, click here.

For more information on lemay, click here.

David McMillan

Photographer

"David McMillan was born in Scotland and educated in the United States, eventually getting a graduate degree in fine art. He briefly taught painting and drawing at the University of Manitoba before establishing the photography program there. His interests evolved from a formal concern with colour and space to the depiction of the often uneasy relationship between nature and culture. In 1994, this interest led him to visit the guarded zone surrounding the Chernobyl Nuclear Power Plant, which had been evacuated because of the enormous amount of radiation released in the 1986 accident. Within this circumscribed area, several "themes" emerged - the existential threat posed by technology, the resilience of nature, and the transience of culture. Since his initial visit to the exclusion zone, McMillan has returned 21 times. His photographs have been shown internationally in many solo and group exhibitions. The comprehensive monograph "Growth and Decay: Prypiat and the Chernobyl Exclusion Zone" was published in early 2019 (Steidl)."

To see McMillan's work, click here.

Roger Mullin

Dalhousie University, School of Architecture, Halifax

Roger Mullin's research interests investigate the materiality and imperatives of buildings, infrastructures, and urban form, with a focus on coastal landscapes in the North Atlantic and areas of the Adriatic and Mediterranean Seas. This work is bracketed by concurrent research in methods of representation and design-build. Developments of these activities are carried forward through community partnerships, field-work, and writing.

For more information on Mullin, click here.

Sally Stone

Manchester School of Architecture, UK

"I am the Programme Leader for the MA Architecture and Adaptive Reuse programme and Director of the Continuity in Architecture Atelier at the Manchester School of Architecture. My work is concerned with the sustainable reuse of buildings and situations. I have been designing, drawing, formulating ideas and writing about interiors and adaptive reuse for thirty years. I am the author of UnDoing Buildings (Routledge, 2019), and coauthor of ReReadings Volumes 1 + 2 (RIBA Publications, 2004, 2018), Emerging Practices in Pedagogy (Routledge, 2021) and the forthcoming Remember Reveal Construct (Routledge)."

For more information on Stone, click here.

Liz Wreford + Peter Sampson

Public City Architecture, Winnipeg

"PUBLIC CITY is a critical design studio practicing architecture in Manitoba and Ontario and practicing landscape architecture in Manitoba, Ontario, Saskatchewan and Alberta. The firm is owned and led by Liz Wreford and Peter Sampson, award-winning design principals who collectively hold 50 years of experience in professional design practice. Public City is known for its collaborative and inclusive approach to design, people, and context.

As a transdisciplinary design firm, Public City is committed to a practice that is deeply rooted in the belief that the cross pollination of ideas and expertise latent in a project team is the key to a project's success. Our expertise includes architecture, landscape architecture, urban design, public art, public engagement and indigenous design consultation in a single hybrid practice."

For more information on PUBLIC CITY, click here.





Dominico Obmerga University Gold Medal Recipient

Dominico is a graduate of the Environmental Design Program at the University of Manitoba where he worked as a research assistant for an architectural research group known as the BIOM_Lab. Coming from the Philippines, where natural foliage intertwines with structures of local neighbourhoods, he has always had an interest in the relationship between the built and natural environments. Dominico favors the combination of the science behind natural phenomena and technical aspects of design as a design approach for his projects. Taking inspiration from natural phenomena, Dominico had the opportunity to work with experimental architecture and biomaterial sciences through his explorations with biomaterials such as Mycelium and Bacterial Cellulose.

Upon graduating from the University, Dominico sought to take his experience with the artistic aspects of design, such as installation art, graphic layout, photography, and especially digital art into a professional setting to continue developing his skills in design and architecture. Moving forward he hopes to learn new and innovative methods of representation in order to bring his ideas to life. As an aspiring architect, he aims to accumulate a wealth of knowledge and experience to broaden the scope of his project capabilities.



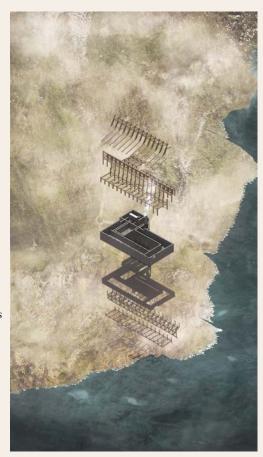






The Shell

In 2020, the town of Churchill proposed the awareness of encroaching Zebra mussel populations projecting northward as a climate adaptation strategy to promote biodiversity protection. In light of the teachings presented in Robin Wall Kimmerer's Grammar of Animacy, the project aims to shift the connotation denoted by the categorization of invasive species. The Shell looks towards a climate future, through which, Churchill becomes a gateway for trade in the north with increased port traffic and recreational boating along the Churchill River. In combination with the changing climate, the benefits of economic growth do not come without a cost. In this climate future, increased traffic through waterways has resulted in the introduction of zebra mussels within the Churchill River depleting essential algal nutrients for the local marine life. With the language of animacy in mind, how can we shift our idea of an invasive species into a contributing member of the local ecology? From this line of thinking the project seeks to embrace the presence of zebra mussels as a source of mussel shell fertilizer, building material aggregates, food stock, and phosphorus precipitate. To accomplish this, the project takes on the function of a zebra mussel harvesting and processing facility. Here harvested materials are engulfed by the four elements, Water, fire, air, and earth, as the mussels go from harvesting to viable members of building systems. Water, Air, Fire, and Earth. These are the elements known by the land. From the land to the land. That is the shell.



Faculty Wide

Allan Waisman Indigenous Architecture Scholarship

Iulie Hince Jordan Cantafio

ARCC / King Student Medal

Courtney Allary

Canadian Masonry Research Institute Scholarship

Samin Mohammadi

Corrigill Scholarship

Kiana Baul Asha Stott

Sari Halldorson Haines

Aliyah Baerg

Faculty of Architecture Endowed Scholarship

Jeffrey Thorsteinson Izabela Rachwal Robyn Anderson Benjamin Gaudes Collin Lamoureux Jonathan Klassen

Fridrik Kristjansson Scholarship in Architecture

Mahsa Khoshgoftarlai

Maxwell Starkman Scholarship in Architecture

Danton Derkson Eva Rodriguez Lauren Sheedy

Social Sciences and Humanities Research Council (SSHRC)

Julia Antonyshym Benita Kliewer Corene Stoski Raik Laird

University of Manitoba Graduate Fellowship (UMGF)

Kaamil Allah Baksh Samin Mohammadi SeyedehSahar Nabavi Raha Badieitabar Anna McKinnon Lila Asher Sahla Mitchell Gabriela Ratcliffe Benjamin Gaudes Priyanka Soni Carmen Huang Teresa Lyons Owen Toth Aliyah Baerg Lorela Bregu

Amirmohammad Firoozi

Tara Fuller

MacKenzie Loewen

Nima Shoaie Iffat Zahan Ian Dyck Neha Prakash Lauren Sheedy Valentina Jaramillo

Maryam Ghorbanivalikchali

Augusta Ho

Emma Dicks

Matthew Glowacki Farzan Farnaghi Jennifer Yong

Environmental Design

Boe D. Wong Scholarship

Izabela Rachwal

Dan Muir Memorial Award

Sari Halldorson Haines

Dr. A.W. Hogg Undergraduate Scholarships

Alexa Jaworsky

Faculty of Architecture Design Award

Alexandra Waxman

Isbister Scholarship in Environmental Design

Shahd Haresha

Kasian Scholarship for Architecture and Design Excellence

Kayla Manalo

Michael Cox Scholarship

Faith Peters

Price Industries Limited Undergraduate Award

Samson Tijani

Students' Architectural Society Award

Cole Marotta

Kayla Manalo

Terry Cristall Scholarship in Environmental Design

Emily Cochrane

University of Manitoba Gold Medal

Dominico Obmerga IV

William and Olive Humphrys

Scholarship for Architecture Dominico Obmerga IV

Architecture

Arthur Buckwell Memorial Scholarship

Matthew Evans

Bill Allen Scholarship in Architecture (Research)

Danton Derksen

Bill Allen Scholarship in Architecture (Travel)

Yi Wang

Cibinel Design Achievement Award

Eva Rodriguez

Corrigill Scholarship

Collin Lamoureux

Faculty of Architecture Endowed Scholarship

Collin Lamoureux

Harry Seidler and John Russell Recruitment Award in

Architecture

Janine Kropla

Hyeonji Kwon

Devin Dushanek

Daniella Fernandez Romero

Shirinsadat Ziaei

Zahra Rezaei

Leonard C. Klingbell Scholarship in Architecture

Temitope Akinsiku

Chelsea Colburn

Manitoba Association of Architects -

Architecture Recruitment Award

Danton Derksen

Mel P. Michener Architectural Fellowship

Danton Derksen

Norman Ripley Memorial Scholarship

Chelsea Colburn

NUMBER TEN Scholarship in Architecture

Kaamil Allah Baksh

Price Industries Limited Faculty of Architecture Recruitment

Award

Mahbod Babsheikhali

Randy Gilbart Memorial Scholarship for Excellence in

Architectural Design

Danton Derksen

William E. Sheets Scholarship in Architecture

Dallin Chicoine

City Planning

Dean David Witty Urban Design Scholarship

Josh Paull

Corrigill Scholarship

Johnathan Klassen

Faculty of Architecture Endowed Scholarship

Johnathan Klassen

Price Industries Limited Faculty of Architecture

Recruitment Award

Madeline Schon

Thomas B. Yauk - MPPI Scholarship

Romeo Agominab

Julia Antonyshyn

Sahla Mitchell

Interior Design

Corrigill Scholarship

Robyn Andersen

Faculty of Architecture Endowed Scholarship

Robyn Andersen

Jean M. Pearen Scholarship

Mona Duale

Joan Harland Scholarship for Graduate Studies in Interior

Design

Christine Nguyen

Roy C. Rettinger Graduate Scholarship

Rachel Aziza

Irena Tonnu

Serena Tonnu

Lara Machum

Juliana Anderson

Tamunoibi Ekine

Emily Birch

Silvia Chandrasekar

Taravat Nourian

Landscape Architecture

Alexander E. Rattray Scholarship in Landscape Architecture

Mary Ghorbanivalikchali

Corrigill Scholarship

Tristan Osler

Faculty of Architecture Endowed Scholarship

Benjamin Gaudes

Landscape Architecture Entrance Scholarship

Emma Dicks

Price Industries Limited Faculty of Architecture Recruitment

Award

Matthew Glowacki

Gel Ilagan

Manitoba Association of Landscape Architects Fellowship in

Landscape Architecture

Smile Singh

Michaela Peyson

Joys of Landscape Prize

Nazi Yaghoobian

Olmsted Scholar - Landscape Architecture Foundation

No Recipient Selected

Carl R. Nelson Travelling Fellowship in Landscape

Architecture

Smile Singh

Charles H. Thomsen Award in Landscape Architecture

Augusta Ho

Ted McLachlan Community Engagement Scholarship

Kailee Meakin

The Faculty of Architecture Endowment Fund uses the interest revenue generated from the Fund to be allocated to projects providing academic enrichment, or advancing the academic and research goal be allocated to projects providing academic enrichment, or advancing the academic and research goals of the Faculty of Architecture as represented by: Architecture, City Planning, Environmental Design, Interior Design, and Landscape Architecture. Applications are invited from constituencies related to the Faculty, normally to include staff, students, alumni and "friends of the Faculty".

In the past grants have gone to support conferences, speakers, and other special events, the acquisition of library material and special equipment, as well as to encourage research and creative work.

Faculty Endowment Funds were established at the University to allow donors to contribute to the pursuit of excellence in areas of greatest interest to them. Each Fund is administered by a committee consisting of students, academics, support staff, alumni and other "friends of the faculty". The Committee meets each year to determine the most effective way of spending the interest from gifts received.

MLA 50th Anniversary Lots of Bulbs

Dietmar Straub \$8,000

Architecture+Design Film Festival

Susan Algie \$ 2,000

Unstacking the Deck

Lisa Landrum \$ 2,000

MALA LASA

Smile Singh \$ 1,500

UMAPS Trivia Night/Networking

Matthew Gowdar \$ 1,500

Winnipeg Places+Spaces

Susan Algie \$ 2,000

Warehouse Journal Volume 31

Alieha Pascua, Dave Castillo & Johanna Babadilla \$ 25,000

FAUM + CanU

Carmen Huang \$ 1,000

Workshop on Bio-Materials

Kanza Rauf \$ 5,000

Mobile Indigenous Design Lab

Aliyah Baerg \$ 15,614

Design Matters

Jaya Beange \$ 2,000

Arch 2 Gallery

Jae-Sung Chon \$8,000

Atmosphere 15

Jae-Sung Chon \$ 20,000

Cultural Events/Food for Thought

Jae-Sung Chon \$ 24,000

Cultural Events 2023-2024

Jae Sung Chon \$ 20,000

BIKEOUT

Jae Sung Chon \$ 2,000



2022 Recepient

Sarah Cooper

Assistant Professor Department of City Planning

My research interests focus on social policy and the implications of privatization and commodification of social programs. I approach my work with a social justice lens, seeking to identify and address inequity in policy development and implementation. My current research examines housing for low-income households in Canada, with a focus on the expiry of social housing funding agreements—an issue that will transform the landscape of housing and housing policy in Canada over the next few decades.

I grew up in Toronto, and completed a Bachelor of Environmental Studies at York University (Toronto), followed by a Master of City Planning at the University of Manitoba (Winnipeg) and a PhD in Urban Planning and Policy at the University of Illinois (Chicago). Prior to completing my PhD, I worked as a Research Associate and Planner at the Centre for Indigenous Environmental Resources in Winnipeg, and as a researcher at the Manitoba office of the Canadian Centre for Policy Alternatives. I have worked on a wide variety of research and planning projects, including neighbourhood housing plans, watershed and community plans, and housing and social policy analysis.

Professor Carl R. Nelson Jr. was a distinguished professor in the Faculty of Architecture. He was honoured as a Professor Emeritus in 2001. Professor Nelson was an outstanding teacher and practitioner. He brought a sense of rigour, fun and dedication to the craft of design in his teaching. Carl moved smoothly and effortlessly between his discipline of architecture and the disciplines of landscape architecture and urban design. Carl was the founding Head of the Department of Environmental Studies (now Environmental Design). He taught across the Faculty in both the undergraduate and graduate programs. In honour of Carl's outstanding contribution to teaching in the Faculty of Architecture, the Faculty will award yearly the Carl R. Nelson Jr. Teaching Award.